AACOM
American Association of Colleges of Osteopathic Medicine

Research at Colleges of Osteopathic Medicine: Inventory, Analysis and Future Directions

Osteopathic Heritage Foundation

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EXECUTIVE SUMMARY

Colleges of osteopathic medicine (COMs) represent a distributed, mission-driven research enterprise that is significantly under-characterized in the existing literature. This report presents the first comprehensive portrait of research conducted at and through COMs across the U.S., synthesizing findings from three complementary studies—a national research inventory, a bibliometric analysis and examination of federal and extramural funding experiences—to provide the first comprehensive portrait of the research landscape across this group. These findings document, for the first time, the scale, composition and strategic position of the COM-affiliated, "osteopathic research" enterprise, and reveal a field with distinctive strengths that are strategically aligned with national healthcare priorities and largely untapped as a coordinated research force.

Throughout this report, "COM-affiliated research" is defined not by subject matter but by origin. It encompasses scholarship produced by researchers affiliated with accredited colleges of osteopathic medicine or with graduate medical education programs that train osteopathic physicians—as well as research led by DO-trained investigators wherever their careers have taken them. What makes research osteopathic, in this sense, is not its topic but its provenance: the institutions, training environments, and professional formation that shape how a generation of physicians is educated to understand health, disease, and the people they are called to serve. Defined this way, osteopathic research spans basic science, clinical investigation, health services research, medical education, community-engaged inquiry, and translational science—a portfolio as broad as the profession itself.

The findings of this report—that COMs promote discovery through community-engaged research, primary care science, medical education, and whole-person approaches to health, show strengths that the broader national research enterprise has not yet fully recognized or mobilized.

KEY FINDINGS

Part I: Research Inventory

The Osteopathic Research Inventory 2025, led by AACOM and the Osteopathic Heritage Foundation, produced the first-ever national accounting of extramurally funded research across U.S. COMs (31 of 42 responding; 1 incomplete response excluded for a response rate of 72%). The national research inventory surveyed COMs across the United States to document research activity, faculty engagement and funding sources, establishing a foundational dataset for an initial database of COM-affiliated research and researchers. Participating institutions reported activity spanning seven domains: basic science, clinical research, health services research, medical education research, osteopathic manipulative medicine (OMM) research, community-engaged research and translational research. COMs demonstrated notable concentration in health services, primary care, rural health and medical education research—domains aligned with osteopathic philosophy and underserved in the broader research enterprise. Structural barriers were also documented, including limited protected research time, fewer dual-degree programs and constrained infrastructure compared to allopathic institutions. The resulting data were validated against NIH RePORTER, HRSA, NSF, and USAspending.gov. The 30 responding institutions reported 611 active projects across 338 unique principal investigators. Research activity is productive but concentrated: two institutions (MSUCOM and Rowan-Virtua SOM) together account for more than half of all documented projects and investigators.

- 611 funded projects reported; 20.4 per COM on average (range 0–203); MSUCOM (33.2%) and Rowan-Virtua SOM (18.5%) hold the largest shares.
- 45.7% of projects (n=279) are federally funded, of which 76.2% are NIH-supported; foundation and professional organization grants comprise 24.9% of the portfolio.
- 338 unique PIs identified; 67.8% hold PhDs, 25.1% are physicians (DO or MD); top research domains are Basic Sciences and Genetics (22.4%), Neuroscience and Cognitive Disorders (17.2%), and Mental Health and Behavioral Health (10.3%).

Part II: Bibliometric Analysis

A five-year bibliometric analysis of 32,877 publications across 46 parent COMs reveals a research ecosystem that is expanding in volume, with 7.8% mean annual growth and a 65% increase in actively publishing authors, but unevenly distributed in output, leadership and impact.

- The top five parent COMs account for ~37% of unique works; the top 10 account for >61%; nearly 70% of authors appear on exactly one publication.
- COM researchers hold first or last authorship in ~60% of publications, comparable to a reference sample of allopathic schools (62%); 56% of COM-affiliated authors have never served in a leadership authorship role.
- ~75% of publications involve non-COM co-investigators; multi-COM collaboration accounts for just 5.5% of all publications—a significant underdeveloped opportunity.
- 40% of publications align with osteopathic priority areas (primary care, rural health, community-based care); COM researchers lead in these domains but citation impact in these areas is below the corpus average.
- Cureus accounts for 11.0% of all publications; citation performance diverges substantially from publication volume, indicating that journal strategy is as consequential as output volume.

Part III: Federal and Extramural Funding Experiences

Experiences with federal and extramural funding at COMs reveal both systemic barriers and underexploited opportunities. This is not simply a capacity issue; prior work has framed it explicitly as a matter of inequitable osteopathic representation at NIH—a policy problem requiring advocacy alongside infrastructure development. At the same time, funding streams better aligned with COM strengths—including Health Resources and Services Administration, HRSA, (workforce, rural, primary care), Agency for Healthcare Research and Quality, AHRQ, (health services research) and Patient-Centered Outcomes Research Institute, PCORI, (patient-centered outcomes)—remain underutilized. Strategic reorientation toward these mechanisms, coupled with advocacy for greater DO representation on NIH study sections, could meaningfully expand the funding base.

- 85–91% of COM reporting units reported at least one NIH application over the preceding five years; 64–75% reported at least one award.
- Distribution is bimodal: 15.2% of 2024 reporting units reported zero applications; 28.3% reported more than 20. The Gini coefficient (a statistical measure of inequality, where a number closer to 1 indicates more inequality) for application counts is 0.61, and the top 5 COMs account for 60.4% of all institute-level applications (518 of 857).
- Top NIH application targets in 2024: NIA (n=114), NIAID (n=99), NCI (n=94), NIGMS (n=91), NINDS (n=80)—reflecting COM strengths in basic science and translational research.
- Mission-aligned NIH institutes are significantly underutilized: NCCIH received applications from only 9 COMs, NIMHD from 8, and NINR from 2—a strategic gap, not a capacity limitation.
- Eight reporting units reported zero NIH applications across all three survey years; HRSA, AHRQ, and PCORI remain underutilized relative to their programmatic alignment with COM research strengths.

Strategic Implications

Across all three sections, a consistent picture emerges: COM research is developing along a distinctive and complementary trajectory—one the national research enterprise needs but has not yet fully recognized. The extreme concentration of activity (two institutions holding more than half of all funded projects) is both a proof of concept and a structural vulnerability. Five evidence-based leverage points offer the highest return on investment for the profession and its funders.

- Invest in senior DO researcher development. The Odds Ratio (OR) of 213 for DO trainee first authorship when mentored by a senior DO investigator is a pipeline multiplier, not a marginal effect. Protected time, startup resources, and inter-COM mentorship structures are the highest-return institutional investments available.
- Convert conference presentations to peer-reviewed publications. The near-even split between journal articles (42.0%) and conference presentations (40.1%) is the largest untapped reservoir of scholarly impact in the COM ecosystem, addressable through structured writing support.
- Reorient federal funding strategy toward mission-aligned agencies and mechanisms. HRSA, AHRQ, PCORI, NCCIH, NIMHD and the NIH R15 mechanism offer programmatic alignment with COM strengths and lower competitive barriers than the traditional R01.
- Build inter-COM research networks. A multi-COM collaboration rate of 5.5% indicates the osteopathic research community is not yet functioning as a network. Coordinated infrastructure modeled on PCORnet or CTSA hubs could convert distributed institutional capacity into a genuine field-level competitive advantage.
- Develop a COM research taxonomy aligned with the osteopathic tenets. A shared professional vocabulary for describing osteopathic research distinctiveness would serve simultaneously as an identity tool, a reporting standard, and an advocacy instrument with funders and policymakers

The vision guiding this work is not parity with allopathic academic medical centers. It is distinctive excellence in the research domains where the osteopathic tradition, the communities COMs serve and the unmet needs of the national research enterprise converge.

PART I:

RESEARCH INVENTORY AT COLLEGES OF OSTEOPATHIC MEDICINE

1.1 OVERVIEW AND METHODOLOGY

The Osteopathic Research Inventory 2025 survey was a landmark initiative to create the first-ever national inventory of extramurally funded osteopathic research. This effort, led by AACOM and the Osteopathic Heritage Foundation, provided a comprehensive understanding of research funding, priorities and opportunities across all COMs.

The survey was designed to capture an institution's current externally funded research portfolio, including:

- Active research grants and contracts (federal, private, industry and foundation funding);
- Principal investigators leading funded projects; and
- Research focus areas and brief project descriptions.

Osteopathic medical schools conduct critical research that advances basic and clinical science, patient care, medical education and community health. However, there has never been a comprehensive accounting of extramurally funded osteopathic research across institutions. By compiling these data, the goal was to:

- Develop a baseline of information on the funded research being undertaken at the nation's COMs
- Support advocacy efforts to increase research funding for osteopathic medicine.
- Identify funding trends and new opportunities to support COM research initiatives.
- Demonstrate the impact of osteopathic research to policymakers, funders and the broader medical community.

Data and Methods

The Qualtrics (Provo, UT) survey was emailed to AACOM's Council of Osteopathic Researchers between February and March 2025. The key research contact was nominated by each COM dean. Other contacts such as the COM deans and research deans were contacted as needed, to improve response rates or clarify information. A follow up was sent out between August and September 2025 to encourage the remaining COMs to participate. The survey instrument is in **Appendix A**.

The survey asked for a list of current, active extramurally funded research projects. For each project the following information was collected: research project title or description, funding source and the lead researcher's name and contact information.

From the survey data, we tabulated several data points that included funding type, number of unique principal investigators, topic classification and the type of degree of the principal investigators. Descriptive statistics such as means, frequencies and percentages were generated.

The survey data was triangulated with public funding databases (e.g., NIH RePORTER, HRSA, NSF, USAspending.gov) to ensure a robust and validated research inventory.

1.2 RESULTS, RESEARCH DOMAINS AND FOCUS AREAS

Results

The survey was distributed to 42 COMs. Main campuses reported for all campuses.

There were 31 COMs that responded (74%). One incomplete response was excluded from the analysis. A total of 30 complete responses (72%) were analyzed.

There were 611 projects reported across all the COMs that responded (***see Appendix B***). This averages to 20.4 funded projects per COM. The range of projects was 0-203. Of these, the highest concentration was 33.2% at MSUCOM followed by Rowan-Virtua SOM (all campuses) at 18.5%.

Of the 611 reported research projects, 278 or 45.5% were federally funded. Of the 278, 76.2% are funded through NIH. The highest concentration of federally funded grants of 32.0% was at MSUCOM followed by Rowan-Virtua SOM (all campuses) at 15.8%.

The next highest source of funding for COMs is Foundation Grants/Professional Organizations (24.4%) (see Table 1). The schools with the largest proportions of this type of grants are Rowan-Virtua SOM (all campuses) (30.2%), MSUCOM (14.8%) and OSU (all campuses) (8.7%). Table 6 in the Appendix shows a breakdown of projects by type of grant and COM.

TABLE 1. Total frequency and percentage of projects by type of grant.

Type of Grant	N	%
1= Federal Grants	278	45.5
2= State Grants	49	8.0
3=Local Government Grants	3	0.5
4= Foundation Grants/ Professional Organizations	149	24.4
5= Corporate Grants (For Profit and Nonprofit)	63	10.3
6= Institutional Grants (Internal and External)	64	10.5
7= International	5	0.8
TOTAL	**611**	**100.0**

There were 342 unique principal investigators identified across the COMs. This translates to an average of 11.4 investigators per COM, with a range of 0-77 investigators and an average 1.8 projects per investigator. The highest proportion of unique investigators was 22.5% at Rowan-Virtua SOM (all campuses) followed by 19.6% at MSUCOM.

Research domains

This section summarizes inventory findings by research domain. Categorization of research activities comprised the following domains: basic science, clinical research, health services research, medical education research[1, 2], osteopathic manipulative medicine research, community-engaged research and translational research.

1 Bright IV HS, Robinson K, Fitterling L, Kelley S, Wang MY, Lipke L. Top 100 cited articles in osteopathic medical education: A bibliometric analysis. Medical Reference Services Quarterly. 2025 Nov 27:1-20. The bibliometric analysis, done by members of AACOM's Council of Osteopathic Librarians (COOL), identified four thematic clusters in osteopathic medical education research: (1) humanistic and whole-person care, (2) clinical science and training, (3) educational technology, and (4) healthcare systems. These clusters suggest natural alignment between COM research and osteopathic philosophy.

2 Hoskins K, Montgomery M, Griffith A, Pollard H, Orr-Roderick D, Schmick D, Strausman J, Wade S, Robertson M, DeArmond M. Trends in osteopathic medical education: a scoping review. J Osteopath Med. 2025 Feb 11;125(6):277-283. doi: 10.1515/jom-2024-0051. PMID: 39946209. The scoping review found 23 primary trends in osteopathic medical education, with residency (26.4%), curriculum (19.5%), and pedagogy (14.8%) dominating. This concentration suggests both established strengths and potential gaps in other areas.

Table 2 shows the research topics of projects reported. Basic sciences and genetics were the most common, comprising 22.4% of all topics. This was followed by neuroscience, neurology and cognitive disorders at 17.2% and mental health, substance use and behavioral health at 10.3%. From ***Appendix D***, MSUCOM leads the COMs in Basic sciences and genetics and neuroscience, neurology and cognitive disorders projects while Rowan-Virtua SOM (all campuses) leads the COMs in the total number of mental health, substance use and behavioral health projects. ***Appendix E*** in the Appendix shows a breakdown of topics by COM. A searchable database of these research projects can be found at aacom.org/COMResearchDirectory.

TABLE 2. Research topics overall total and percentage.

CODE	TOPIC	N	%
1	Neuroscience, Neurology, and Cognitive Disorders	105	17.2
2	Pain, OMT, and Musculoskeletal Research	30	4.9
3	Osteopathic Philosophy, Mechanisms, and Practice	0	0.0
4	Cardiovascular and Metabolic Disorders	19	3.1
5	Nutrition, Obesity, Diabetes, and Metabolism	34	5.6
6	Infectious Diseases and Immunology	20	3.3
7	Mental Health, Substance Use, and Behavioral Health	63	10.3
8	Women's and Maternal Health	13	2.1
9	Oncology and Cancer-related Research	27	4.4
10	Public Health and Epidemiology	12	2.0
11	Education and Workforce Development	52	8.5
12	Basic Sciences and Genetics	137	22.4
13	Medical Technology and Innovation	1	0.2
14	Geriatric, Aging Medicine	11	1.8
15	Pediatric Medicine	32	5.2
16	Communication/ Interprofessional	5	0.8
17	GME	2	0.3
18	Anatomy	7	1.1
19	Native American	8	1.3
20	Anthropology/Paleontology	12	2.0
22	Social Determinants of Health; Rural Health	17	2.8
23	Natural Resources, Environmental, and Biodiversity	3	0.5
24	Primary Care	1	0.2
TOTAL		**611**	**100.0**

1.3 FACULTY RESEARCH ENGAGEMENT

Table 3 shows the distribution of principal investigators by type of degree for all COMs. PhD investigators account for the majority at (N=413) 67.8% of the total investigators. Physicians, both DOs and MDs, are the second largest group at (N=153) 25.1%. The remaining 7.1% of investigators are comprised of allied professionals including educators, public health professionals, veterinarians, and pharmacists.

TABLE 3. The distribution of principal investigators by type of degree for all COMS.

Degree Type	Statistic	
	N	%
1=PhD	413	67.8
2=DO/MD	153	25.1
3=EdD	5	0.8
4=Doctor of Veterinary Medicine (DVM)	9	1.5
5=MPA/MA/MS/BS/MSW/MBA/MPH	12	2.0
6=PharmD/DrPH (Public Health)	12	2.0
7=DPT	3	0.5
8=PsyD	2	0.3
TOTAL	**609**	**100.0**

Appendix H shows the type of principal investigator degree by COM. MSUCOM has the highest number of PhD researchers (30.5%) followed by Rowan-Virtua SOM (all campuses; 14.3%) among all COMs. Both schools also have the highest proportion of physician researchers. ARCOM has the highest proportion of EdD researchers (60%). TOURO-NY, AZCOM, and MSUCOM are the only three COMS with DVM researchers.

PART II:
BIBLIOMETRIC ANALYSIS

The Bibliometric Analysis was conducted using publication metadata retrieved from OpenAlex, an open scholarly metadata platform that indexes academic publications, authors, institutions and citation relationships. Works were included if at least one author was affiliated with a COCA-accredited COM from 2020–2025. Because it is possible that COM faculty researchers are also affiliated with other programs or institutions, they may list those institutions rather than the COM in publications; this may result in undercounting these researchers.

Metadata fields including publication year, journal venue, citation counts and institutional affiliations were normalized and enriched prior to analysis. Research topics were then classified using a structured large language model (LLM) workflow that assigned each publication to predefined reporting taxonomies representing major research domains, priority areas aligned with osteopathic medicine and the tenets of osteopathic medicine.

Descriptive analytics were subsequently generated using the finalized dataset, producing institution-level, journal-level, topic-level and collaboration metrics.

2.1 OVERVIEW OF THE COM RESEARCH CORPUS

The bibliometric dataset comprises 32,877 publications produced between 2020 and 2025, representing a comprehensive characterization of research activity across COMs. These works were disseminated across 3,738 unique academic journals.

TABLE 4. Summary Statistics of the COM Research Corpus (2020-2025)

METRIC	VALUE
Total Works	32,877
Total COM Authors	34,223
Parent COMs	45
Campuses	73
Journals	3,738
Avg. Total Authors Per Work	7.14
Avg. COM Authors Per Work	2.16
Multi-COM collaboration rate	5.5%

Publications were identified using a dual-retrieval strategy combining institution-based queries for COMs with recognized identifiers and researcher-based queries derived from a curated set of COM-affiliated investigators. This approach was necessary to address inconsistencies in institutional representation within OpenAlex, including cases where faculty list affiliations under parent universities rather than their specific COM.

An analytic dataset was the aggregation of campuses to their parent COM institutions. While the osteopathic medical education (OME) landscape currently includes 73 campuses across 46 parent COMs, affiliation metadata frequently lacked sufficient precision to reliably distinguish campus-level contributions.

This inconsistency in institutional identifiers, particularly the limited and uneven use of Research Organization Registry (ROR) identifiers, introduces ambiguity in campus-level attribution for this type of analysis.

TABLE 5. Institutional identifiers across COMs

Institutional Identifier Status	Number of Campuses	Attribution Confidence
Campus-level ROR ID	11	High
Only Parent COM ROR ID	22	Moderate High
Only Parent University ROR ID	22	Moderate
No ROR ID	17	Low
TOTAL	**73**	

Given the large number of campuses and the relatively uneven distribution of research output,

campus-level reporting would introduce unnecessary fragmentation and reduce the clarity of institutional comparisons. Parent-level (e.g. using main campuses for all branch campuses and additional locations) aggregation therefore provides a more stable and analytically meaningful unit for examining productivity, collaboration and impact patterns across the osteopathic research ecosystem.

At a high level, the dataset reflects a large but structurally uneven research system. Output is broadly distributed across institutions, topics and journals, but with clear signs of concentration that are explored in subsequent sections. The corpus spans clinical medicine, biomedical science, public health and medical education, with no single domain dominating the research portfolio. At the same time, variation in institutional output, journal placement and authorship roles suggests meaningful differences in research capacity, strategy and maturity across COMs.

2.1 Publication Volume and Authorship

The COM research corpus volume and influence are distributed unevenly across authors, journals and institutions. At the broadest level, the data show a research system that is both productive and diffuse: A high total number of publications is paired with a long-tail distribution of author productivity, wide journal dispersion and substantial variation in citation performance across parent COMs.

Publication activity is concentrated among a relatively small number of investigators and institutions. Nearly 70% of authors in the corpus appear on exactly one work. By contrast, fewer than 3% of authors appear on 10 or more works, indicating that the visible output of the field depends disproportionately on a comparatively small cadre of highly productive investigators. This is a common bibliometric pattern, but in the COM context it reinforces a point that recurs throughout this report: Research activity is broad in participation but concentrated in productivity and leadership.

FIGURE 1. Distribution of Publications per Author

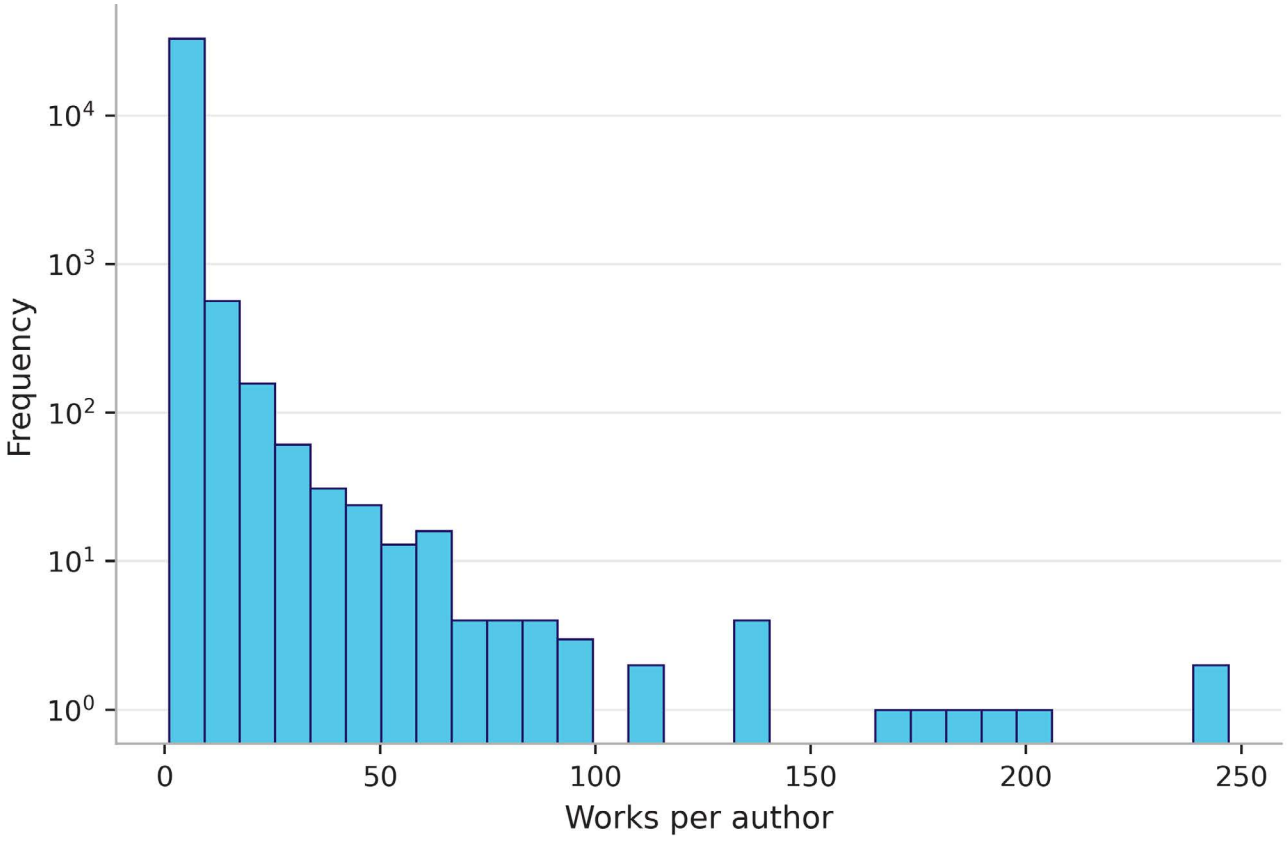
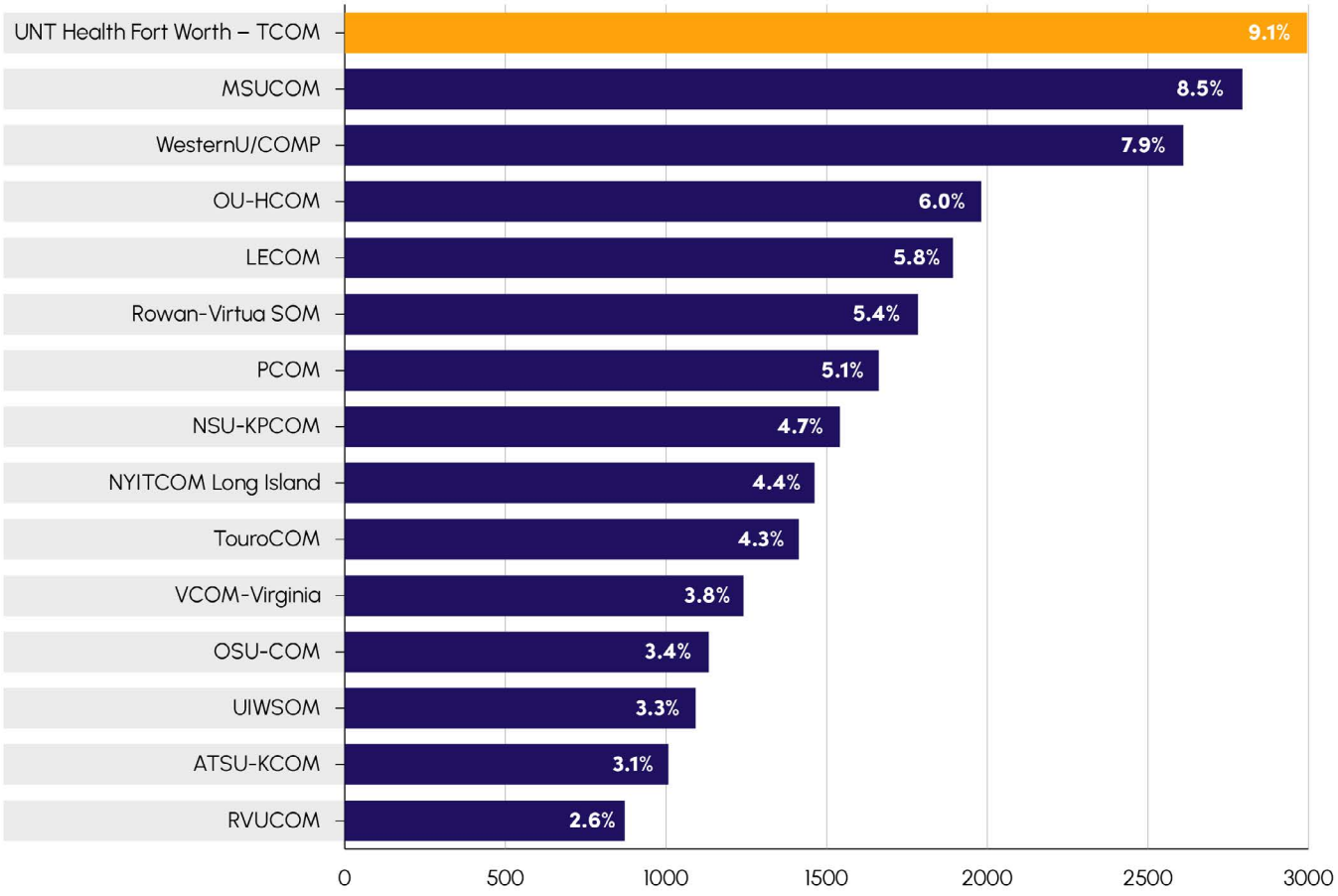


FIGURE 2. Distribution of Publications by Colleges of Osteopathic Medicine (Top 15 Institutions)



At the institutional level, publication output is similarly skewed. The top five parent COMs account for roughly 37% of all unique works, and the top ten account for more than 61%. This concentration structurally dependent on a limited subset of institutions becomes even more important when considered alongside later findings on citation impact and leadership roles, which are also unevenly distributed.

Output volume and scholarly influence are related, but they are not identical. Institutions with the highest publication counts are not always those with the highest citations per work. For example, MSUCOM, TCOM and WesternU/COMP are among the largest contributors by total citations, but some institutions, like Rowan-Virtua SOM and CCOM, with smaller output portfolios achieve comparatively strong citation efficiency on a per-work basis. This distinction matters because it suggests that research scale and research visibility are partially independent institutional strengths. Some COMs are producing large quantities of work; others are placing work into higher-visibility scientific conversations.

The authorship profile of the corpus highlights the strongly collaborative nature of COM research. Publications include a mean of 7.14 authors per work and a median of 5, reflecting norms typical of contemporary biomedical research. Still, collaboration is not exclusively external: 24% of publications are authored only by COM-affiliated researchers, and 3.7% are solo-authored. For papers that include both COM and non-COM investigators, there are an average of 1.77 COM-affiliated authors per work, suggesting that COM researchers are usually participating as part of broader collaborative teams rather than appearing only as isolated contributors. The osteopathic research enterprise is both internally productive and externally connected.

TABLE 6. Top 15 COM by Total Citations

COM	Publications	Citations	Mean Citations	Median Citations
MSUCOM	2,759	35,939	13.03	2
UNT Health Fort Worth TCOM	2,995	35,031	11.70	3
WesternU/COMP	2,607	27,739	10.64	2
OU-HCOM	1,964	18,302	9.32	3
LECOM	746	12,943	17.35	1
Rowan-Virtua SOM	1,775	12,912	7.27	1
CCOM	798	11,766	14.74	3
NYITCOM Long Island	1,419	10,611	7.48	2
LECOM	1,003	10,121	10.09	1
TUCOM-CA	791	9,258	11.70	2
PCOM	1,442	8,838	6.13	1
OSU-COM	975	8,836	9.06	2
NSU-KPCOM	1,144	7,462	6.52	1
UIWSOM	1,092	6,562	6.01	1
UNE COM	401	5,722	14.27	3
Total	**32,877**	**302,119**	**9.19**	**2**

External collaboration is a defining feature of the corpus. Approximately 75% of publications involve non-COM researchers with an average of 5.9 non-COM contributors per publication. In contrast, publications with multi-COM collaboration represent a minority of total output (5.5%), suggesting that COM-to-COM research networks are not yet a dominant feature of the ecosystem. This represents a potential opportunity for strategic development. Increased coordination across institutions, particularly in areas aligned with osteopathic priorities or high impact, could strengthen collective research capacity, improve visibility and support the development of a more cohesive osteopathic research identity.

In this analysis, leadership is defined as occupying either the first or last author position (excluding two-author publications), representing roles typically associated with primary intellectual contribution or senior oversight.

At the publication level, between 2020 and 2025, 51% of publications include a COM first author, 41% include a COM last author, and 60% include a COM author in at least one leadership position. As a reference point, using comparable methods on a convenience sample of allopathic medical schools showed an average of 62% of publications in leadership positions.

At the author level, a different structure emerges; 31% of COM authors have served as first author on at least one publication and 18% as last author (5% have served as both). Notably, 56% of COM-affiliated authors have only contributed as non-lead authors, never serving in a first or senior authorship position.

TABLE 7. Authorship and Leadership Metrics

Metric	Value
% Publications with COM First Author	51%
% Publications with COM Last Author	41%
% Publications with Either Leadership	60%
% Authors Ever First Author	31%
% Authors Ever Last Author	18%
% Authors with Both Roles	5%
% Authors Contributor Only	56%

Career-stage progression patterns are often reflections of authorship structure. Early-career researchers are more likely to appear as first authors, reflecting direct involvement in study execution and manuscript preparation. As researchers advance, authorship profiles diversify, with mid-career individuals often appearing across both first and last author positions. Senior researchers, in turn, are more likely to occupy last-author roles, reflecting mentorship, supervision and intellectual leadership. The large proportion of contributor-only authors likely reflects the realities of osteopathic medical careers, where faculty often balance research with clinical practice and teaching responsibilities, limiting opportunities to consistently lead projects, but still responding to pressures to publish.

Of the body of work analyzed, 75% of publications involved external collaborators. DOs serve in leadership positions nearly half (48%) of the time when external collaborators are involved.

This structure has important implications for interpreting subsequent analyses. Leadership patterns vary across research topics and priority areas, and the extent to which COM researchers lead versus participate differs meaningfully by domain. Additionally, these roles are not static. Trends over time may reflect shifts in research capacity, institutional investment, and the maturation of the COM research workforce. These dynamics are explored in later sections.

2.2 JOURNAL DISTRIBUTION AND DISSEMINATION STRATEGY

At the journal level COM-affiliated work is spread across a highly fragmented journal landscape, reflecting dispersion into the wider biomedical literature. The corpus spans 3,700+ journals and nearly a 1,000 publishers, but a relatively small number of publishers and journals absorb a notable share of output. Cureus alone accounts for 3,611 publications, or about 11.0% of the corpus, making it by far the most common publication venue. The next most frequent journals drop sharply in volume, with The FASEB Journal contributing 492 works and the Journal of Osteopathic Medicine 372.

Heavy representation in journals such as Cureus likely reflects practical features of the current research environment, rapid publication timelines, accessibility for clinical and educational scholarship and fit for case-based or smaller-scope work, rather than a simple signal of weak journal placement. At the same time, reliance on a small number of frequent outlets may also indicate an uneven dissemination strategy across institutions.

Citation performance by journal further illustrates that publication volume and impact do not necessarily align. The most frequently used journals are not always those generating the highest citation averages. Some journals with relatively modest representation in the corpus show substantially higher citations per publication, while some high-volume outlets contribute less to citation accumulation on a per-paper basis. This divergence reinforces the importance of examining not only where COM researchers publish most often, but also where their work achieves the greatest visibility. In other words, journal strategy is not simply a dissemination issue; it is also an impact issue. Where research is published is as important as how much is published. There are meaningful differences in dissemination strategy across the corpus, with some work prioritized for accessibility and speed and other work for achieving greater visibility through placement in higher-impact venues.

TABLE 8. Top 15 Journals Publishing COM-Affiliated Research

Journal	Publications	Percent of Publications	JCR Impact Factor
Cureus	3,611	11.0%	1.3
The FASEB Journal	492	1.5%	4.5
Journal of Osteopathic Medicine	372	1.1%	1.5
Alzheimer s & Dementia	270	0.8%	13.5
International Journal of Molecular Sciences	242	0.7%	5.7
The American Journal of Gastroenterology	220	0.7%	8.9
Scientific Reports	196	0.6%	4.3
Physiology	167	0.5%	10.3
PLoS ONE	162	0.5%	3.2
Innovation in Aging	153	0.5%	6.5
Cancer Research	147	0.4%	13.4
Journal of Clinical Oncology	134	0.4%	41.9
Journal of the American Academy of Dermatology	133	0.4%	11.8
Circulation	124	0.4%	35.9
Neurology	116	0.4%	9.1

Citation performance by journal further illustrates that publication volume and impact do not necessarily align. The most frequently used journals are not always those generating the highest citation averages. Some journals with relatively modest representation in the corpus show substantially higher citations per publication, while some high-volume outlets contribute less to citation accumulation on a per-paper basis. This divergence reinforces the importance of examining not only where COM researchers publish most often, but also where their work achieves the greatest visibility. In other words, journal strategy is not simply a dissemination issue; it is also an impact issue. Where research is published is as important as how much is published. There are meaningful differences in dissemination strategy across the corpus, with some work prioritized for accessibility and speed and other work for achieving greater visibility through placement in higher-impact venues.

TABLE 9. Citation Impact of High-Volume Journals (>50 publications), Ranked by Mean Citations (Top 15)

Journal	Publications	Total Citations	Mean Citations	Median Citations
Nature Communications	63	2,854	45.30	15
Cells	74	2,080	28.11	13
Nutrients	95	2,604	27.41	11
Cancers	109	2,570	23.58	10
Int Journal of Molecular Sciences	242	4,858	20.07	10
Frontiers in Immunology	69	1,259	18.25	11
Scientific Reports	196	2,892	14.76	9
Biomedicines	77	1,113	14.45	6
Frontiers in Physiology	77	1,056	13.71	6
Int. J. Environ. Res. Public Health	99	1,337	13.51	8
World Neurosurgery	69	874	12.67	7
Journal of Clinical Medicine	119	1,500	12.61	5

Journal	Publications	Total Citations	Mean Citations	Median Citations
PLoS ONE	162	1,814	11.20	6
Circulation	124	1,235	9.96	0
Journal of Clinical Oncology	134	1,210	9.03	0

While the overall volume of publications is substantial, impact is shaped by output and journal selection. This distinction between publication volume and publication placement is a key factor in understanding variation in citation performance across both journals and institutions, and is examined further in subsequent sections.

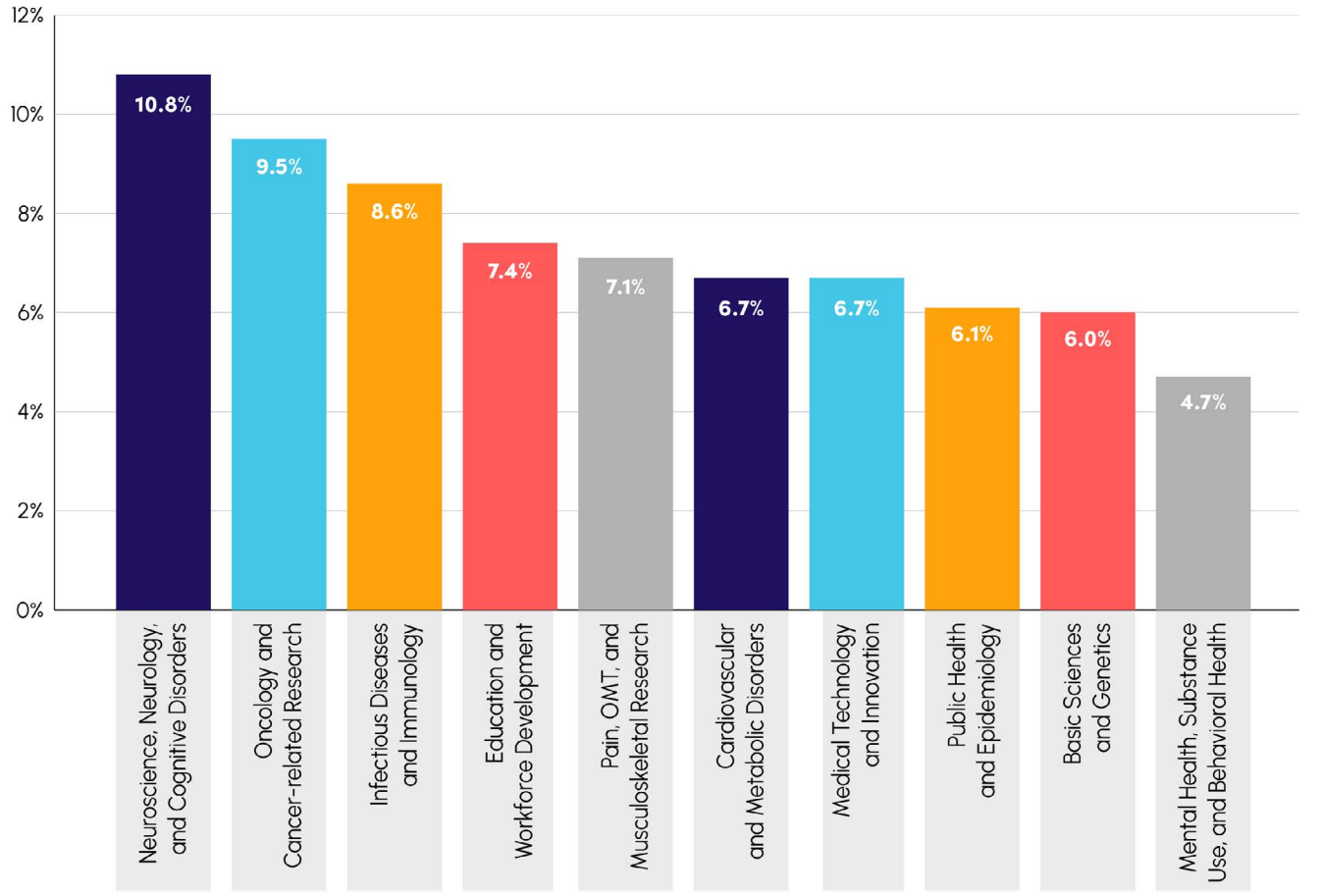
2.3 RESEARCH TOPICS

Unlike highly specialized research systems, COM-affiliated publications are not concentrated within a narrow set of disciplines. Instead, the portfolio is widely distributed across major areas of medicine and health science.

No single research domain dominates the corpus. The largest category, neuroscience, neurology and cognitive disorders, accounts for approximately 11% of publications, followed by oncology and infectious disease. Musculoskeletal and pain-related research, including osteopathic manipulative treatment (OMT), represents a smaller but still meaningful portion of the portfolio at approximately 7%.

This relatively even distribution suggests that COMs are broadly integrated into the general biomedical research ecosystem rather than concentrated in a limited set of specialty areas.

FIGURE 3. Distribution of COM Publications Across Research Topics (Top 10)



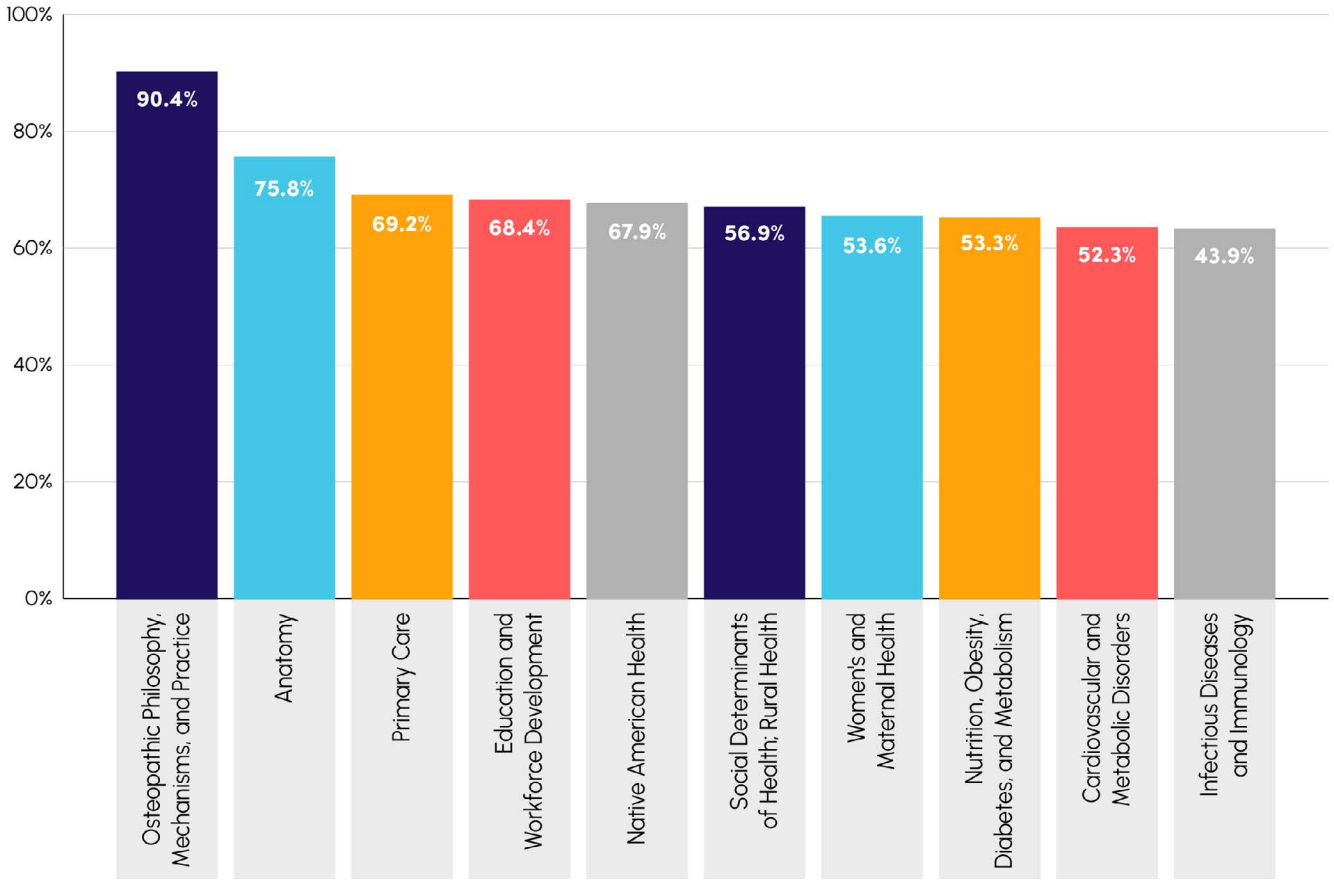
Citation patterns by topic indicate that some domains generate disproportionately higher visibility relative to their share of publications. For example, high volume research areas such as education and workforce and pain and OMT have below average mean citations, while research areas such as infectious disease, oncology and neuroscience tend to achieve higher average citation rates. This divergence is more likely a reflection of popularity and norms in the scientific publishing ecosystem rather than differences in research quality.

TABLE 10. Top 5 and Bottom 5 Research Topics by Mean Ccitation

Topic	# of Publication	Total Citations	Mean Citations	Median Citations
Medical Technology and Innovation	2,196	34,272	15.61	3
Nutrition, Obesity, Diabetes, and Metabolism	1,394	17,225	12.36	3
Infectious Diseases and Immunology	2,823	29,851	10.57	2
Neuroscience, Neurology, and Cognitive Disorders	3,544	36,532	10.31	2
Public Health and Epidemiology	2,004	20,077	10.02	2
Anatomy	876	4,114	4.70	1
Pediatric Medicine	1,176	5,300	4.51	1
Women's and Maternal Health	1,068	4,655	4.36	1
Osteopathic Philosophy, Mechanisms, and Practice	159	568	3.57	1
Primary Care	849	2,975	3.50	1

Leadership patterns further differentiate research domains. The proportion of publications with COM-affiliated first or senior authors varies by topic, showing that COM researchers play more prominent leadership roles in osteopathic-focused domains tend to show stronger COM leadership representation. There is opportunity in strategic but underrepresented areas such as Medical Technology, Graduate Medical Education, and Public Health and Epidemiology.

FIGURE 4. COM Leadership Rate by Research Topic (Top and Bottom 5 Domains)



Leadership and impact are not aligned across topic areas. Areas such as osteopathic philosophy and practice, primary care, education and workforce and anatomy demonstrate strong leadership but lower citation impact, suggesting that while COMs are leading in these spaces, the broader academic influence of that work is more limited. This is not inherently negative as these are mission driven and educational priorities. Several high-volume domains, most notably infectious diseases and immunology, neuroscience and oncology sit in the higher impact region but with only moderate leadership, indicating that COMs are contributing large amounts of influential work but are not consistently driving it. Some of the most impactful work that COMs are producing, medical technology/innovation and nutrition/diabetes, are divergent in their degree of leadership. These represent clear strategic opportunities: areas where increasing first/last authorship could disproportionately elevate institutional visibility and influence without requiring a proportional increase in volume. The largest volume of work does appear to be the most balanced positioning indicating COMs are simultaneously leading, producing and impacting scholarship.

FIGURE 5. Research Topic Positioning by Leadership and Citation Impact

These patterns indicate that COM research is both broad in scope and uneven in influence. COM researchers lead in key topic areas that align with COM interests. Some domains contribute more to total output, while others contribute disproportionately to citation impact or leadership representation. Several of the highest-impact research domains are not among the highest-volume areas, indicating a divergence between where COMs publish most frequently and where their work achieves the greatest visibility. Furthermore, the areas in which COMs most often take on leadership roles are not always the same areas where their work attains the highest citation visibility.

2.4 INSTITUTIONAL CONTRIBUTIONS

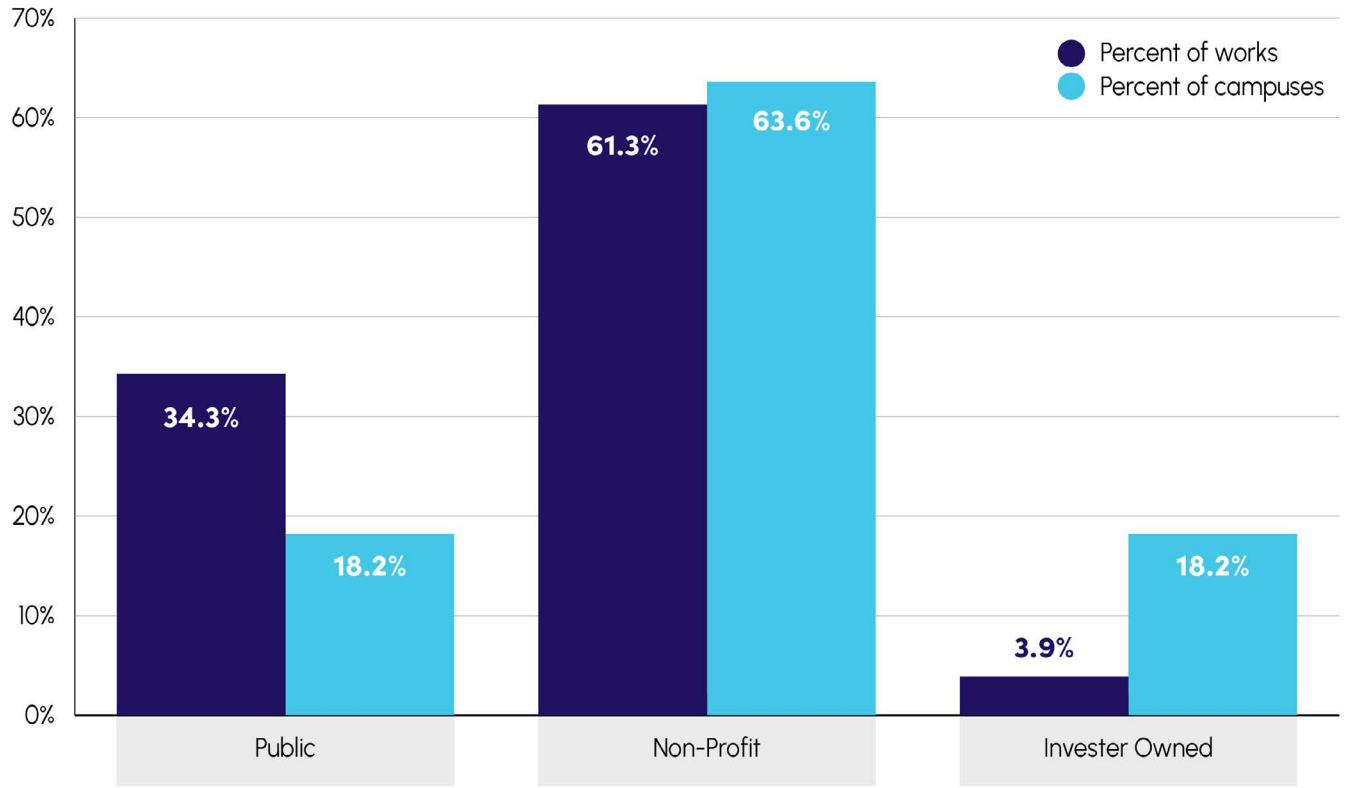
At the highest level, publication output is distributed across 46 parent COMs, but with clear variation in contribution levels. As shown previously, a subset of institutions accounts for a disproportionate share of total publications. Rather than repeating that concentration, it is more informative to examine how different types of COMs contribute to the research landscape.

Despite the fact that public COMs contribute a disproportionate share of publications, the small number of public COMs means that the lion's share of total publications comes from private COMs.

Public COMs are able to produce research at high volume because they are more deeply embedded in broader academic research environments. These institutions often benefit from access to established research infrastructure, interdisciplinary collaboration networks and proximity to large health systems. The same may be true of university-affiliated COMs. In contrast, independently operated COMs, while still contributing meaningfully to total output, tend to produce fewer publications on average and exhibit different publication and collaboration patterns.

Although there is parity in research topic distribution, some differences exist that may be a reflection of these structural differences. University-affiliated COMs show greater representation in Basic Sciences, laboratory-oriented domains, and Public Health and Epidemiology. Conversely, investor-owned COMs have larger representation of Education and Workforce, Primary Care, Women's and Maternal Health, and Pain, OMT and Musculoskeletal Research.

FIGURE 6. Distribution of Publications vs Campuses by COM Type

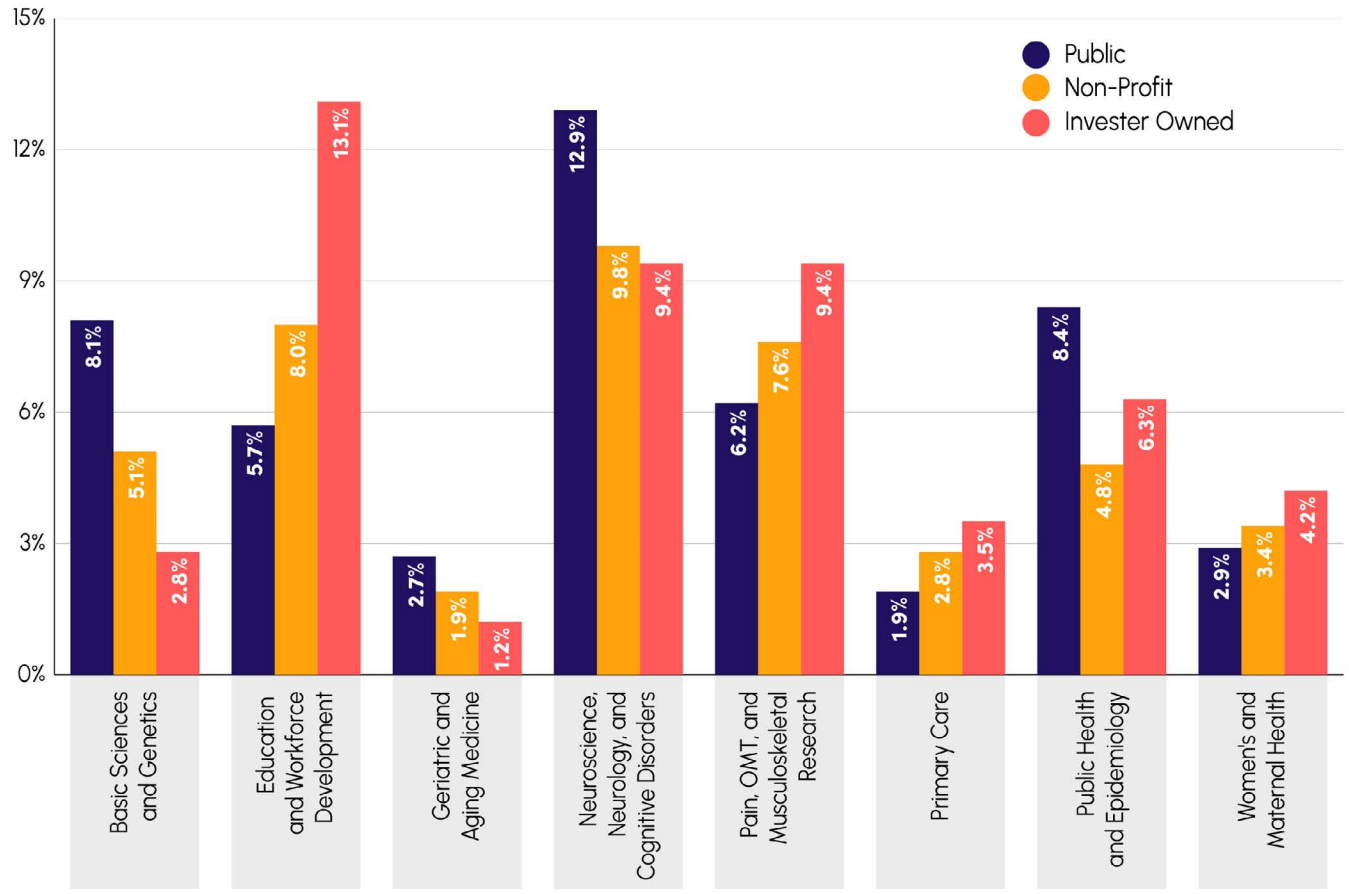


These patterns hide the diversity of topic focus and output at the individual COM level. The COM-affiliated research ecosystem consists of distinct institutional profiles, with some COMs operating as high-output, research-intensive hubs and others contributing through more specialized or practice-oriented scholarship. Importantly, these differences reflect the diverse roles COMs play within the health and education system.

Journal diversity provides an additional lens on institutional research behavior. Most COMs publish across a wide range of journals, suggesting engagement with multiple research communities. This is particularly true for high volume COMs where the number of total publications correlates with journal diversity although most COMs with over 500 publications have comparable diversity. This might potentially indicate more mature dissemination strategies or less cohesive research efforts. A few COMs have disproportionately low journal diversity.

For example, NSU-KPCOM, which has roughly the same number of publications as PCOM, NYITCOM, TouroCOM publishes in two-thirds of the number of journals. There are other similar COMs that concentrate their publications within a narrower set of outlets, which may reflect differences in institutional focus, resources or publication strategy. These structural differences develop over time, as shifts in volume, leadership, topic focus, and impact reflect growth in COM research.

FIGURE 7. Distribution of Research Topics by COM Type



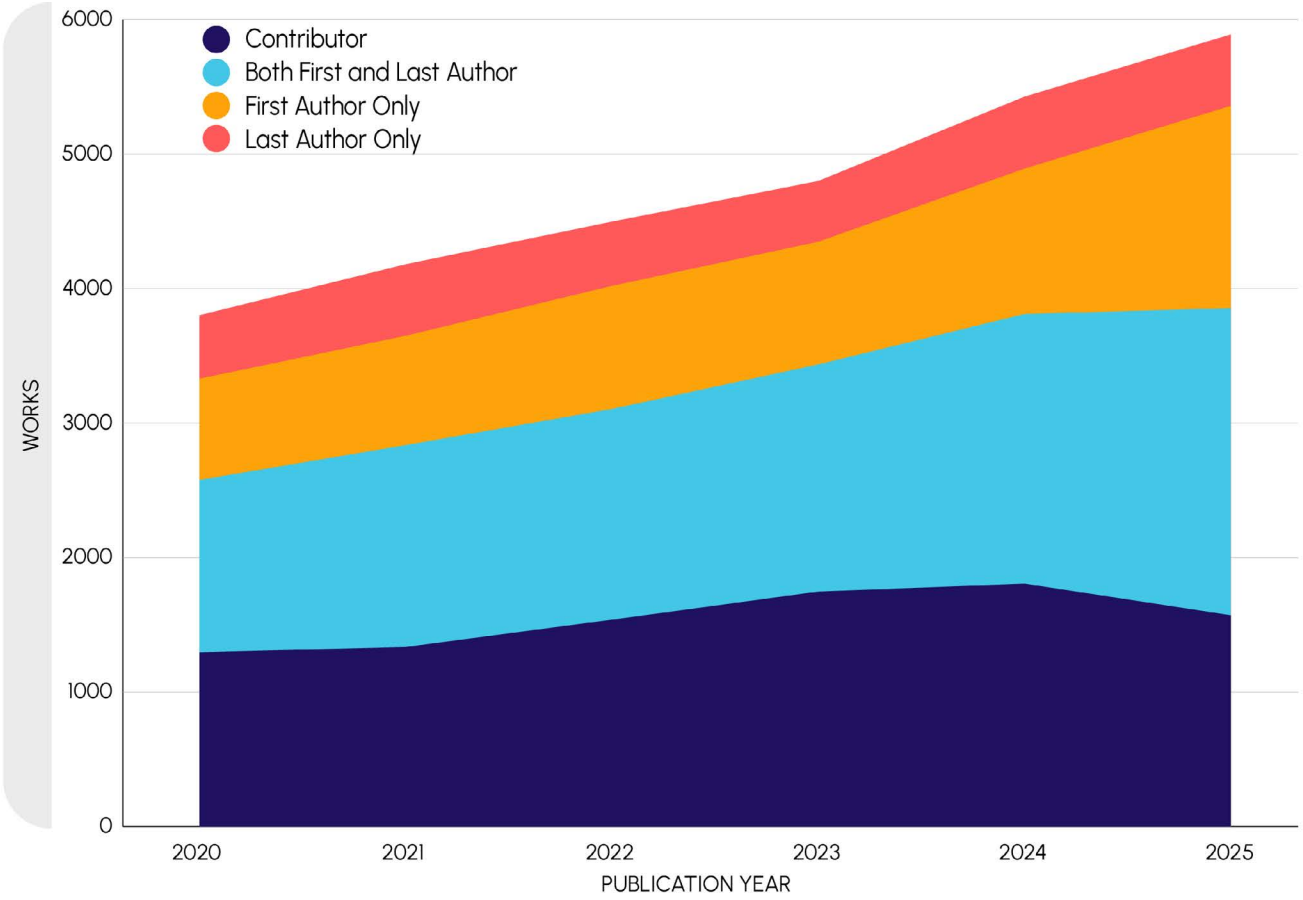
2.5 TRENDS

Trends over time provide important context for understanding how the COM-affiliated research ecosystem is evolving. Although a relatively short period, across the 2020–2025, changes in publication volume, authorship structure, topic distribution and dissemination patterns reflect meaningful growth.

The overall volume of COM-affiliated publications has increased steadily over the study period, reflecting a sustained expansion of research activity across institutions. Annual publication counts show consistent year-over-year mean growth of 7.8% publications; 46% total increase over the study period.

While COM researchers consistently occupy leadership roles in a substantial share of publications, the proportion of works published as first authors and contributing authors has increased in recent years.

FIGURE 8. Distribution of Publications vs Campuses by COM Type



Trends in researchers has also shown a continual increase in the number of COM authors (65%) actively publishing in a given year with the largest increases coming from authors that are involved in a small number of studies as contributors (not first or senior authors; 84%) and first authors leading publications (67%). Senior researchers have seen relatively minor growth (22%). These patterns may reflect a process of maturation and growth of the research workforce. As more COM-affiliated investigators enter the research ecosystem, a larger proportion of authors appear in contributor roles, while leadership positions remain comparatively concentrated. This dynamic is consistent with the career-stage progression, where early-career researchers contribute to projects led by more established investigators before transitioning into leadership roles.

Research topic output has stayed relatively steady over from 2020 to 2025 with cardiovascular and metabolic disorders growing the greatest (1.74%).

Table 11. Change in Topic Share of Publications, 2020 vs 2025 (Top Growth Areas)

Topic	2020 Share	2025 Share	Change (pp)
Cardiovascular and Metabolic Disorders	6.2%	8.0%	1.74
Medical Technology and Innovation	6.5%	7.9%	1.43
Pediatric Medicine	2.8%	4.3%	1.42
Women's and Maternal Health	2.2%	3.5%	1.30
Pain, OMT, and Musculoskeletal Research	6.6%	7.9%	1.30

Journal utilization shifts indicate increasing reliance on open-access outlets, with growing concentration in a small number of journals. Cureus, in particular, expanded substantially, with COM-affiliated publications increasing more than fourfold between 2020 and 2025. Because journal selection is closely tied to citation performance, these shifts carry direct implications for research visibility. After adjusting for publication year, mean citations within the first 12 months post-publication show a modest but consistent decline, indicating that recent gains in output are not translating proportionally into citation impact.

2.5 CONCLUSION

The COM research ecosystem is expanding. Output has increased substantially, driven by a rapidly growing base of contributing authors, while leadership roles are growing they remain concentrated among a smaller, subset of investigators. This imbalance is reinforced by limited coordination across COMs, with collaboration occurring primarily through external networks. Strong integration into external research networks improves reach and visibility but has not yet translated participation into internal network strength, limiting opportunities for coordinated leadership and scale.

At the same time, research activity is widely distributed across topics and journals, but not all areas contribute equally to visibility or influence. COMs frequently lead in mission-aligned domains such as primary care and osteopathic practice, yet these areas generate lower citation impact. Conversely, some of the most visible and impactful research areas within the corpus occurs in domains where COM researchers, in general, are more often contributors than leaders. This divergence highlights a central strategic tension: where COMs have the greatest leadership is not always where they achieve the greatest visibility.

These findings suggest that the next phase of growth is not simply increasing output, but strengthening leadership capacity, improving internal mutli-COM collaboration, and aligning research strategy, with areas and distribution networks of high visibility and impact. Institutions that can translate participation into leadership, particularly in high-impact domains, are likely to drive the future trajectory of osteopathic research.

PART III:

NIH FUNDING EXPERIENCES

3.1 ANALYSIS OF NIH-FUNDED COM RESEARCH ACTIVITY

Overview

This section presents descriptive analyses of NIH grant application and award activity reported by COMs through the AACOM Annual Survey for survey years 2021-22, 2022-23 and 2023-24. Data were drawn from two survey items: (1) a summary question asking how many NIH grants each COM applied for and received over the preceding five years, collected using ordinal response categories; and (2) a detailed breakdown of applications and awards by NIH Institute or Center, collected using exact counts for the 2024 survey year only.

Respondents to this survey are the 43 main-campus COMs, which reflects the total AACOM membership minus three institutions (D'Youville COM, Illinois COM and The Valley COM) that were not yet operational during the survey period. However, respondents in the Annual Survey include both main campuses and their affiliated additional locations and branch campuses, which report separately. This means the number of reporting units in any given year exceeds the number of parent institutions.

Methodological Considerations

Several features of the data warrant careful interpretation. First, the summary NIH items use ordinal ranges (0, 1, 2, 3, 4, 5, 6–10, 11–15, 16–20, More than 20) rather than exact counts. This right-censoring at "More than 20" and the use of grouped intervals above five limit the precision of aggregate estimates. Where midpoint estimates are used in this report, they should be treated as approximations. Second, the questions ask respondents to report activity over a rolling five-year window, meaning that reported "applications" and "awards" may not correspond to the same grant cycles. An award reported in a given year may have originated from an application submitted outside the current five-year window, which is why apparent success rates can exceed 100% for individual institutions.

Third, because in the AACOM Annual Survey, unlike in the COM Research Inventory, additional locations and branch campuses may report separately from their parent institutions, the number of reporting units (n = 49 in 2022, 60 in 2023, 65 in 2024) is larger than the number of main COM campuses. This provides more granular institutional data. Finally, the institute-level data is available only for 2024, uses exact counts and is limited to reporting units that completed that section of the survey. These data should be considered preliminary and interpreted alongside the summary trends.

3.2 RESULTS

NIH Grant Application and Award Activity, 2022–2024

Table 12 summarizes NIH grant application and award activity across the three survey years. A consistent majority of reporting units—between 85% and 91%—reported at least one NIH grant application over the preceding five years. The proportion reporting at least one award was lower but still substantial, ranging from 64% to 75%. Notably, the 2024 data show a slight decline in both application engagement (84.8%) and award receipt (64.4%) compared to 2023, though this may partly reflect the larger number of reporting units (including newer, smaller programs) entering the survey.

TABLE 12. NIH Grant Application and Award Activity by Survey Year, 2022–2024.

Survey Year	Reporting Units (n)	Applied >0 (%)	Applied = 0 (%)	Received >0 (%)	Received = 0 (%)
2022	39	34 (87.2%)	5 (12.8%)	29 (74.4%)	10 (25.6%)
2023	43	39 (90.7%)	4 (9.3%)	33 (75.0%)	11 (25.0%)
2024	46	39 (84.8%)	7 (15.2%)	29 (64.4%)	16 (35.6%)

Note. Reporting units include main campuses and affiliated additional locations/branch campuses that responded to the NIH items on the AACOM Annual Survey. Percentages are based on non-missing responses within each year.

FIGURE 9. NIH Grant Application and Award Engagement by Survey Year, 2022–2024.

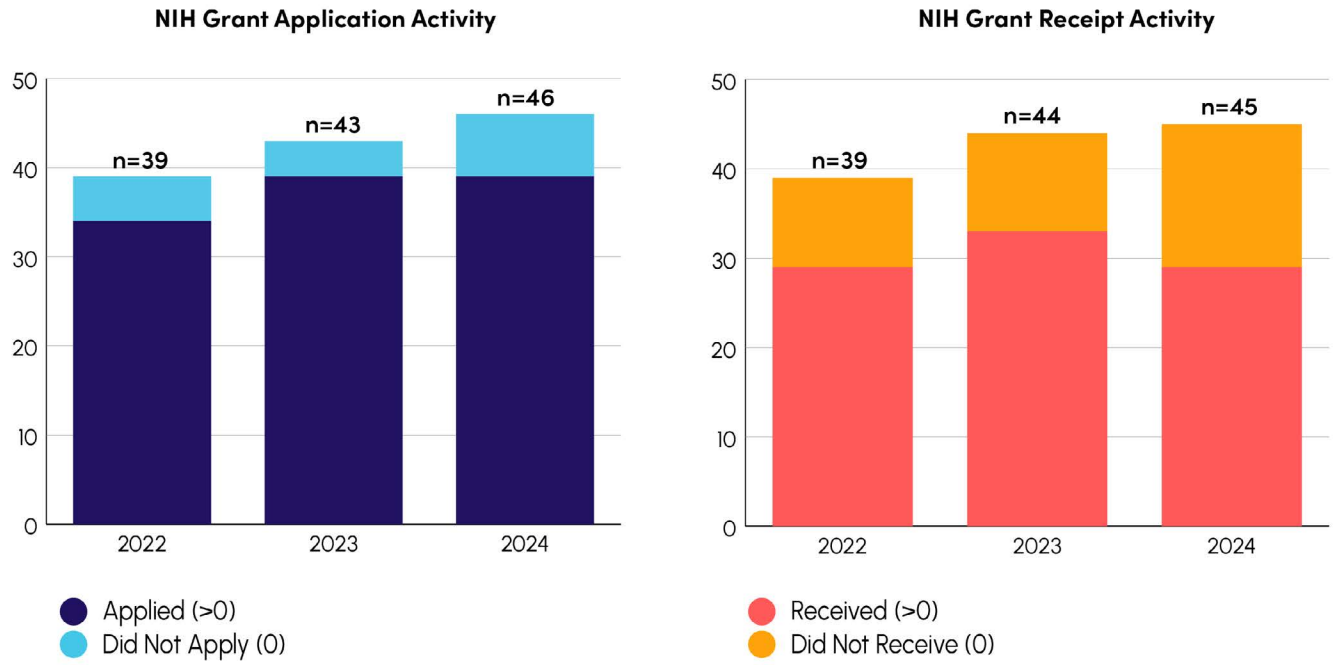
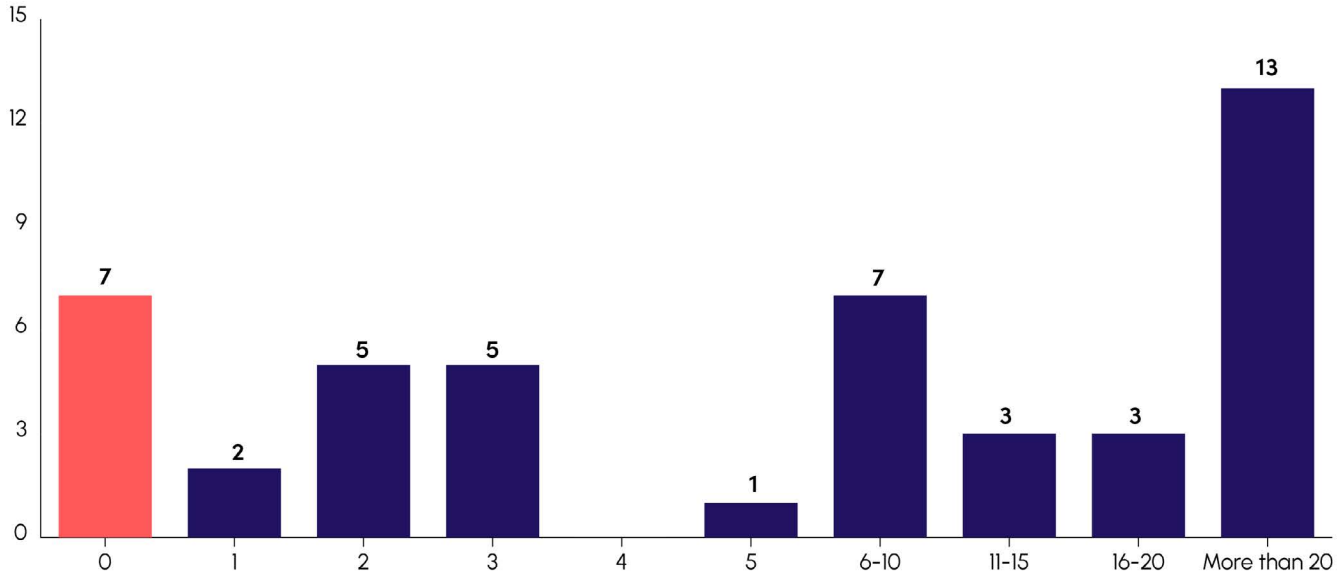


Figure 10 shows the distribution of five-year application counts reported by COMs in the 2024 survey. The distribution is bimodal: 15.2% of reporting units reported zero applications, while 28.3% reported more than 20. This pattern reflects the sharp stratification within the COM ecosystem, where a subset of research-intensive institutions maintains substantial NIH portfolios and a sizable proportion has no NIH engagement whatsoever.

FIGURE 10. Distribution of Self-Reported NIH Grant Applications (5-Year Rolling) Among COM Reporting Units.



Applications by NIH Institute or Center (2024)

The 2024 survey included a detailed breakdown of applications and awards by individual NIH Institutes and Centers (ICs), using exact counts. Across 65 reporting units, a total of 857 applications and 402 awards were reported across 22 ICs (Table 8). More than half of all reporting units (55.4%, n = 36) reported zero applications at the institute level.

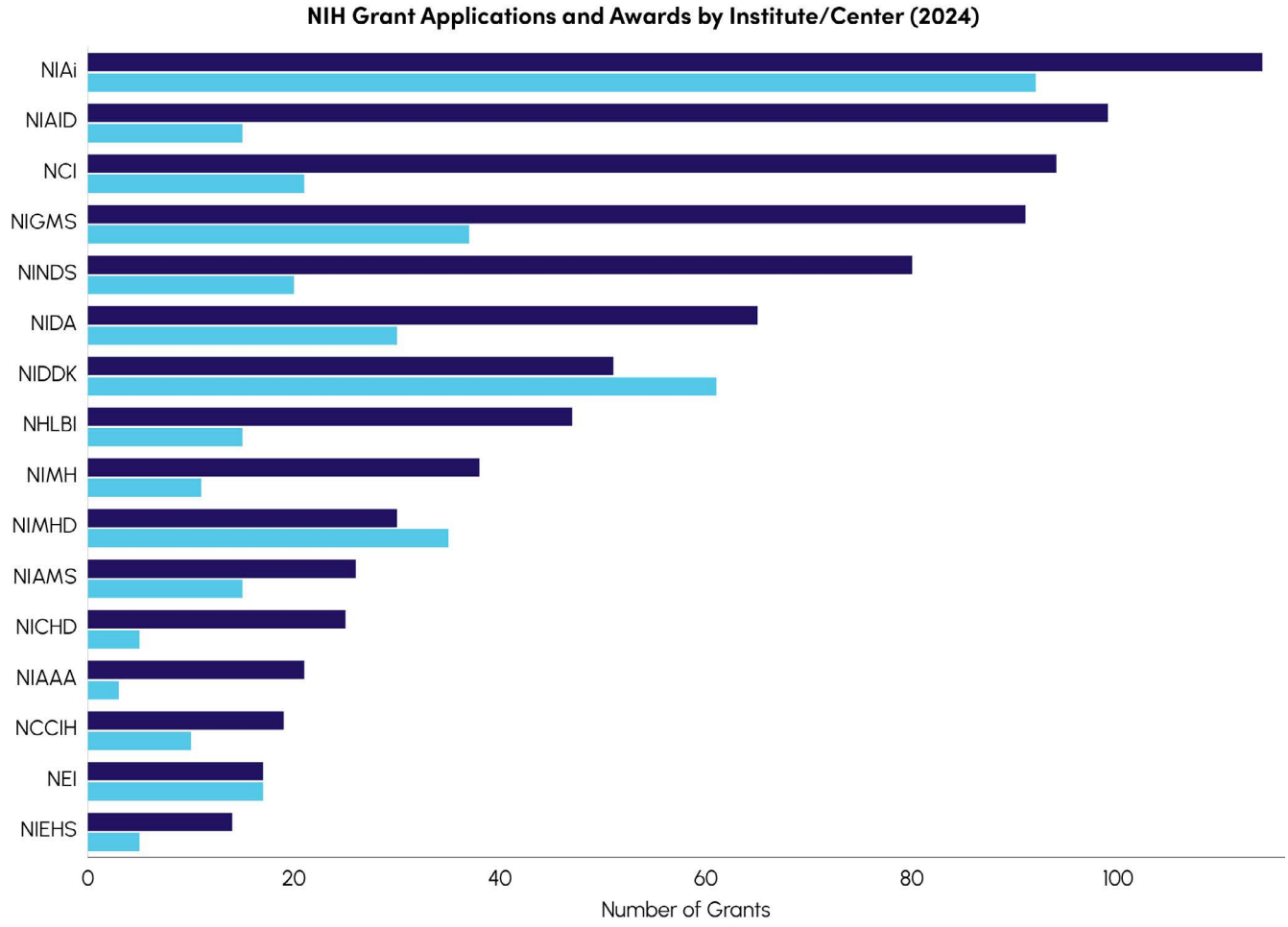
The National Institute on Aging (NIA) received the largest number of applications (n = 114) from 17 COMs, followed by the National Institute of Allergy and Infectious Diseases (NIAID, n = 99, 15 COMs) and the National Cancer Institute (NCI, n = 94, 18 COMs). The National Institute of General Medical Sciences (NIGMS, n = 91, 13 COMs) and the National Institute of Neurological Disorders and Stroke (NINDS, n = 80, 13 COMs) round out the top five. This distribution suggests that COMs are aligning their NIH applications with institutes that support both basic science (NIGMS) and disease-focused translational research (NIA, NCI, NINDS)—areas consistent with the research domain findings in Part I, where basic sciences and neuroscience accounted for the largest shares of funded projects.

TABLE 13. NIH Grant Applications and Awards by Institute/Center, 2024 Survey.

NIH Institute/ Center	Applications	Awards	COMs Applying
NIA	114	92	17
NIAID	99	15	15
NCI	94	21	18
NIGMS	91	37	13
NINDS	80	20	13
NIDA	65	30	9
NIDDK	51	61	3
NHLBI	47	15	15
NIMH	38	11	10
NIMHD	30	35	8
NIAMS	26	15	8
NICHD	25	5	5
NIAAA	21	3	5
NCCIH	19	10	9
NEI	17	17	7
NIEHS	14	5	6
Other*	28	10	—
TOTAL	**857**	**402**	**—**

Note. *Other includes NIDCD, NHGRI, NIBIB, NIDCR, NINR, NLM (each <15 applications). Awards may reflect grants applied for outside the current reporting window.

FIGURE 11. NIH Grant Applications and Awards by Institute/Center, 2024.



Note that the numbers from the AACOM Annual Survey, summarized above, do not generally match the research inventory numbers, either in the aggregate or by COM. This is because the language in the annual survey asks COMs to aggregate their data over the past five years, rather than asking for current projects in the current year (which is what the research inventory asked.)

Concentration of NIH Activity

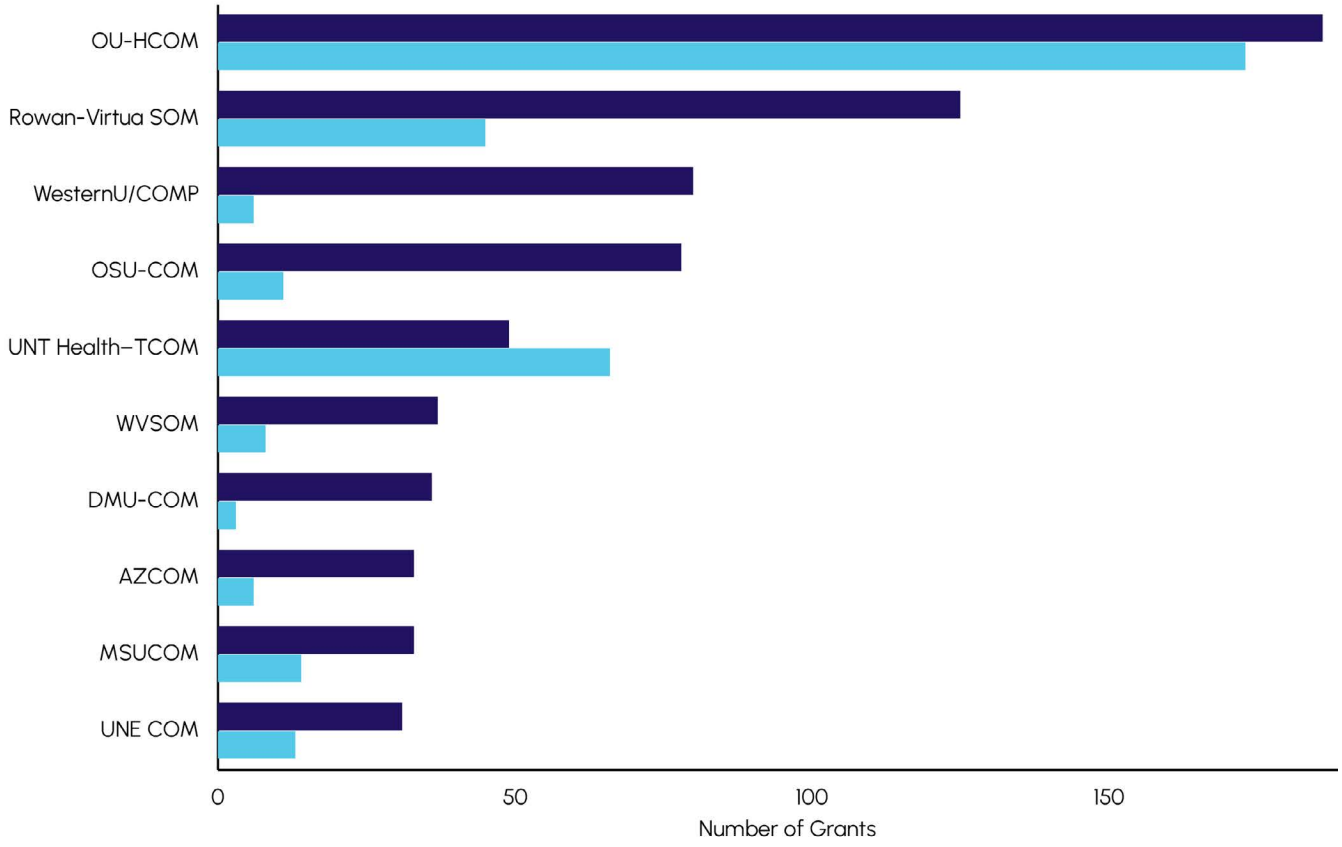
The distribution of NIH activity across COMs is highly concentrated. The top five institutions by application volume—OU-HCOM, Rowan-Virtua SOM, WesternU/COMP, OSU-COM and UNT Health–TCOM—account for 60.4% of all institute-level applications (518 of 857). The Gini coefficient (a statistical measure of inequality on a scale from 0 to 1, where 0 means perfectly equal) for application counts across active COMs is 0.61, indicating substantial inequality in NIH engagement. Table 14 presents the 10 COMs with the highest application counts.

TABLE 14. Top 10 COMs by NIH Institute-Level Grant Applications, 2024 Survey.

COM	Applications	Awards	Institutes Applied To
OU-HCOM	186	173	15
Rowan-Virtua SOM	125	45	10
WesternU/COMP	80	6	9
OSU-COM	78	11	7
UNT Health–TCOM	49	66	11
WVSOM	37	8	8
DMU-COM	36	3	8
AZCOM	33	6	8
MSUCOM	33	14	6
UNE COM	31	13	7

Note. Applications and awards are based on exact counts reported by institute. Number of institutes reflects the breadth of NIH engagement.

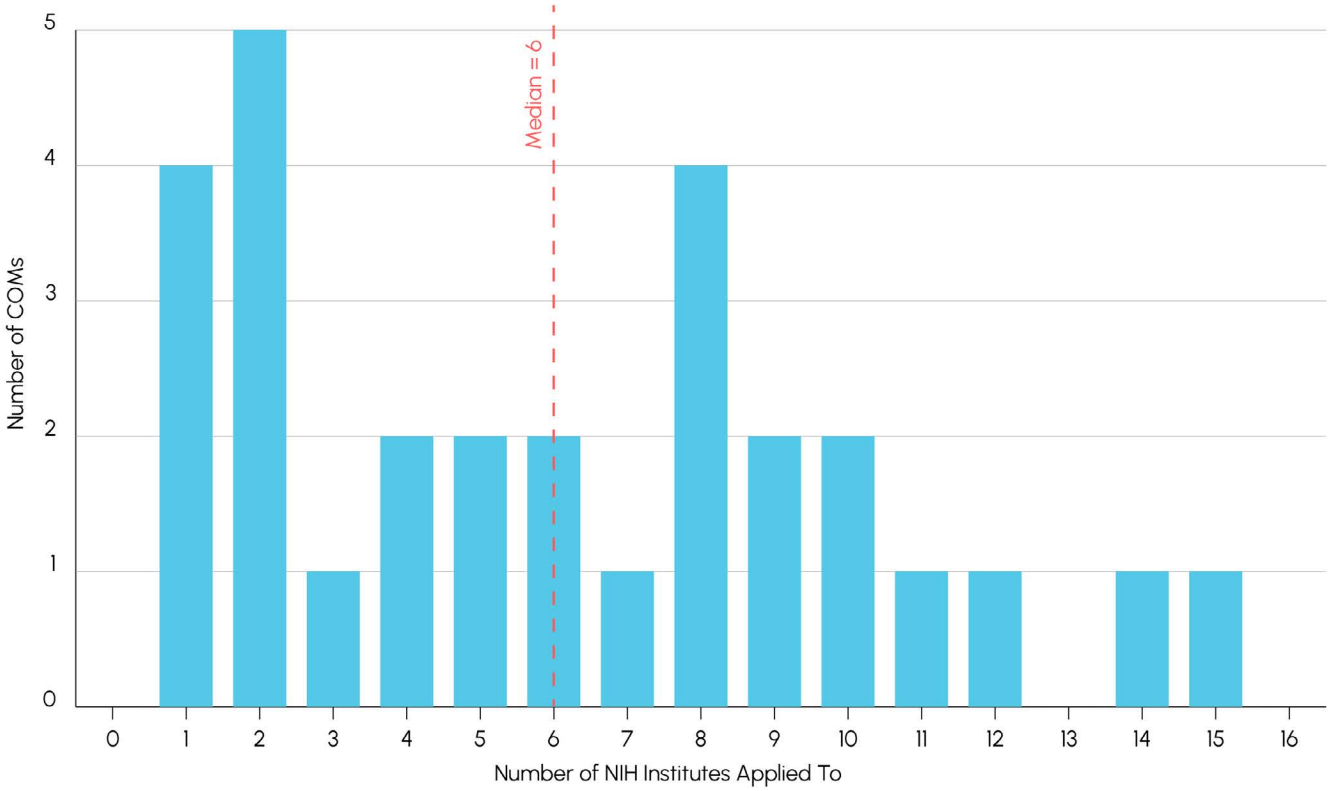
FIGURE 12. Top 10 COMs by NIH Grant Applications (Institute-Level), 2024.



Breadth of Institute Engagement

Among the 29 COMs that reported at least one institute-level application, the median number of NIH Institutes applied to was 6, with a mean of 6.1 and a range of 1 to 15. This suggests that COMs with active NIH portfolios tend to diversify their applications across multiple institutes rather than concentrating on a single funding source. However, no COM applied to more than about half of the 27 ICs, indicating room for broader engagemen

FIGURE 13. Breadth of NIH Institute Engagement Among Active COMs, 2024.



Non-Applicants

Eight reporting units reported zero NIH applications in every survey year in which they responded (2022–2024). These include BUCOM, DCOM at LMU-Knoxville, KHSU-KansasCOM, KYCOM, LECOM, LECOM Bradenton, LMU-DCOM and RVUCOM. While some of these are branch campuses or additional locations that may report NIH activity through their parent institution, the pattern underscores a structural divide: Certain COMs remain entirely outside the NIH funding ecosystem. For newer and pre-accredited COMs, this may simply reflect stage of development; for established programs, it may indicate institutional decisions to prioritize other funding streams or a lack of research infrastructure necessary to support NIH-level applications.

DISCUSSION

Three findings from this analysis deserve particular attention in the context of the broader report.

First, NIH engagement among COMs is widespread but shallow. The majority of reporting units have applied for at least one NIH grant, but application volumes are heavily concentrated in a small number of institutions. The top five COMs account for more than 60% of all institute-level applications, and more than half of all reporting units had zero applications at the institute level. This concentration mirrors the patterns observed in the research inventory (Part I), where MSUCOM and Rowan-Virtua SOM together accounted for more than half of all federally funded projects.

Second, the distribution of applications and awards among NIH Institutes suggests strategic alignment but also missed opportunities. The prominence of NIA, NIAID, NCI, NIGMS and NINDS as the top application targets reflects both COM research strengths (basic science, neuroscience, infectious disease) and growing attention to aging and cancer research. However, institutes that might be particularly well-aligned with osteopathic strengths—such as National Center for Complementary and Integrative Health (NCCIH), with only 9 COMs applying, National Institute on Minority Health and Health Disparities (NIMHD), with 8 COMs and National Institute of Nursing Research (NINR), with 2 COMs—show markedly lower engagement. Given that the osteopathic profession's philosophical orientation toward holistic care, health equity and community-engaged practice aligns naturally with these institutes' missions, the low application volume represents a strategic gap worth addressing.

Third, the data reinforce the case for a two-track funding strategy. While advocating for greater DO representation in traditional NIH review and funding mechanisms remains essential , NIH R01-type funding favors institutions with deep research infrastructure, established investigator networks and substantial institutional match capacity—structural advantages that most COMs lack. The alternative is not abandonment of NIH but rather a strategic diversification that targets mission-aligned agencies (HRSA, AHRQ, PCORI) in parallel while building the institutional capacity needed for competitive NIH applications. The institute-level data suggest that COMs already pursuing this diversified approach (those applying to 10+ institutes) tend to be the same institutions with the highest overall application volumes, implying that breadth and depth of engagement reinforce each other.

LIMITATIONS

This analysis has several limitations. First, as noted above, these data are aggregated over the most recent five years before they are reported by the COMs. The rolling five-year window means that the same grants may appear in multiple survey years, and the relationship between reported applications and awards is not one-to-one. Additionally, the ordinal response categories used in the summary NIH items prevent precise calculation of aggregate application and award volumes; all midpoint-based estimates should be treated as approximations. Self-reporting introduces potential recall bias, particularly for institutions with large portfolios. The institute-level data are available only for 2024 and cover reporting units rather than deduplicated parent institutions, which may overstate the number of engaged COMs. Finally, the survey does not capture application type (R01, R21, R15, etc.) mechanisms or dollar amounts—information that would substantially enrich the analysis.

PART IV:
DISCUSSION AND RECOMMENDATIONS

4.1 DISCUSSION: RESEARCH AT COMS IN CONTEXT

The findings presented across the three sections of this report constitute the most comprehensive account of extramurally funded research at COMs ever assembled. They tell a story of how COMs are producing research that directly addresses issues around health that patients (and the nation) need solved.

Research as a Community Health Benefit

COMs were founded on a philosophy that treats the patient as a unit of body, mind and spirit embedded in a community. The landscape documented in this report reflects that same philosophical commitment in research practice. Across the 611 funded projects inventoried in Part I, the dominant domains (basic sciences, neuroscience, mental and behavioral health, education and workforce development and social determinants of health) map directly onto the health challenges facing the communities COMs serve. This is not coincidental. COMs are disproportionately located in states with rural and medically underserved populations and their research priorities reflect those communities' realities. The implications for community health are significant. Research conducted at and through COMs generates evidence that informs the care delivered by the physicians those same institutions train. When MSUCOM invests in neuroscience research, when Rowan-Virtua SOM builds a portfolio in mental and behavioral health, when OSU-COM pursues pediatric and Native American health research, they are producing knowledge with direct clinical relevance for their communities and patients. This connection between institutional research and the community health benefit is underappreciated in current policy discussions, which tend to treat research funding as an input to the academic enterprise rather than as an investment in local and regional healthcare.

The prominence of research on empathy, interprofessional education and physician-patient communication and relationships—among the most-cited work in the osteopathic medical education literature—suggests that COM researchers are already generating high-impact scholarship in precisely the domains where osteopathic philosophy predicts they should excel. Research on humanistic and whole-person care represents a distinctive contribution that no other segment of the medical education system is positioned to make at scale. That is a competitive advantage for the COM research enterprise.[3]

Research as a Requirement for Education and Training

Research is not an optional adjunct to medical education; it is a requirement woven into every stage of physician development. COCA accreditation standards require COMs to maintain scholarly activity and provide students with opportunities to engage in research. ACGME program requirements across specialties expect residents to demonstrate research and scholarly competency, that include original investigation, quality improvement projects or systematic reviews. The transition to single GME accreditation has raised the stakes: DO students now compete for residency positions in a unified system where research accomplishments are weighted, and where osteopathic applicants report mean research accomplishments of 3.00 compared to 6.97 for allopathic applicants. This gap is not a reflection of student capability; it is a reflection of institutional infrastructure. It is much harder for students to build research portfolios at institutions that lack funded investigators, protected research time for faculty mentors and the administrative support necessary to sustain extramurally funded projects.

3 Hoskins K, Montgomery M, Griffith A, Pollard H, Orr-Roderick D, Schmick D, Strausman J, Wade S, Robertson M, DeArmond M. Trends in osteopathic medical education: a scoping review. J Osteopath Med. 2025 Feb 11;125(6):277-283. doi: 10.1515/jom-2024-0051. PMID: 39946209.

Both the bibliometric study, above, and previously published research indicates that osteopathic physicians have not yet adequately moved from research contributors to research leaders. The finding in orthopaedic surgery that the odds of a DO trainee achieving first authorship increase by a factor of 213 when the senior author is a DO physician is arguably the single most important data point in this report for osteopathic medical education policy[4]. It means that the research pipeline for DO students and residents is not primarily constrained by student interest or capacity, but by the availability of senior DO investigators who can serve as mentors and sponsors. Every investment in faculty research development at COMs is, simultaneously, an investment in the competitiveness and preparedness of the next generation of osteopathic physicians.

The Concentration Problem

Perhaps the most sobering finding across sections of this report is the extreme concentration of research activity. In the inventory, MSUCOM and Rowan-Virtua SOM together accounted for 51.7% of all funded projects. In the NIH analysis, the top five COMs accounted for 60.4% of institute-level applications, and the Gini coefficient of 0.61 quantifies what the tables make visually obvious: COM research is not distributed across the osteopathic medical education community; it is concentrated in a handful of institutions with legacy research infrastructure, affiliated university research ecosystems or public-institution funding models.

This concentration is both a strength and a vulnerability. It is a strength because it demonstrates that COMs can compete for and manage substantial federal research portfolios when the infrastructure exists; it is a vulnerability because the loss or decline of any one of these institutions' research programs would disproportionately affect the entire field's metrics and, more importantly, its capacity to train research-competent physicians.

Addressing this concentration requires a differentiated strategy which recognizes that every COM needs a research strategy that is intentional and aligned with its mission, clinical partnerships and community context. For some institutions, this may mean building toward independent NIH-funded programs. For others, it may mean developing community-based participatory research capacity, joining multi-site networks or specializing in medical education research and improvement science.

4.2 LIMITATIONS OF THIS REPORT

This report represents a landmark first effort to characterize the research landscape across all COMs, but it has significant limitations that should inform how the findings are interpreted and how future data collection is designed.

Data quality and completeness. The research inventory achieved a 72% response rate (30 of 42 COMs), which is strong for a first-administration survey but means that 28% of the COM landscape is unrepresented. Non-respondents may differ systematically from respondents—they may have fewer funded projects and therefore less incentive to complete the survey, which would mean the current data overestimate average research activity per COM. Alternatively, some non-respondents may have robust portfolios that were not captured due to administrative burden or lack of institutional prioritization of the survey.

Measurement limitations. The NIH application and award data from the Annual Survey use ordinal response categories with right-censoring at "More than 20," which prevents precise aggregate estimates. The rolling five-year reporting window creates temporal ambiguity: an award counted in 2024 may have originated from an application submitted before the current window, which is why some institutions show apparent success rates exceeding 100%. Future surveys should replace ordinal

4 Qureshi I, Puga TB, Drawbert H, Muncy ME, Riehl JT. Osteopathic Representation in Orthopaedic Literature: A 25-Year Analysis of Publication Trends of Former AOA Residency Programs and Osteopathic Medical Schools. JBJS Open Access. 2025 Jul 1;10(3):e25.

ranges with exact counts and specify discrete reporting periods to enable trend analysis.

Scope of the inventory. The research inventory captured extramurally funded projects only. Internally funded research, unfunded scholarship and research conducted by COM-affiliated faculty at COM-affiliated institutions (e.g., clinical training sites) without a COM as the prime grant applicant are not represented. This means the report likely generally undercounts total research activity, particularly at institutions where research is supported through internal mechanisms or conducted through university-wide (rather than COM-specific) infrastructure.

Bibliometric limitations. The bibliometric analyses drawn from published literature rely on author-reported institutional affiliations and degree designations. DO authors who do not list their COM affiliation or who publish through affiliated university departments rather than the COM itself, may be undercounted.

Cross-sectional design. This report is essentially a cross-sectional snapshot. It documents the current state of COM research but cannot establish trends over time, except where the Annual Survey provides multi-year NIH data. We have tried to address this limitation somewhat thought the bibliometric analysis.

Uncollected variables. The report does not include data on total research expenditures, grant mechanism types (R01, R21, R15, K-awards, etc.), dollar amounts requested or awarded, indirect cost rates or faculty FTE dedicated to research. These variables would substantially strengthen future work, and subsequent report iterations should prioritize their inclusion.

4.3 RECOMMENDATIONS

The following recommendations are organized into three domains: policy and advocacy, institutional action and future research.

Policy and Advocacy Recommendations

4.3.1 Advocate for DO representation on NIH study sections and advisory councils. Congress has made clear that strengthening osteopathic research is key to advancing primary care, reducing rural and underserved disparities and promoting nonpharmacological care. Report language in FY22–FY26 appropriations bills has called for increased NIH support for osteopathic research and representation. In September 2024, 37 bipartisan, bicameral lawmakers urged the NIH Director to expand funding—following a similar 2022 letter signed by 26 members.

The complete absence of DO recipients of NIH R01 grants in emergency medicine (2006–2016) and the broader pattern of underrepresentation documented in this report reflect, in part, a reviewer ecosystem that does not include osteopathic perspectives[5]. This is not merely an equity argument; it is a scientific quality argument—review panels that exclude community-oriented, primary care and whole-person research perspectives produce funding decisions that systematically undervalue the research that patients and communities need, and that COMs are best positioned to conduct.

4.3.2 Pursue strategic engagement with mission-aligned federal agencies. COMs have concentrated their federal funding efforts on NIH, where structural disadvantages are greatest, while underutilizing agencies whose missions align more naturally with COM strengths. HRSA (particularly the Bureau of Health Workforce and Office of Rural Health Policy), AHRQ, PCORI and NSF (particularly the Directorate for STEM Education) fund research in primary care, rural health, health equity, medical education and community-engaged methods. These agencies represent a more accessible entry point for COMs building research capacity, and their funding priorities align directly with the research domains where COM investigators are already publishing. COMs newer to federally funded research would benefit from targeted technical assistance programs to support COM applications to these agencies.

4.3.3 Advocate for NIH mechanisms tailored to community-based and primary care research. The R15 Academic Research Enhancement Award, designed explicitly for institutions that have not been major NIH recipients, is underutilized by COMs despite its direct relevance to the COM research development context. To grow the COM research enterprise, the R15 program should be expanded and new programs should be created to support practice-based multi-COM research networks and development of collaborative R01-equivalent mechanisms that allow multi-institutional applications with distributed budgets—a structure well-suited to the geographically dispersed but philosophically aligned COM ecosystem.

Institutional Recommendations for COMs

4.3.4 Develop and implement a written institutional research strategy. The concentration data in this report suggest that many COMs may operate without an intentional research strategy that identifies their distinctive research strengths based on faculty expertise, clinical partnerships and community context; sets specific, measurable goals for extramural funding, publication output and student research engagement; allocates resources to achieve those goals, including protected faculty time and administrative support; and is reviewed and updated annually by COM leadership. The strategy need not target NIH R01 funding for every institution—but it should target something.

5 Antony M, Savino J, Ashurst J. Difference in R01 Grant Funding Among Osteopathic and Allopathic Emergency Physicians over the Last Decade. West J Emerg Med. 2017 Jun;18(4):621-623. doi: 10.5811/westjem.2017.1.32964. Epub 2017 Apr 17. PMID: 28611882; PMCID: PMC5468067

4.3.5 Invest in senior DO researcher development as the highest-leverage intervention. When the senior author of a publication is an osteopathic physician, the odds of a DO trainee achieving first authorship increase by a factor of 213[6]. This has direct implications for resource allocation: developing DO senior investigators is not just a faculty benefit; it is a pipeline intervention with multiplicative downstream effects. COMs should provide protected research time for faculty with active research programs; startup packages for newly recruited research faculty that include pilot funding, statistical support and grant writing mentorship; inter-COM mentorship pairings that connect junior faculty at emerging research programs with senior investigators at established ones; and promotion and tenure criteria that recognize extramural funding alongside publication counts.

4.3.6 Build practice-based research network (PBRN) infrastructure. Many COMs lack traditional academic medical centers but maintain extensive community-based clinical training networks. These networks are an underexploited research asset. COMs should formalize relationships with clinical training sites as PBRN nodes, invest in data infrastructure that enables practice-based research, train community preceptors as research collaborators and develop streamlined IRB processes for multi-site community research. This reframes a perceived structural limitation -- the absence of an academic research hospital -- as a distinctive strength: access to real-world practice settings that are underrepresented in the national research portfolio and directly relevant to the populations that COMs serve.

4.3.7 Convert conference presentations to peer-reviewed publications. The nearly even split between journal articles (42%) and conference presentations (40%) documented in the bibliometric analysis represents the largest untapped reservoir of potential scholarly impact in the COM ecosystem[7]. As a field, researchers affiliated with COMs and conducting osteopathically-aligned research should establish writing groups, manuscript development workshops and protected writing time specifically designed to convert poster and podium presentations into peer-reviewed publications.

4.3.8 Build the research pipeline through structured student engagement. The research accomplishment gap between osteopathic and allopathic residency applicants (3.00 vs. 6.97) is a structural artifact of institutional capacity, not a reflection of student capability[8]. COMs should establish or expand scholarly concentration tracks as elective options; summer research programs with inter-COM exchange components; dual DO-PhD pathways; research mentorship matching systems that connect students with funded investigators early in the curriculum; and financial support for conference presentation and manuscript preparation. Curriculum-integrated research literacy—biostatistics, critical appraisal and responsible conduct of research—should be standard across all COMs regardless of institutional research intensity. These are baseline requirements for preparing physicians who can evaluate evidence and contribute to the scientific conversation in their fields.

Future Research and Data Collection

The recommendations above address current, documented opportunities and gaps. The following three directions look beyond the present baseline toward what the osteopathic research community could be building over the next five to ten years. They are grounded in the findings of this report but require collective action across institutions, professional organizations and funders rather than individual institutional decisions.

6 Qureshi I, Puga TB, Drawbert H, Muncy ME, Riehl JT. Osteopathic Representation in Orthopaedic Literature: A 25-Year Analysis of Publication Trends of Former AOA Residency Programs and Osteopathic Medical Schools. JBJS Open Access. 2025 Jul 1;10(3):e25.

7 Citation:Hoskins K, Montgomery M, Griffith A, Pollard H, Orr-Roderick D, Schmick D, Strausman J, Wade S, Robertson M, DeArmond M. Trends in osteopathic medical education: a scoping review. J Osteopath Med. 2025 Feb 11;125(6):277-283. doi: 10.1515/jom-2024-0051. PMID: 39946209

8 Matthews CN, Estrada DC, George-Weinstein M, Claeson KM, Roberts MB. Evaluating the Influence of Research on Match Success for Osteopathic and Allopathic Applicants to Residency Programs. J Am Osteopath Assoc. 2019 Sep 1;119(9):588-596. doi: 10.7556/jaoa.2019.102. Erratum in: J Am Osteopath Assoc. 2020 Jan 1;120(1):5. doi: 10.7556/jaoa.2020.003. PMID: 31449305

4.3.9 Establish a COM Research Scholars Network. The concentration of senior DO investigators at a small number of institutions requires structural intervention: the profession needs a formal mechanism to distribute research mentorship across the COM ecosystem. A COM Research Scholars Network would place DO students, residents and new faculty in funded research environments at partner institutions with explicit mentorship from senior DO investigators, defined publication goals and supported manuscript development. This would simultaneously address the two variables the data identify as most consequential (mentorship access and research output) while building the inter-institutional connections that the current (5.5%) multi-COM collaboration rate suggests are not yet developing organically.

4.3.10 Develop a COM research taxonomy aligned with the osteopathic tenets. COM research aligns with osteopathic principles but lacks a shared vocabulary for describing that alignment. The prominent clustering of humanistic and whole-person care research in the most-cited osteopathic medical education literature suggests that the alignment is real and legible, but it is not yet systematically documented or used strategically. The profession should develop a formal research taxonomy that maps research domains to the four osteopathic tenets. This tool would serve multiple purposes: strengthening institutional identity by giving researchers a shared framework for situating their work; supporting advocacy by making the osteopathic distinctiveness of COM research visible to policymakers and funders; and enabling systematic tracking of the field's alignment with its philosophical foundations over time.

4.3.11 Establish and sustain a longitudinal COM research monitoring system. This report provides a cross-sectional baseline, but the field needs longitudinal data to assess trends, evaluate the effects of interventions and hold institutions and the profession accountable to their research strategies. A standardized annual reporting system, integrated with existing public databases including NIH RePORTER, HRSA data warehouse and NSF Award Search, would reduce the institutional reporting burden while producing the longitudinal dataset the field currently lacks.

4.4 Conclusion. The 611 funded research projects, 338 principal investigators and 32,877 publications documented in this report constitute the first empirical baseline of the COM-affiliated research enterprise. They reveal a field that is genuinely productive and broadly distributed across topics, journals, and institutional types—and simultaneously one whose capacity is concentrated in a small number of institutions. Two COMs account for more than half of all funded projects. Five COMs account for 60.4% of all NIH institute-level applications. This inequality (a Gini coefficient of 0.61 is more unequal than the distribution of U.S. household income) quantifies the structural reality facing the osteopathic research ecosystem. For all its collective output, research at or affiliated with COMs does not yet function as a distributed network. That is the central challenge this report documents.

The data also identify where the highest-leverage opportunities lie. Developing senior DO researchers is the most direct investment in the pipeline of future osteopathic scientists. A substantial body of completed scholarship is not reaching its potential audience or accumulating the citations it could. And the underutilization of mission-aligned federal agencies and NIH institutes—NCCIH, NIMHD, NINR, HRSA, AHRQ, and PCORI—represents a funding gap driven by strategy and structural inequity, not by the absence of qualifying research.

The foundation this report documents is real. Where COMs have built research infrastructure, they compete. The task now is to extend that capacity deliberately and broadly—through mentorship, through dissemination, through funding strategy and through the inter-institutional collaboration that a 5.5% multi-COM co-authorship rate shows has barely begun. The measure of success is not be whether COM research resembles the output of research-intensive universities, but whether the communities COMs and their osteopathic physician graduates, were built to serve—rural, underserved, underrepresented in the patient populations of academic medical centers—are healthier because of the research COMs produced.

Genes as Medicine: Advancing a New Era of Osteopathic Innovation

The promise of better health for his patients and hope for their families has always underpinned the work of physician and researcher Andrea Amalfitano, DO, PhD. Dr. Amalfitano studies acquired and genetic, often rare, diseases at **Michigan State University College of Osteopathic Medicine (MSU-COM)** to develop gene and immune-based therapies, allowing his patients to live longer, healthier lives.

Dr. Amalfitano examining genetically engineered cells in his laboratory at MSU-COM

His early work on Pompe Disease generated the breakthrough FDA-approved enzyme replacement therapy, Myozyme. After years of research and development, his efforts were able to shape evidence-based care for patients far beyond his clinical practice.

"Because I see patients every day, in order to invest in an [research] effort, I have to see the translational outcome. That's really helped me find problems to investigate that I find interesting. It's about bringing innovation back to the bedside," Dr. Amalfitano shared.

Today, Dr. Amalfitano's lab at MSU-COM leads research seeking to reengineer viruses as safe, effective vehicles for gene medicines. Using this technology, his team is working on addressing cancers, genetic disorders and even infectious diseases like HIV and COVID-19.

Dr. Amalfitano with a pediatric patient and family

"We're trying to design therapies that stimulate the body's own immune system to fight disease," Dr. Amalfitano shared. Behind Dr. his approach lies a core concept of the **osteopathic philosophy**: the body's self-healing capabilities.

"It certainly is thrilling to think about the fact that we can use genes as medicine, to stimulate the body's own immune system to fight back. It truly is fascinating that you can manipulate a system like the immune system to affect a lot of potential diseases," Dr. Amalfitano shared, noting the osteopathic nature of his research.

Dr. Amalfitano's work—and the broader growth of osteopathic-aligned research—has been powerfully supported by the **Osteopathic Heritage Foundation (OHF)**, which enabled him to return to his alma mater, supplied critical resources for his lab and allowed him to build a successful environment for future physician scientists.

"The OHF's support is a testament to their dedication to seeing our profession not only survive but [also] prosper and innovate. They continue to bring resources to retain faculty and researchers that benefit the [COM]. So, I hope I fulfill that for them," Dr. Amalfitano notes.

For Dr. Amalfitano, the increase in DO physician scientists represents new opportunities for osteopathic-aligned research that highlights the profession's strengths: holistic philosophy, strong ties to primary care and deep community engagement. He believes these attributes uniquely position the profession to tackle some of medicine's most pressing challenges.

Caption: Dr. Amalfitano in the lab with a student

"We're engaged in ways that are unique, especially in underserved areas, and there's huge opportunity there," he said, reflecting on the community-based training model osteopathic medicine employs.

Through curiosity, compassion and a steadfast commitment to translating science into healing, Dr. Amalfitano is delivering hope for his patients and inspiring a new generation of physician scientists to ask bold questions and seek innovation.

The Science of Touch: Bridging the Gap Between Experience and Evidence

For more than 150 years, osteopathic manipulative medicine (OMM) has been a unique and distinguishing tool for the osteopathic profession to catalyze health. When Endowed Chair for Research in Osteopathic Diagnostic and Therapeutic Palpation at A.T. Still University's Kirksville College of Osteopathic Medicine (ATSU-KCOM) Brian Degenhardt, DO, first witnessed the power of OMM as a medical student, he was captivated.

Dr. Degenhardt views OMM as a truly personalized medicine where the physician's skill, combined with an understanding of the patient's unique context, leads to more effective care. His curiosity for understanding the undying mechanisms behind OMM has propelled OMM research forward, helping build the evidentiary foundation for the practice and inspiring osteopathic physicians and students to pursue medicine through inquiry and innovation.

Dr. Degenhardt demonstrating OMM techniques with students

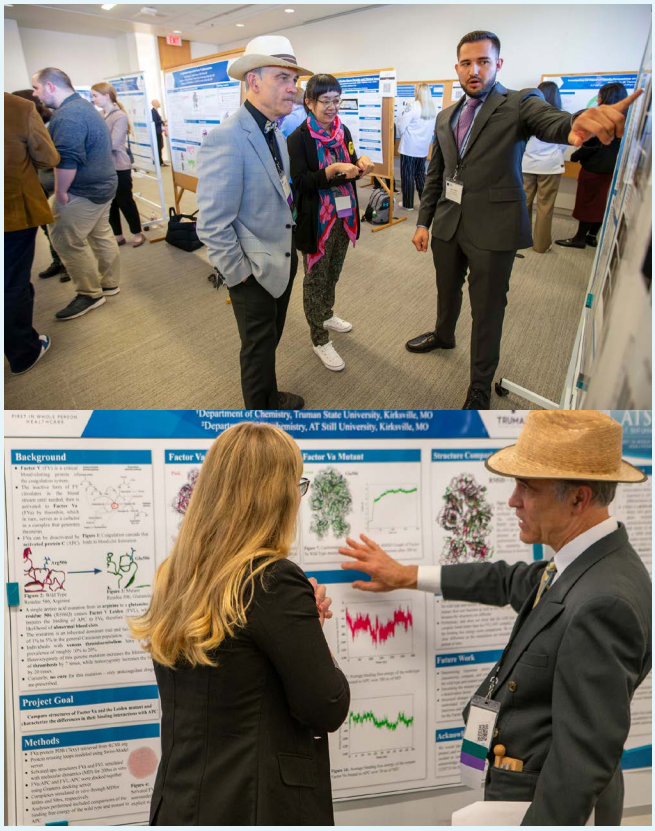
In 2010, Dr. Degenhardt was part of a landmark study, supported by the Osteopathic Heritage Foundation (OHF), that examined the efficacy of OMM to treat hospitalized older patients with pneumonia, known as the **Multicenter Osteopathic Pneumonia Study in the Elderly (MOPSE)**. Though the study was underpowered for definitive outcomes, patients who received OMM in addition to conventional treatment went home faster, had less serious adverse events from the pneumonia and saw reduced costs for care.

Under his leadership, new tools and protocols were developed to measure the exact forces applied during manipulative treatments and assess physician precision in detecting skeletal asymmetry—key indicators for identifying dysfunction and promoting health. He also helped establish **DO-Touch.NET**, a global practice-based research network that collects real-world outcomes about patients' experiences with OMM and collected data showing that 83 percent of patients treated with OMM reported symptom improvement immediately after treatment and 75 percent after one week.

By developing frameworks that support consistent measurement of the efficacy and outcomes of OMM, his research laid the foundation of evidence and outcomes needed for today's science-based approach to care.

He credits OHF for the opportunity to pursue what matters most improving care and health. "I have been so thankful for this opportunity. What I've been able to accomplish and the careers of others that I've been able to support, I think is quite remarkable and important," Dr. Degenhardt reflected.

The osteopathic profession's holistic philosophy can—and should—shape the future of medicine, Dr. Degenhardt believes. And early engagement in research for osteopathic medical students helps shape physicians who are active contributors in the scientific process and bring their holistic focus to all stages.



Dr. Degenhardt at the annual Interdisciplinary Biomedical Research Symposium held on ATSU-COM's Kirksville campus

"Our responsibility is to care for the health of our population," Dr. Degenhardt explained. "We bring unique perspectives and questions to the research process, which without us, the outcomes aren't going to have that holistic perspective that the osteopathic philosophy could offer."

Looking ahead, Dr. Degenhardt envisions a future where osteopathic research is integral to all aspects of healthcare. As he makes advancements in osteopathic research, he also inspires new generations of future DOs to enact change through innovation.

APPENDICES

APPENDIX A: SURVEY INSTRUMENT

OSTEOPATHIC RESEARCH INVENTORY 2025

OSTEOPATHIC RESEARCH INVENTORY INTRODUCTION

We invite you to participate in a **landmark initiative** to create the **first-ever national inventory of extramurally funded osteopathic research**. This effort, led by AACOM and the Osteopathic Heritage Foundation, will provide a **comprehensive understanding of research funding, priorities, and opportunities** across all Colleges of Osteopathic Medicine (COMs).

Why Your Participation Matters Osteopathic medical schools conduct critical research that advances basic and clinical science, patient care, medical education, and community health. However, there has never been a comprehensive accounting of extramurally funded osteopathic research across institutions. By compiling this data, we will:

- ✔ **Strengthen advocacy efforts** to increase research funding for osteopathic medicine.
- ✔ **Identify funding trends and new opportunities** to support COM research initiatives.
- ✔ **Demonstrate the impact of osteopathic research** to policymakers, funders, and the broader medical community.

What We Need from You

This survey is designed to capture **your institution's current externally funded research portfolio,** including:

- **Active research grants and contracts** (federal, private, industry, and foundation funding) and the source of the funding.
- **Principal investigators** leading funded projects.
- **Research focus areas** and brief project descriptions.
- Additionally, we ask that you provide **contact information for funded researchers at your institution,** as we will be conducting follow-up outreach to:
  - Gain deeper insights into their research and its impact.
  - Explore connections to osteopathic philosophy and the tenets of osteopathic medicine.
  - Identify potential collaborations and funding opportunities.

How Your Data Will Be Used

Your responses will be **triangulated with public funding databases** (e.g., NIH RePORTER, HRSA, NSF, USAspending.gov) to ensure a robust and validated research inventory. All data will be aggregated, and institutional findings will be shared for review before final publication.

Next Steps

We ask that you complete a list of your COM's extramurally funded research prior to starting the survey, with lead researchers and their contact information. This may take you a few hours, depending on how your COM keeps this data. Once you have collected this information, the survey will take approximately **15 minutes** to complete.

We kindly request your participation by **March 10** to ensure that your institution's research is represented. Your participation is **critical** in showcasing the collective research strength of osteopathic medicine and in advocating for **greater recognition and funding for COM research**.

Thank you for your time and contribution to advancing osteopathic research. If you have any questions, please contact Mark Speicher (AACOM's Senior Director, Research, Learning and Innovation) at mspeicher@aacom.org.

Best regards,

Mark Speicher, PhD
Senior Vice President, Research, Learning and Innovation
mspeicher@aacom.org
602-319-3895

Q2 Tell us about yourself (COR Member)

First Name _____ Last Name _____ Email _____

Q3 Please identify the COM and any other additional locations where you oversee research (Check all that apply)

- ☐ ACOM (67)
- ☐ ARCOM (68)
- ☐ ATSU-KCOM (69)
- ☐ ATSU-SOMA (70)
- ☐ AZCOM (71)
- ☐ Burrell COM (72)
- ☐ BUCOM (73)
- ☐ Burrell COM (74)
- ☐ BCOM - FIT (75)
- ☐ CCOM (76)
- ☐ CHSU-COM (77)
- ☐ CUSOM (78)
- ☐ LMU-DCOM (79)
- ☐ DCOM at LMU-Knoxville (80)
- ☐ DMU-COM (81)
- ☐ DUQCOM (82)
- ☐ ICOM (83)
- ☐ KCU-Kansas (84)
- ☐ KCU-Joplin (85)
- ☐ KHSU-KansasCOM (86)
- ☐ LECOM (87)
- ☐ LECOM Bradenton (88)
- ☐ LECOM Elmira (89)
- ☐ LECOM Seton Hill (90)
- ☐ MSUCOM (91)
- ☐ MU-WCOM (92)
- ☐ Noorda COM (93)
- ☐ NSU-KPCOM (94)
- ☐ NSU-KPCOM Clearwater (95)
- ☐ NYITCOM Long Island (96)
- ☐ NYITCOM at Arkansas State (97)
- ☐ OCOM (98)
- ☐ OSU-COM (99)
- ☐ OSUCOM at the Cherokee Nation (100)
- ☐ OU-HCOM (101)
- ☐ OU-HCOM Cleveland (102)
- ☐ OU-HCOM Dublin (103)
- ☐ PCOM (104)
- ☐ PCOM Georgia (105)
- ☐ PCOM South Georgia (106)
- ☐ PNWU-COM (107)
- ☐ Rowan-Virtua SOM (108)
- ☐ Rowan-Virtua SOM Sewell (109)
- ☐ RVUCOM (110)
- ☐ RVUCOM Southern Utah (111)
- ☐ SHSU-COM (112)
- ☐ TouroCOM (113)
- ☐ TouroCOM-Middletown (114)
- ☐ TouroCOM-Montana (115)
- ☐ TUCOM-CA (116)
- ☐ TUNCOM (117)
- ☐ UIWSOM (118)
- ☐ UNE COM (119)
- ☐ UNTHSC/TCOM (120)
- ☐ UP-KYCOM (121)
- ☐ VCOM-Virginia (122)
- ☐ VCOM-Auburn (123)
- ☐ VCOM-Carolinas (124)
- ☐ VCOM-Louisiana (125)
- ☐ WCUCOM (126)
- ☐ WesternU/COMP (127)
- ☐ WesternU/COMP-Northwest (128)
- ☐ WVSOM (129)
- ☐ Other (130)

Q4 How many current, externally funded projects are you reporting from your COM?

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 1

Q5 Research Topic 1

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 2

Q6 Research Topic 2

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 3

Q7 Research Topic 3

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 4

Q8 Research Topic 4

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 5

Q9 Research Topic 5

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 6

Q10 Research Topic 6

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 7

Q11 Research Topic 7

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 8

Q12 Research Topic 8

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 9

Q13 Research Topic 9

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 10

Q14 Research Topic 10

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 11

Q15 Research Topic 11

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 12

Q16 Research Topic 12

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 13

Q17 Research Topic 13

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 14

Q18 Research Topic 14

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

DISPLAY THIS QUESTION:

If If How many current, externally funded projects are you reporting from your COM? Text Response Is Greater Than or Equal to 15

Q19 Research Topic 15

Research Description (1)

Funding Source (4)

Lead Researcher (2)

Primary Contact Email (3)

Q6 Do you have any questions for AACOM Research Team?

APPENDIX B:
TOTAL AND FEDERAL ONLY GRANTS AND NUMBER OF UNIQUE PRINCIPAL INVESTIGATORS BY COM

ORIGINAL RESPONDENTS						
COM	**N (ALL PROJECTS)**	**%**	**N (Federal Only)**	**%**	**Unique PI**	**%**
ARCOM	10	1.6	1	0.4	7	2.0
ATSU-KCOM,ATSU-SOMA	4	0.7	1	0.4	4	1.2
BCOM and BCOM Melbourne	6	1.0	2	0.7	6	1.8
DMU-COM	9	1.5	4	1.4	8	2.3
MU-WCOM- Marian University	5	0.8	4	1.4	3	0.9
NYITCOM (All campuses)	15	2.5	9	3.2	14	4.1
OU-HCOM (All campuses)	18	2.9	9	3.2	16	4.7
PCOM (All campuses)	21	3.4	5	1.8	15	4.4
TOURO-NY (All campuses)	14	2.3	12	4.3	7	2.0
UNECOM	40	6.5	33	11.9	20	5.8
WesternU-COMP (All campuses)	24	3.9	13	4.7	15	4.4
NEW RESPONDENTS						
Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	22	3.6	10	3.6	18	5.3
Chicago College of Osteopathic Medicine (CCOM)	4	0.7	4	1.4	3	0.9
CHSU-COM	3	0.5	1	0.4	3	0.9
CUSOM	4	0.7	0	0.0	4	1.2
KCU-Kansas City and KCU-Joplin	11	1.8	2	0.7	8	2.3
KYCOM	4	0.7	3	1.1	4	1.2
LMU DCOM- all campuses	2	0.3	1	0.4	1	0.3
LUCOM	1	0.2	1	0.4	1	0.3
MSUCOM	203	33.2	89	32.0	67	19.6
OSU- all campuses	33	5.4	10	3.6	19	5.6
Rowan- Virtua SOM- all campuses	113	18.5	44	15.8	77	22.5
SHSU-COM	2	0.3	1	0.4	2	0.6
TCOM	29	4.7	15	5.4	11	3.2
TUCOM-CA	14	2.3	4	1.4	9	2.6
TOTAL	**611**	**100.0**	**278**	**100.0**	**342**	**100.0**
REPORTED NO GRANTS- 5 COMS						
UIWSOM	0	0	0	0	0	0
ICOM	0	0	0	0	0	0
OCOM	0	0	0	0	0	0
Meritus School of Osteopathic Medicine (MSOM)	0	0	0	0	0	0
BUCOM	0	0	0	0	0	0

APPENDIX C:
RESEARCH TOPICS OVERALL TOTAL AND PERCENTAGE

CODE	TOPIC	N	%
1	Neuroscience, Neurology, and Cognitive Disorders	105	17.2
2	Pain, OMT, and Musculoskeletal Research	30	4.9
3	Osteopathic Philosophy, Mechanisms, and Practice		0.0
4	Cardiovascular and Metabolic Disorders	19	3.1
5	Nutrition, Obesity, Diabetes, and Metabolism	34	5.6
6	Infectious Diseases and Immunology	16	2.6
7	Mental Health, Substance Use, and Behavioral Health	63	10.3
8	Women's and Maternal Health	13	2.1
9	Oncology and Cancer-related Research	27	4.4
10	Public Health and Epidemiology	12	2.0
11	Education and Workforce Development	52	8.5
12	Basic Sciences and Genetics	137	22.4
13	Medical Technology and Innovation	1	0.2
14	Geriatric, Aging Medicine	11	1.8
15	Pediatric Medicine	32	5.2
16	Communication/Interprofessional	5	0.8
17	GME	2	0.3
18	Anatomy	7	1.1
19	Native American	8	1.3
20	Anthropology/Paleontology	12	2.0
21	Infectious Diseases and Immunology	4	0.7
22	Social Determinants of Health; Rural Heatlh	17	2.8
23	Natural Resources, Environmental, and Biodiversity	3	0.5
24	Primary Care	1	0.2
		611	**100.0**

APPENDIX D:
RESEARCH TOPICS BY COM

CODE	TOPIC	COM									
		ARCOM	ATSU-KCOM,ATSU-SOMA	BCOM and BCOM Melbourne	DMU-COM	MU-WCOM- Marian University	NYITCOM (All campuses)	OU-HCOM (All campuses)	PCOM (All campuses)	TOURO-NY (All campuses)	UNECOM
1	Neuroscience, Neurology, and Cognitive Disorders						3	2	3	1	5
2	Pain, OMT, and Musculoskeletal Research		1	1				1	1		8
3	Osteopathic Philosophy, Mechanisms, and Practice										
4	Cardiovascular and Metabolic Disorders						3	1	1	1	
5	Nutrition, Obesity, Diabetes, and Metabolism	4			1		3	3		1	2
6	Infectious Diseases and Immunology										
7	Mental Health, Substance Use, and Behavioral Health				1			2	8		3
8	Women's and Maternal Health						2	1			
9	Oncology and Cancer-related Research				1		1	1			
10	Public Health and Epidemiology			1		1			1		
11	Education and Workforce Development	3		1		1	1				3
12	Basic Sciences and Genetics		2	2	1	3	1	4	4	7	13
13	Medical Technology and Innovation										
14	Geriatric, Aging Medicine	1						2	1	3	1
15	Pediatric Medicine	2									
16	Communication/Interprofessional		1		1				1		
17	GME			1							
18	Anatomy				1		1				3
19	Native American				1						
20	Anthropology/Paleontology				1			1			
21	Infectious Diseases and Immunology										
22	Social Determinants of Health; Rural Heatlh				1				1	1	2
23	Natural Resources, Environmental, and Biodiversity										
24	Primary Care										
	TOTAL	**10**	**4**	**6**	**9**	**5**	**15**	**18**	**21**	**14**	**40**
	Percentage	**1.6**	**0.7**	**1.0**	**1.5**	**0.8**	**2.5**	**2.9**	**3.4**	**2.3**	**6.5**

WesternU-COMP (All campuses)	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Chicago College of Osteopathic Medicine (CCOM)	CHSU-COM	CUSOM	KCU-Kansas City and KCU-Joplin	KYCOM	LMU DCOM- all campuses	LUCOM	MSUCOM	OSU- all campuses	Rowan- Virtua SOM- all campuses	SHSU-COM	TCOM	TUCOM-CA	**TOTAL**	**Percentage (%)**
2	7				1				42		26		13		**105**	**17.2**
4		1							9		4				**30**	**4.9**
																0.0
1					1				9		1			1	**19**	**3.1**
4		1							8		1			6	**34**	**5.6**
									15	1					**16**	**2.6**
					1				13	3	25		5	2	**63**	**10.3**
					2				5		2		1		**13**	**2.1**
					4			1	11		7			1	**27**	**4.4**
1									8						**12**	**2.0**
2			1	2	1		1		10	6	13	1	4	2	**52**	**8.5**
8	8	2	1			3			49	2	25			2	**137**	**22.4**
													1		**1**	**0.2**
	1				1						1				**11**	**1.8**
									14	11	2		3		**32**	**5.2**
			1									1			**5**	**0.8**
													1		**2**	**0.3**
1										1					**7**	**1.1**
										7					**8**	**1.3**
1	6			1		1				1					**12**	**2.0**
									4						**4**	**0.7**
				1			1		3	1	5		1		**17**	**2.8**
									3						**3**	**0.5**
											1				**1**	**0.2**
24	**22**	**4**	**3**	**4**	**11**	**4**	**2**	**1**	**203**	**33**	**113**	**2**	**29**	**14**	**611**	**100**
3.9	**3.6**	**0.7**	**0.5**	**0.7**	**1.8**	**0.7**	**0.3**	**0.2**	**33.2**	**5.4**	**18.5**	**0.3**	**4.7**	**2.3**	**100.0**	

APPENDIX E:
LIST OF INDIVIDUAL PROJECTS BY COM

ORIGINAL RESPONDENTS

Unique Number	COM	Research Project	Research Topic	Research Topic Code
1	ARCOM	Community-based exercise programs for people with neurological diagnoses	Nutrition, Obesity, Diabetes, and Metabolism	5
2	ARCOM	Geriatric Education	Geriatric, Aging Medicine	14
3	ARCOM	Supported High Intensity Fitness Training And Recreation	Nutrition, Obesity, Diabetes, and Metabolism	5
4	ARCOM	Supported High Intensity Fitness Training And Recreation	Nutrition, Obesity, Diabetes, and Metabolism	5
5	ARCOM	HIRED: Tomorrow's Arkansas Biomedical Innovators: Bridging Gaps in Medical Technology Workforce	Education and Workforce Development	11
6	ARCOM	NBME Innovations to Advance Pathways and Bridges to Medicine Grant - CHE Mentoring and Achievement Preparation Program: ARCOM	Education and Workforce Development	11
7	ARCOM	Enhancing Medical Students' Competence in Nutrition through Culinary Medicine	Nutrition, Obesity, Diabetes, and Metabolism	5
8	ARCOM	AACOM UME-GME Task Force Residency Readiness Bootcamp	Education and Workforce Development	11
9	ARCOM	Kids Camp	Pediatric Medicine	15
10	ARCOM	Garden Program for Kids	Pediatric Medicine	15
11	ATSU-KCOM,ATSU-SOMA-updated	Role of OMT in the Management of Persistent Post-Covid 19 Symptoms- A Pilot Prospective Cohort Study	Pain, OMT, and Musculoskeletal Research	2
12	ATSU-KCOM,ATSU-SOMA	Autonomic PASC Syndromes Arising from Functional Autoantibodies against G-protein Coupled Receptors	Basic Sciences and Genetics	12
13	ATSU-KCOM,ATSU-SOMA	Development of Chatbox Website for On-Call Nurse Messaging Simulation	Communication/Interprofessional	16
14	ATSU-KCOM,ATSU-SOMA	Fellows Grant Award Project	Basic Sciences and Genetics	12
15	BCOM and BCOM Melbourne-updated 9/22/25	The Southwest Transformative Educational Advancement Mentoring (STEAM) Network	Education and Workforce Development	11
16	BCOM and BCOM Melbourne	Enhancing and Expanding GME in Dona Ana County, NM	GME	17
17	BCOM and BCOM Melbourne	New Mexico IDeA Networks of Biomedical Research Excellence (NM-INBRE)	Basic Sciences and Genetics	12
18	BCOM and BCOM Melbourne	Rate of MRSA Acquisition in Medical Students from Pre-Clinical to Clinical Years	Public Health and Epidemiology	10

Unique Number	COM	Research Project	Research Topic	Research Topic Code
19	BCOM and BCOM Melbourne	Investigating the Efficacy of OMT to Recover Olfactory Perception After COVID-19	Pain, OMT, and Musculoskeletal Research	2
20	BCOM and BCOM Melbourne	Optimization of Splenic Pump to Induce Translocation of Immune Cells from the Spleen to the Systemic Circulation	Basic Sciences and Genetics	12
21	DMU-COM	Elucidating the role of the Branched Chain Aminotransferases (BCATc and BCATm) as novel metabolic checkpoints of anti-lymphoma T cell immunity	Oncology and Cancer-related Research	9
22	DMU-COM	GluD1 regulation of structural plasticity in chronic ethanol exposure and protracted withdrawal	Mental Health, Substance Use, and Behavioral Health	7
23	DMU-COM	Empirical Analysis of Saw Mark Characteristics in Human Bone: Meeting Forensic Standards in Dismemberment Cases	Anatomy	18
24	DMU-COM	Contract to conduct a review of material at the Illinois State Museum to recover any possible human remains for repatriation to Native American tribes.	Native American	19
25	DMU-COM	Natural Trap 2.0: Paleontology - study of specimens from Natural Trap Cave, Wyoming.	Anthropology/Paleontology	20
26	DMU-COM	Effectiveness of a Small Group Activity (SKIPPs) for Interprofessional Learning	Communication/Interprofessional	16
27	DMU-COM	Development of a Novel Vasorelaxing Peptide	Basic Sciences and Genetics	12
28	DMU-COM	Enhancement of education in culturally and socially responsible healthcare	Social Determinants of Health	22
29	DMU-COM	Estrogen-Mediated Transcriptional Regulation of Exercise Engagement	Nutrition, Obesity, Diabetes, and Metabolism	5
30	MU-WCOM- Marian University	Investigating whether Chlamydia trachomatis can increase the infectivity of HPV during genital tract infection	Public Health and Epidemiology	10
31	MU-WCOM- Marian University	Teaching Health Center Planning and Development Program	Education and Workforce Development	11
32	MU-WCOM- Marian University	Modulation of Macrophage Antifungal Activity by the Transcriptional Co-regulator CITED1	Basic Sciences and Genetics	12
33	MU-WCOM- Marian University	The Convivium Initiative: What Do You Really Teach?	Basic Sciences and Genetics	12
34	MU-WCOM- Marian University	NMUR2 in bone formation	Basic Sciences and Genetics	12
35	NYITCOM (All campuses)	Maternal Health Research in Arkansas	Women's and Maternal Health	8

Unique Number	COM	Research Project	Research Topic	Research Topic Code
36	NYITCOM (All campuses)	Maternal Health Research in Arkansas	Women's and Maternal Health	8
37	NYITCOM (All campuses)	NYITCOM SHARE - STEM Summer Research for K-12	Education and Workforce Development	11
38	NYITCOM (All campuses)	RgIA5474 as a novel □9□10 nicotinic acetylcholine receptor antagonist to treat migraine	Basic Sciences and Genetics	12
39	NYITCOM (All campuses)	Transcriptional Regulation of Heterogeneous Populations in Choroid Plexus Carcinoma	Oncology and Cancer-related Research	9
40	NYITCOM (All campuses)	Astrocytic Heparan Sulfate 6-O-Sulfation in Brain Function	Neuroscience, Neurology, and Cognitive Disorders	1
41	NYITCOM (All campuses)	Eco-developmental Interactions of Craniofacial and Brain Anatomy	Neuroscience, Neurology, and Cognitive Disorders	1
42	NYITCOM (All campuses)	Vascular calcification and atherosclerosis	Cardiovascular and Metabolic Disorders	4
43	NYITCOM (All campuses)	Deciphering the role of lysosomal membrane permeabilization in Diabetic Cardiac Injury	Nutrition, Obesity, Diabetes, and Metabolism	5
44	NYITCOM (All campuses)	Deciphering the Role of AMPK in Doxorubicin Cardiotoxicity	Cardiovascular and Metabolic Disorders	4
45	NYITCOM (All campuses)	Obesity-related hypertension: the contribution of PPAR gamma acetylation and asprosin	Nutrition, Obesity, Diabetes, and Metabolism	5
46	NYITCOM (All campuses)	Role of 5830432E09Rik long noncoding RNA in cardiac dysfunction	Cardiovascular and Metabolic Disorders	4
47	NYITCOM (All campuses)	Fluid dynamics of concussion in mixed martial arts in a pilot randomized controlled trial of OMM	Neuroscience, Neurology, and Cognitive Disorders	1
48	NYITCOM (All campuses)	An Interdisciplinary approach to Food as Medicine and obesity medicine training in CME: A Culinary Medicine Hands-On Workshop: Integrating Nutrition Education Across the Medical Education Continuum	Nutrition, Obesity, Diabetes, and Metabolism	5
49	NYITCOM (All campuses)	Anatomy and Physiology of Molecular Layer Heterotopia	Anatomy	18
50	OU-HCOM (All campuses)	Developing a Tailored Stigma Reduction Intervention to Increase Buprenorphine Prescribing among Rural Primary Care Providers in Ohio	Mental Health, Substance Use, and Behavioral Health	7
51	OU-HCOM (All campuses)	Neural mechanisms of age-related weakness	Geriatric, Aging Medicine	14
52	OU-HCOM (All campuses)	Attenuation of Hypertriglyceridemia by apolipoprotein A4 via low-density lipoprotein receptor-related protein 1	Cardiovascular and Metabolic Disorders	4

Unique Number	COM	Research Project	Research Topic	Research Topic Code
53	OU-HCOM (All campuses)	Role of Keratin 18 for Stress-induced Adaptive Strength Gains	Basic Sciences and Genetics	12
54	OU-HCOM (All campuses)	The role of G6PC2 in glucose homeostasis and diabetes in East Asians	Nutrition, Obesity, Diabetes, and Metabolism	5
55	OU-HCOM (All campuses)	Effects of Type Two Diabetes Medications on Human and Mouse Ovarian Cancer Cells	Nutrition, Obesity, Diabetes, and Metabolism	5
56	OU-HCOM (All campuses)	Building Capacity for Stakeholder Engagement in CER for Depression in Mothers in Rural Communities	Mental Health, Substance Use, and Behavioral Health	7
57	OU-HCOM (All campuses)	The role of sex and stress hormones in the earliest stages of AD	Neuroscience, Neurology, and Cognitive Disorders	1
58	OU-HCOM (All campuses)	Acquisition of equipment for research to improve treatment decisions for cancer therapy	Oncology and Cancer-related Research	9
59	OU-HCOM (All campuses)	Combining GHR antagonism with life extending compounds: a search for synergies	Basic Sciences and Genetics	12
60	OU-HCOM (All campuses)	Developing helical peptide antagonists of the growth hormone receptor	Basic Sciences and Genetics	12
61	OU-HCOM (All campuses)	The Evolution of Minds: 325 million years of intelligence studied with neuroscience, cognitive zoology and palaeontology	Neuroscience, Neurology, and Cognitive Disorders	1
62	OU-HCOM (All campuses)	Collaborative Research: Curating, digitizing, and disseminating results from an unparallel ed collection of fossil vertebrates from the Late Cretaceous of Madagascar	Anthropology/Paleontology	20
63	OU-HCOM (All campuses)	Role of protein malonylation in osteoarthritis development during aging	Geriatric, Aging Medicine	14
64	OU-HCOM (All campuses)	Novel molecular determinants of insulin clearance	Nutrition, Obesity, Diabetes, and Metabolism	5
65	OU-HCOM (All campuses)	Collaborative Research: Evolution of the hyoid, pharynx and swallowing biomechanics in mammals	Basic Sciences and Genetics	12
66	OU-HCOM (All campuses)	Identifying a novel player in skeletal muscle performance and metabolism	Pain, OMT, and Musculoskeletal Research	2
67	OU-HCOM (All campuses)	A Pathway to Improved Reproductive, Maternal, Newborn, and Child Health	Women's and Maternal Health	8
68	PCOM (All campuses)	Generating preliminary data on infectious agents in brain and fluid specimens	Neuroscience, Neurology, and Cognitive Disorders	1
69	PCOM (All campuses)	Investigation of the pathobiome in Alzheimer's disease	Neuroscience, Neurology, and Cognitive Disorders	1
70	PCOM (All campuses)	Consensus extraction protocol development for infection in Alzheimerâ€TMs disease	Neuroscience, Neurology, and Cognitive Disorders	1

Unique Number	COM	Research Project	Research Topic	Research Topic Code
71	PCOM (All campuses)	Generation and characterization of a cre/lox regulated transgenic zebrafish model of SBMA	Basic Sciences and Genetics	12
72	PCOM (All campuses)	Mechanisms of growth plate patterning revealed by natural variation in mammalian ossification	Basic Sciences and Genetics	12
73	PCOM (All campuses)	Medical marijuana usage at nursing facilities in PA	Mental Health, Substance Use, and Behavioral Health	7
74	PCOM (All campuses)	Determination of uptake of fluorescent 3DNA in vitro and in vivo	Basic Sciences and Genetics	12
75	PCOM (All campuses)	Chronic for chronic pain? An investigation into medical marijuana efficacy when accounting for duration of chronic pain	Pain, OMT, and Musculoskeletal Research	2
76	PCOM (All campuses)	Cognition and behavior in children and adolescents with autism spectrum disorder using medical marijuana	Mental Health, Substance Use, and Behavioral Health	7
77	PCOM (All campuses)	Quantitative molecular dynamics of extremeophile metalloproteins (subcontract)	Basic Sciences and Genetics	12
78	PCOM (All campuses)	Elements of surprise: Exploring predictive errors & treatment satisfaction across approved serious medical conditions for MMJ	Patient Satisfaction, Clinical	16
79	PCOM (All campuses)	Enhancing office-based buprenorphine treatment: An adaptive psychosocial approach (subcontract)	Mental Health, Substance Use, and Behavioral Health	7
80	PCOM (All campuses)	Identifying optimal psychosocial interventions for patients receiving office-based buprenorphine	Mental Health, Substance Use, and Behavioral Health	7
81	PCOM (All campuses)	Medical marijuana for anxiety: Effectiveness, expectations and entourage effects	Mental Health, Substance Use, and Behavioral Health	7
82	PCOM (All campuses)	Expectations and experiences of US military veterans with PTSD using medical marijuana	Mental Health, Substance Use, and Behavioral Health	7
83	PCOM (All campuses)	Support and Healing after Gun Violence	Public Health and Epidemiology	10
84	PCOM (All campuses)	A National Survey of Attitudes, Beliefs and Knowledge about Medical Marijuana for Mental Health Conditions Among Physicians, Psychologists and The General Public	Mental Health, Substance Use, and Behavioral Health	7
85	PCOM (All campuses)	Medical marijuana measurement group	Mental Health, Substance Use, and Behavioral Health	7
86	PCOM (All campuses)	GA Gear - Geriatric Workforce Enhancement Program	Geriatric, Aging Medicine	14
87	PCOM (All campuses)	Community Health Education and Food	Social Determinants of Health; Rural Heatlh	22

Unique Number	COM	Research Project	Research Topic	Research Topic Code
88	PCOM (All campuses)	Minimizing myocardial damage	Cardiovascular and Metabolic Disorders	4
89	TOURO-NY (All campuses)	Touro's Moving Food Forward	Nutrition, Obesity, Diabetes, and Metabolism	5
90	TOURO-NY (All campuses)	Center for Integrated Biomedical and Rural Health Research	Social Determinants of Health; Rural Heatlh	22
91	TOURO-NY (All campuses)	Investigating neutrophilic inflammation as an APOE genotype-specific mediator of neuroinflammation and cognitive decline in aging	Geriatric, Aging Medicine	14
92	TOURO-NY (All campuses)	Investigating the role of long-term latent herpes simplex virus infection on APOE4-associated Alzheimer's disease pathogenesis	Geriatric, Aging Medicine	14
93	TOURO-NY (All campuses)	Prion protein genotyping surveillance and chronic wasting disease risk in Montana's elk and deer population	Basic Sciences and Genetics	12
94	TOURO-NY (All campuses)	Comprehensive phenotyping profiling of chronic wasting disease to assess transmissibility and species barriers: Project goals include 1) Establish comprehensive phenotyping profiling of cervid PRNP polymorphisms in transgenic CWD mouse models; and 2) Examine CWD zoonosis in humanized gene-targeted mice via comprehsnive phenotypic profiling.	Basic Sciences and Genetics	12
95	TOURO-NY (All campuses)	How substrate dosage drives prion disease kinetics	Basic Sciences and Genetics	12
96	TOURO-NY (All campuses)	Biomarkers of PRP mutation, misfolding and deficiency	Basic Sciences and Genetics	12
97	TOURO-NY (All campuses)	A protein traffic control system that regulates left-right patterning and heart development	Cardiovascular and Metabolic Disorders	4
98	TOURO-NY (All campuses)	Elucidating the temporal, spatial, and cellular effects of differential APOE isoform expression	Basic Sciences and Genetics	12
99	TOURO-NY (All campuses)	PME-1: pathogenic role and therapeutic opportunity in neurodegenerative mixed proteinopathies	Basic Sciences and Genetics	12
100	TOURO-NY (All campuses)	CIB- RHR Gene Editing and Mouse Models Assessment Core (GEMMA core)	Basic Sciences and Genetics	12
101	TOURO-NY (All campuses)	Modulation of Exosome Release for Functional Restoration in Age-related Retinal Disorders Age-related Macular Degeneration (AMD)	Geriatric, Aging Medicine	14

Unique Number	COM	Research Project	Research Topic	Research Topic Code
102	TOURO-NY (All campuses)	Investigation of Superoxide Dismutase 1 in Neurodegeneration: The hypothesis of his project is that SOD1 aggregates are correlated with SCNA aggregates in idiopathic PD brain and that they exacerbate disease progression in concert with misfolded SNCA. He presents two aims that are focused on analysis of SOD-1 and SNCA misfolding in human PD brain samples and to explore the interaction and disease progression in mouse models.	Neuroscience, Neurology, and Cognitive Disorders	1
103	UNECOM	RNA-Protein Interactions in Nociception	Basic Sciences and Genetics	12
104	UNECOM	Project Alliance -- Drug Free Communities Yrs 6-10	Mental Health, Substance Use, and Behavioral Health	7
105	UNECOM	Lead Poisoning Prevention Activities & Case Management Supports	Social Determinants of Health; Rural Heatlh	22
106	UNECOM	Biddeford Lead Hazard Reduction: Education & Outreach	Social Determinants of Health; Rural Heatlh	22
107	UNECOM	Adenylyl Cyclase Signaling in Persistent Pain	Pain, OMT, and Musculoskeletal Research	2
108	UNECOM	Mitochondrial Regulation of Nociceptor Function	Neuroscience, Neurology, and Cognitive Disorders	1
109	UNECOM	COBRE 2: UNE Center for Cell Signaling Research	Basic Sciences and Genetics	12
110	UNECOM	Novel expression of MHC class II on DRG neurons and its role in promoting antinociceptive CD4+ T cells in females during chemotherapy- induced peripheral neuropathy	Neuroscience, Neurology, and Cognitive Disorders	1
111	UNECOM	The Role of Irisin in Initiating Resorption During the Skeletal Response to Exercise	Anatomy	18
112	UNECOM	Kynurenine as a metabolic biomarker in TSC	Nutrition, Obesity, Diabetes, and Metabolism	5
113	UNECOM	Spatial CRISPR: A novel approach to identify novel therapeutic targets for TFE3-RCC	Basic Sciences and Genetics	12
114	UNECOM	COBRE 2 Research Project Leader Project 3	Basic Sciences and Genetics	12
115	UNECOM	Central and Peripheral Mechanisms of Corneal Pain	Pain, OMT, and Musculoskeletal Research	2
116	UNECOM	COBRE 1:Center for the Study of Pain and Sensory Function (Equipment Supplement)	Pain, OMT, and Musculoskeletal Research	2
117	UNECOM	Kahn Family Foundation Student Research Fellowships	Education and Workforce Development	11

Unique Number	COM	Research Project	Research Topic	Research Topic Code
118	UNECOM	COBRE 1: Interdisciplinary Center of Excellence for the Study of Pain and Sensory Function	Pain, OMT, and Musculoskeletal Research	2
119	UNECOM	COBRE 1: Pilot Project Program	Basic Sciences and Genetics	12
120	UNECOM	COBRE 1: Administrative Core	Basic Sciences and Genetics	12
121	UNECOM	Developing the Workforce to Train Medical Professionals in Maine	Education and Workforce Development	11
122	UNECOM	Development of Hsp90 Isoform-Selective Inhibitors as a Novel Opioid Dose-Reduction Therapy	Mental Health, Substance Use, and Behavioral Health	7
123	UNECOM	A novel cell-autonomous role for beta-adrenergic receptor signaling in osteoclasts	Anatomy	18
124	UNECOM	The Maine Biomedical Research Network (INBRE)	Basic Sciences and Genetics	12
125	UNECOM	The Impact of Disrupting Sensory Innervation on Tibial Bone Mass	Anatomy	18
126	UNECOM	COBRE 2 Research Project Leader Project 2	Basic Sciences and Genetics	12
127	UNECOM	Role of Nociceptor Primary Cilia in Inflammatory and Neuropathic Pain	Pain, OMT, and Musculoskeletal Research	2
128	UNECOM	NBME OSCE Creative Community	Education and Workforce Development	11
129	UNECOM	Identification of gaps in care for patients with chronic pain through the establishment of a state-wide pain registry in Maine	Pain, OMT, and Musculoskeletal Research	2
130	UNECOM	HIV Tat-associated sensory neuropathy and the contribution of toll-like receptor pathway	Neuroscience, Neurology, and Cognitive Disorders	1
131	UNECOM	COBRE 2: CORE: In Vitro Analytical Core	Basic Sciences and Genetics	12
132	UNECOM	Chronic Stress Induces Neuroimmune Modulated Primary Muscle Afferent Sensitization	Basic Sciences and Genetics	12
133	UNECOM	COBRE 2 Research Project Leader Project 4	Basic Sciences and Genetics	12
134	UNECOM	Mechanisms of pesticide-induced neuroinflammation and parkinsonism in aging mice	Neuroscience, Neurology, and Cognitive Disorders	1
135	UNECOM	The role of the ventromedial nucleus of the hypothalamus in epileptogenesis	Neuroscience, Neurology, and Cognitive Disorders	1
136	UNECOM	CAREER: Integrin-Mediated Mechanotransduction of Articular Chondrocytes	Basic Sciences and Genetics	12
137	UNECOM	PFI-TT: Modular Joint-on-a-Chip for Early In Vitro Pre-clinical Pharmaceutical Research	Basic Sciences and Genetics	12

Unique Number	COM	Research Project	Research Topic	Research Topic Code
138	UNECOM	Integrating Food as Medicine in PreClinical Osteopathic Medical Education	Nutrition, Obesity, Diabetes, and Metabolism	5
139	UNECOM	Geriatrics Workforce Enhancement Program GWEP: AgingME2	Geriatric, Aging Medicine	14
140	UNECOM	Validating a novel rat modValidation of a Translational Model of Chronic Discogenic Low Back Painel of back pain	Pain, OMT, and Musculoskeletal Research	2
141	UNECOM	Mechanisms underlying sex differences in emergence of advanced osteoarthritis pain	Pain, OMT, and Musculoskeletal Research	2
142	UNECOM	COBRE 1 Core: Behavior	Mental Health, Substance Use, and Behavioral Health	7
143	WesternU-COMP (All campuses)	6 clinical Trials with diverse drug companies	Public Health and Epidemiology	10
144	WesternU-COMP (All campuses)	Study of the evolution of tooth and body size in callitrichid primates	Anatomy	18
145	WesternU-COMP (All campuses)	Novel Applications of Hyperbaric Oxygen Therapy (HBOT) for Grade II Muscle Injury. Summary: This study will assess the therapeutic effects of HBOT with and without platelet-rich plasma and/or osteopathic manipulation therapy on muscle injury recovery in the rat. Assessment modalities will include ultrasound, micro-CT imaging, histology and PCR	Pain, OMT, and Musculoskeletal Research	2
146	WesternU-COMP (All campuses)	Using lymphatic OMT techniques to augment the response to the mRNA COVID vaccination	Pain, OMT, and Musculoskeletal Research	2
147	WesternU-COMP (All campuses)	Research Education Program to Promote Diversity in Immunologic and Allergic Diseases	Education and Workforce Development	11
148	WesternU-COMP (All campuses)	Diverse & Equitable Student Inclusion in Research for future Veterinarians (DESIRe-Vet)	Education and Workforce Development	11
149	WesternU-COMP (All campuses)	Homeostatic and Hedonic Components Involved in ORL1 Regulation of Energy Homeostasis	Basic Sciences and Genetics	12
150	WesternU-COMP (All campuses)	Middle Miocene environments from herbivore stable isotopes and assessing C4 biomass seasonal variability	Anthropology/Paleontology	20
151	WesternU-COMP (All campuses)	Cooperative modulation of PIEZO1 channels	Basic Sciences and Genetics	12
152	WesternU-COMP (All campuses)	How do parasites invade their vector hosts? A genetic association Study	Basic Sciences and Genetics	12
153	WesternU-COMP (All campuses)	Lipase Maturation Factor 1 in Hypertriglyceridemia	Cardiovascular and Metabolic Disorders	4

Unique Number	COM	Research Project	Research Topic	Research Topic Code
154	WesternU-COMP (All campuses)	Hepatic Insulin Clearance: A Novel Therapeutic Target in Type 2 Diabetes	Nutrition, Obesity, Diabetes, and Metabolism	5
155	WesternU-COMP (All campuses)	Novel Molecular Determinants of Insulin Clearance	Nutrition, Obesity, Diabetes, and Metabolism	5
156	WesternU-COMP (All campuses)	The Role of Lipase Maturation Factor 2 in Hepatic Steatosis	Nutrition, Obesity, Diabetes, and Metabolism	5
157	WesternU-COMP (All campuses)	Harnessing Antifungal Cyclic Peptides to Combat Candida Auris Infections	Basic Sciences and Genetics	12
158	WesternU-COMP (All campuses)	Serological assessment of the effect of osteopathic manipulative treatments in conjunction with COVID-19 Booster shots	Pain, OMT, and Musculoskeletal Research	2
159	WesternU-COMP (All campuses)	Lymphatic OMT protocol for healthy individuals: A crossover self-controlled clinical trial	Pain, OMT, and Musculoskeletal Research	2
160	WesternU-COMP (All campuses)	To test the efficacy and dosing of a biologic human growth factor concentrate (GFC-01) in promoting wound healing using a diabetic rat model	Nutrition, Obesity, Diabetes, and Metabolism	5
161	WesternU-COMP (All campuses)	Glutathione depletion in the CNS and its effects on Mtb infection	Basic Sciences and Genetics	12
162	WesternU-COMP (All campuses)	Glutathione improves immune responses against M. avium infection	Basic Sciences and Genetics	12
163	WesternU-COMP (All campuses)	Mechanistic Studies of cognitive impairment in Angelman syndrome	Basic Sciences and Genetics	12
164	WesternU-COMP (All campuses)	Role of Ube3A-mediated p18 regulation in synaptogenesis and synaptic plasticity	Basic Sciences and Genetics	12
165	WesternU-COMP (All campuses)	Optimization of a selective calpain-2 inhibitor for prolonged field care in Traumatic Brain Injury	neuroscience, Neurology, and Cognitive Disorders	1
166	WesternU-COMP (All campuses)	Testing the effects of a selective calpain-2 inhibitor on spontaneous recurrent seizures in mouse models of epilepsy	Neuroscience, Neurology, and Cognitive Disorders	1

NEW RESPONDENTS

Unique Number	COM	Research Project	Research Topic	Research Topic Code
167	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Assessment of inflammatory pathways involved in the brain-intestinal axis in western diet induced Alzheimer's pathology	Neuroscience, Neurology, and Cognitive Disorders	1
168	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Testing Adaptive Hypotheses of Plio-Pleistocene Hominin Craniofacial Evolution	Anthropology/Paleontology	20

Unique Number	COM	Research Project	Research Topic	Research Topic Code
169	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Oxidative Stress Causes Increased Amyloid Peptide Levels through Telomeric Protein, RAP1	Basic Sciences and Genetics	12
170	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Training in Genomics Research (TiGeR)	Basic Sciences and Genetics	12
171	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Studies on Kv6.1 silent subunit expression and function in hippocampal neurons during Alzheimer's disease	Neuroscience, Neurology, and Cognitive Disorders	1
172	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Elucidating a mechanistic link between progranulin & lysosomal function in Alzheimer Disease	Neuroscience, Neurology, and Cognitive Disorders	1
173	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Non-coding RNA regulation of the progranulin gene during the inflammatory response in Alzheimer Disease	Neuroscience, Neurology, and Cognitive Disorders	1
174	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Determination of polymicrobial burden in two postmortem brain regions in AD patients and controls with varying levels of AD-related pathology and cognitive status	Neuroscience, Neurology, and Cognitive Disorders	1
175	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Molecular Basis of the Selective Assembly of Functionally Distinct PRC1s	Basic Sciences and Genetics	12
176	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Investigating the Role of Stress Hormones on Astrocyte Neurogenics	Basic Sciences and Genetics	12
177	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Antigen and Adjuvant Selection for a Vaccine Against Urogenital Schistosomiasis, HematoShield	Basic Sciences and Genetics	12
178	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Collaborative Research: The Effects of Musculoskeletal Design on Bipedal Walking and Running Performance in Humans, Chimpanzees and Early Hominims	Anthropology/Paleontology	20

Unique Number	COM	Research Project	Research Topic	Research Topic Code
179	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Collaborative Research: Developing kinetic 3D computational models of bipedal walking	Anthropology/Paleontology	20
180	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Physiological and anatomical hallmarks associated with intermittent hypoxia and aging - insights into respiratory dysfunctions associated with Alzheimer's disease	Geriatric, Aging Medicine	14
181	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Effects of chronic intermittent hypoxia on cholinergic modulation at hypoglossal motoneurons	neuroscience, Neurology, and Cognitive Disorders	1
182	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	The Influence of Vocal Loading Upon the Healing of Experimental Vocal Fold Injury	Basic Sciences and Genetics	12
183	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	The Role of Vocal Ligament in Fundamental Frequency and Adduction Control	Basic Sciences and Genetics	12
184	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	The periphery of Alzheimer's disease: cross-talks between degenerating brain and peripheral tissues	neuroscience, Neurology, and Cognitive Disorders	1
185	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Unlocking the Senescence-resistant Adaptations of Long-lived Giant Tortoises to Develop a Novel Model Organism for		
Aging Studies	Anthropology/ Paleontology	20		
186	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Molecular mechanisms of altering gamma secretase activity by modulatory proteins	Basic Sciences and Genetics	12
187	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Collaborative Research: After the Bridgerian Crash - An Integrated Analysis of Mammalian Paleocommunities and Paleoecologies During the MIddle Eocene	Anthropology/Paleontology	20
188	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Grasping our Evolutionary Origins: Unraveling the Anatomical and Molecular Adaptations of Primate Touch	Anthropology/Paleontology	20

Unique Number	COM	Research Project	Research Topic	Research Topic Code
189	Chicago College of Osteopathic Medicine (CCOM)	The Role of SWI/SNF Chromatin Remodelers in Homologous Recombination and Genome Stability	Basic Sciences and Genetics	12
190	Chicago College of Osteopathic Medicine (CCOM)	Probing Short and Long Term Consequences of Small and Large Bowel Microbiota Transplants on Host Physiology: Implications for the Development of Future Live Biotherapeutics	Basic Sciences and Genetics	12
191	Chicago College of Osteopathic Medicine (CCOM)	The role of the gut mycobiota in regulating lipid absorption and obesity	Nutrition, Obesity, Diabetes, and Metabolism	5
192	Chicago College of Osteopathic Medicine (CCOM)	MicroRNA as a Novel Therapeutic Target for Pain in Sickel Cell Disease	Pain, OMT, and Musculoskeletal Research	2
193	CHSU-COM	Air Sample Analysis of Coccidioides	Basic Sciences and Genetics	12
194	CHSU-COM	Farmers to Doctors Research Fellowship	Education and Workforce Development	11
195	CHSU-COM	Exploring the Future of Health Information Literacy through Generative AI Integration: A Pilot Study	Communication/Interprofessional	16
196	CUSOM	North Carolina association of free and charitable clinics	Social Determinants of Health; Rural Heatlh	22
197	CUSOM	Improving physiology instruction through simulation	Education and Workforce Development	11
198	CUSOM	The allometric scaling of sensorimotor control in human evolution	Anthropology/Paleontology	20
199	CUSOM	Integrating interfaith competency training at CU while building sustainable	Education and Workforce Development	11
200	KCU-Kansas City and KCU-Joplin	Does the accumulation of disease-associated forms of TDP-43 in platelets parallel ALS pathophysiology in the nervous system?	neuroscience, Neurology, and Cognitive Disorders	1
201	KCU-Kansas City and KCU-Joplin	Advancing Cryogenic Preservation of Functional Platelets for Longevity Research: A Continuation of Ongoing Studies	Geriatric, Aging Medicine	14
202	KCU-Kansas City and KCU-Joplin	Investigating the Roles of Pregnane X Receptor in Human Breast Cancers	Women's and Maternal Health	8
203	KCU-Kansas City and KCU-Joplin	Determining the Prevalence of PXR Expression in Human Breast Tumors	Women's and Maternal Health	8
204	KCU-Kansas City and KCU-Joplin	Endothelial Smad3 as a Novel Target to Avert Doxorubicin Cardiomyopathy	Cardiovascular and Metabolic Disorders	4
205	KCU-Kansas City and KCU-Joplin	Single cell transcriptional signatures of breast cancer cells after completion of chemotherapy: The effects of the TGF-beta pathway inhibition	Oncology and Cancer-related Research	9

Unique Number	COM	Research Project	Research Topic	Research Topic Code
206	KCU-Kansas City and KCU-Joplin	Targeting lipid metabolism to sensitize head and neck cancer for standard of care and enhance patient outcome	Oncology and Cancer-related Research	9
207	KCU-Kansas City and KCU-Joplin	Transcriptomic Effects of Natural Compounds on LS-180 Colon Cancer Cells in an Inflammatory Microenvironment	Oncology and Cancer-related Research	9
208	KCU-Kansas City and KCU-Joplin	Residency Readiness Pilot Bootcamp	Education and Workforce Development	11
209	KCU-Kansas City and KCU-Joplin	Examining the impact of smell and taste receptor stimulation on cancer cell migration and invasion	Oncology and Cancer-related Research	9
210	KCU-Kansas City and KCU-Joplin	An unbiased multidisciplinary approach to identify novel targets in major depressive disorder	Mental Health, Substance Use, and Behavioral Health	7
211	KYCOM	The anatomical and functional study of the thymus - defining the milestones of the thymic aging in the elderly human population. 1R15AG078992-01A1	Anthropology/Paleontology	20
212	KYCOM	Crosstalk of estrogen receptors mediates estrogen-induced eNOS activation. 24AIREA1187201	Basic Sciences and Genetics	12
213	KYCOM	Embracing plant biotechnology in undergraduate biotechnology research at UPIKE	Basic Sciences and Genetics	12
214	KYCOM	Transcriptional responses of noncoding RNAs to fear in mice NIGMS P20GM103436	Basic Sciences and Genetics	12
215	LMU DCOM- all campuses	Appalachian Regional Initiative for Stronger Economies (ARISE) Planning Grant	Social Determinants of Health; Rural Heatlh	22
216	LMU DCOM- all campuses	3-D Printing and Medical Education	Education and Workforce Development	11
217	LUCOM	Human Mast Cells as a Platform for New Cancer Therapies	Oncology and Cancer-related Research	9
218	MSUCOM	CAREER: Elucidating the Causal Link Associated with Energy Metabolism and Mitochondrial Ultrastructure	Basic Sciences and Genetics	12
219	MSUCOM	Elucidating the myocardial energy demand-supply-production feedback system	Basic Sciences and Genetics	12
220	MSUCOM	Pyruvate Dehydrogenase Complex Activation as a Strategy to Ameliorate Metabolic Disease	Nutrition, Obesity, Diabetes, and Metabolism	5
221	MSUCOM	Supplement to CAREER: Elucidating the Causal Link Associated with Energy Metabolism and Mitochondrial Ultrastructure	Nutrition, Obesity, Diabetes, and Metabolism	5

Unique Number	COM	Research Project	Research Topic	Research Topic Code
222	MSUCOM	FY2023: Implementing adaptive responses and addressing critical uncertainties for Red Swamp Crayfish in Michigan	Natural Resources, Envoronmental, and Biodiversity	23
223	MSUCOM	HWA Control: Evaluating Current Methods and a Potentially New Approach	Natural Resources, Envoronmental, and Biodiversity	23
224	MSUCOM	Dimensional Complexity: a new marker for cognitive states and MCI/AD progression	neuroscience, Neurology, and Cognitive Disorders	1
225	MSUCOM	Michigan Alzheimer's Disease Research Center	neuroscience, Neurology, and Cognitive Disorders	1
226	MSUCOM	White Matter Microstructure and Cognitive Plasticity: New Markers of Resilience in ADRD	neuroscience, Neurology, and Cognitive Disorders	1
227	MSUCOM	Acquisition of a Brightfield Imaging Capable Flow Cytometer to Facilitate Agricultural and Environmental Research	Natural Resources, Envoronmental, and Biodiversity	23
228	MSUCOM	Congolese mother and child mental health in response to early child development interventions	Pediatric Medicine	15
229	MSUCOM	Impact of household air pollution (HAP) in-utero through early childhood on child neurocognitive development from infancy to 8 years (HAPCOG Study)	Pediatric Medicine	15
230	MSUCOM	MISC-CBO: A cluster randomized control trial to improve the mental health of OVC in South Africa	Mental Health, Substance Use, and Behavioral Health	7
231	MSUCOM	NeuroEbola	neuroscience, Neurology, and Cognitive Disorders	1
232	MSUCOM	PROTECTIVE ROLE OF NEUREGULIN-1 AGAINST CEREBRAL MALARIA_INDUCED NEURONAL INJURY AND BEHAVIORAL SEQUELAE	neuroscience, Neurology, and Cognitive Disorders	1
233	MSUCOM	A Multicenter, Open-label, Long-term, Safety, Tolerability, and Efficacy	Study of XEN1101 in Adults Diagnosed With Epilepsy neuroscience, Neurology, and Cognitive Disorders	1
234	MSUCOM	A Randomized, Double-blind, Placebo-Controlled, Multicenter Phase 3 Study to Evaluate the Safety, Tolerability, and Efficacy of XEN1101 as Adjunctive	Therapy in Focal-Onset Seizures neuroscience, Neurology, and Cognitive Disorders	1
235	MSUCOM	Critical Role of the Gut Microbiota in Prunes' Prevention of Glucocorticoid Induced Osteoporosis (F30 Grant)	Pain, OMT, and Musculoskeletal Research	2
236	MSUCOM	Antigenic determinants of asthma-associated allergens for design of immunotherapy	Basic Sciences and Genetics	12
237	MSUCOM	Molecular Basis of Xenobiotic Metabolism and Resistance in Tetranychus urticae	Basic Sciences and Genetics	12

Unique Number	COM	Research Project	Research Topic	Research Topic Code
238	MSUCOM	Role of Ly6K in TGF-beta and immune escape pathways of triple negative breast cancer	Oncology and Cancer-related Research	9
239	MSUCOM	Validation of novel LY6K targeting small molecule inhibitors and their structural analogues for treatment of triple negative breast cancer	Oncology and Cancer-related Research	9
240	MSUCOM	Structural and Functional Plasticity Surrounding Implanted Neuroprostheses	neuroscience, Neurology, and Cognitive Disorders	1
241	MSUCOM	Transcriptional mechanisms in mast cells underlying immune function and disease	Basic Sciences and Genetics	12
242	MSUCOM	Dynamic properties of neural circuits in the forebrain	neuroscience, Neurology, and Cognitive Disorders	1
243	MSUCOM	Motor feedback control of layer six circuits	Basic Sciences and Genetics	12
244	MSUCOM	Nonconventional role of ADCY in Gq-mediated neuronal signaling and neuroplasticity	neuroscience, Neurology, and Cognitive Disorders	1
245	MSUCOM	Global Research Endeavors to Advance Treatment/Prevention of Neurological Disorders in Africa (GREAT Neurology in Africa)	neuroscience, Neurology, and Cognitive Disorders	1
246	MSUCOM	Role of the gut metabolite lactate on Campylobacter jejuni pathogenicity	Basic Sciences and Genetics	12
247	MSUCOM	COVID-19 Genome Sequencing Response MSU-MI-SAPPHIRE (Year 3)	Basic Sciences and Genetics	12
248	MSUCOM	Fitness of gram-negative pathogens during bacteremia	Basic Sciences and Genetics	12
249	MSUCOM	MSU-MI-SAPPHIRE Genomic Surveillance Proposal (Year 2)	Basic Sciences and Genetics	12
250	MSUCOM	Central noradrenergic mechanisms of cerebrovascular pathology in Alzheimer's disease	neuroscience, Neurology, and Cognitive Disorders	1
251	MSUCOM	Integrative Pharmacological Sciences Training Program (IPSTP)	Education and Workforce Development	11
252	MSUCOM	Novel proteolytic mechanisms driving pathologic hepatic congestion in drug-induced hepatotoxicity	Basic Sciences and Genetics	12
253	MSUCOM	Summer Undergraduate Research Fellowship	Education and Workforce Development	11
254	MSUCOM	Design and syntheses of potent antagonists of 3kPZS through medicinal chemistry optimization	Basic Sciences and Genetics	12
255	MSUCOM	Novel RXR agonist for neurofibromatosis	Basic Sciences and Genetics	12

Unique Number	COM	Research Project	Research Topic	Research Topic Code
256	MSUCOM	Essential Fatty Acid Deficiency as a modifiable determinant of cognitive dysfunction among 6-18-year-old Ugandan children of varying perinatal HIV status	Public Health and Epidemiology	10
257	MSUCOM	Folate deficiency, peripartum antiretroviral drug exposure and neurodevelopmental outcomes at 6 - 18 years old in HIV affected and control children	Pediatric Medicine	15
258	MSUCOM	Gut permeability and variations in bio-available vitamin D as mechanisms of adverse cognitive development in HIV-affected & controls children - A	Pediatric Medicine	15
259	MSUCOM	Identifying adolescents at high risk of neurocognitive disorder: Development and validation of a composite risk index	Mental Health, Substance Use, and Behavioral Health	7
260	MSUCOM	Increasing Minority Physician and APRN Clinician-scientist Research Training To Equalize Addiction Medicine (IMPACT TEAM)	Mental Health, Substance Use, and Behavioral Health	7
261	MSUCOM	Minding A Mid-America Gap: NIDA/ NIAAA Epidemiology Research Training for Clinical Researchers and Clinicians in Currently Under-Served Areas	Public Health and Epidemiology	10
262	MSUCOM	Vitamin D and Gut Microbiota and Dementia Risk in Older Adults with Chronic HIV infection and Demographically Matched Community Controls	Neuroscience, Neurology, and Cognitive Disorders	1
263	MSUCOM	Gut permeability and variations in bio-available vitamin D as mechanisms of adverse cognitive development in HIV-affected & controls children - A nested Pilot Study	Pediatric Medicine	15
264	MSUCOM	Building Resources to Assess Impaired Neurocognition in Children with HIV in Low- and Middle-Income Countries (BRAIN Child in LMICs)	Pediatric Medicine	15
265	MSUCOM	Culture-specific neurodevelopmental assessment of HIV-affected children: Home-Based Evaluation through Cloud-Readiness Enhancement	Neuroscience, Neurology, and Cognitive Disorders	1
266	MSUCOM	Pilot study of gut microbiome composition and outcomes to interpersonal psychotherapy treatment for depression among adults in Uganda	Mental Health, Substance Use, and Behavioral Health	7

Unique Number	COM	Research Project	Research Topic	Research Topic Code
267	MSUCOM	Disrupting the vicious cycle: Effects of Montmorency tart cherry supplementation on sleep and inflammation among individuals with overweight and obesity	Nutrition, Obesity, Diabetes, and Metabolism	5
268	MSUCOM	Towards scalable production of palatable and nutritious cultured meat using edible, tunable scaffolds	Nutrition, Obesity, Diabetes, and Metabolism	5
269	MSUCOM	Trpa1 in cognition and brain connectivity	Neuroscience, Neurology, and Cognitive Disorders	1
270	MSUCOM	Perivascular Adipose Tissue (PVAT) as a Central Integrator of Vascular Health	Cardiovascular and Metabolic Disorders	4
271	MSUCOM	Gestational Hyperandrogenism in Cardiovascular Programming	Cardiovascular and Metabolic Disorders	4
272	MSUCOM	Environmental, Microbial and Mammalian Biomolecular Responses to AhR Ligands	Basic Sciences and Genetics	12
273	MSUCOM	58-WEEK OPEN-LABEL TRIAL OF TAVAPADON IN PARKINSON'S DISEASE (TEMPO-4 TRIAL)	Neuroscience, Neurology, and Cognitive Disorders	1
274	MSUCOM	A 6-month prospective, randomized, double-blind, placebo-controlled clinical trial investigating the efficacy, safety, and tolerability of two different doses of buntanetap or placebo	Neuroscience, Neurology, and Cognitive Disorders	1
275	MSUCOM	A multicenter phase 2, double-blind, placebocontrolled, randomized, parallel-group study to evaluate the efficacy, safety, tolerability, and pharmacokinetics of UCB0022 in study	Neuroscience, Neurology, and Cognitive Disorders	1
276	MSUCOM	A Phase 2, Randomized, Double-Blind, Multicenter, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Intramuscular ABP-450 (prabotulinumtoxinA) Injection for the Treatment of Cervical	Women's and Maternal Health	8
277	MSUCOM	A PHASE 3, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, PARALLEL-GROUP, 27-WEEK TRIAL TO EVALUATE THE EFFICACY, SAFETY, AND TOLERABILITY OF TWO FIXED DOSES OF TAVAPADON IN EARLY PARKINSON'S DISEASE	Neuroscience, Neurology, and Cognitive Disorders	1
278	MSUCOM	A Randomized, Double-Blind, Placebo-Controlled Trial of IkT-148009 in Untreated Parkinson's Disease	Neuroscience, Neurology, and Cognitive Disorders	1
279	MSUCOM	A Randomized, Double-blind, placebo-controlled, two-part study in parkinson's disease patients with dyskinesia to assess the efficacy and safety/tolerability of fixed dose combinations of JM-010 and	Neuroscience, Neurology, and Cognitive Disorders	1

Unique Number	COM	Research Project	Research Topic	Research Topic Code
280	MSUCOM	Addex Pharma S.A. / "Phase 2b/3, Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Evaluate the Safety and Efficacy of Dipraglurant (ADX48621) for the Treatment	Neuroscience, Neurology, and Cognitive Disorders	1
281	MSUCOM	An Open-label Safety Study of Dipraglurant (ADX48621) in Patients with Parkinson's Disease Receiving Levodopa-based Therapy With or Without Concomitant Dopaminergic Medications	Neuroscience, Neurology, and Cognitive Disorders	1
282	MSUCOM	An Open-Label, Multicenter Study to Evaluate the Safety and Efficacy of Repeat Intramuscular ABP-450 (prabotulinumtoxinA) Injection for the Treatment of Cervical Dystonia	Women's and Maternal Health	8
283	MSUCOM	ASK-PD5-CS201	Basic Sciences and Genetics	12
284	MSUCOM	CurePSP Center of Care	Neuroscience, Neurology, and Cognitive Disorders	1
285	MSUCOM	SAGE-324-ETD-202	Neuroscience, Neurology, and Cognitive Disorders	1
286	MSUCOM	Study of the Oral Treatment MTR-601 in Cervical Dystonia	Women's and Maternal Health	8
287	MSUCOM	TOPAZ: Trial of Parkinson's and Zoledronic Acid. A Randomized Placebo-controlled Trial of Zoledronic Acid for Prevention of Fractures in Patients with Parkinson's Disease	neuroscience, Neurology, and Cognitive Disorders	1
288	MSUCOM	Response of HIV Patients to the COVID-19 vaccine and Natural COVID-19 Infection	Public Health and Epidemiology	10
289	MSUCOM	Treating Chronic Cervicogenic Head And Neck Pain With Osteopathic Manipulation And Exercise Therapy	Nutrition, Obesity, Diabetes, and Metabolism	5
290	MSUCOM	Environmental Justice and Public Health: Climate, Land, & (Health) Outcome of Dengue Fever (CLOUD)	Social Determinants of Health; Rural Heatlh	22
291	MSUCOM	Mekong One Health Innovation Program (MOHIP)	Public Health and Epidemiology	10
292	MSUCOM	Imaging cerebral waste clearance responses during exosome treatment of diabetes	Nutrition, Obesity, Diabetes, and Metabolism	5
293	MSUCOM	Research Supplements to Promote Diversity in Health-Related Research: NIH - R01 Diversity Supplement (GM134307)	Social Determinants of Health; Rural Heatlh	22
294	MSUCOM	Cannabis use frequency and its impact on monocyte-mediated inflammation in HIV patients	Infectious Diseases and Immunology	6

Unique Number	COM	Research Project	Research Topic	Research Topic Code
295	MSUCOM	A Multicenter Phase 2b Randomized, Double-Masked, Placebo-Controlled Dose-Ranging Study of TOUR006 in Participants with Thyroid Eye Disease	Autoimmune Disease	6
296	MSUCOM	a multiple ascending dose (MAD) safety, tolerability & efficacy study of VRDN-001, a humanized monoclonal antibody directed against the IGF-1 receptor, in subjects with thyroid eye disease (TED)	Autoimmune Disease	6
297	MSUCOM	A randomized, double-masked, placebo-controlled safety, tolerability, and efficacy study of VRDN-001, a humanized monoclonal antibody directed against the IGF-1 receptor, in participants with chroni	Autoimmune Disease	6
298	MSUCOM	An open-label study for participants who are non-responders at the end of treatment assessment on the VRDN-001-101 and VRDN-001-301 pivotal studies	Autoimmune Disease	6
299	MSUCOM	Interventional, randomized, double-blind, parallel-group, placebo-controlled study to evaluate the efficacy and safety of IV eptinezumab in adolescents (12-17 years) for preventive treatment of ch	Pediatric Medicine	15
300	MSUCOM	Long-term, open-label (dose-blinded), extension study of eptinezumab in children and adolescents with chronic or episodic migraine	Pediatric Medicine	15
301	MSUCOM	Neurology Telemedicine Project	Neuroscience, Neurology, and Cognitive Disorders	1
302	MSUCOM	Neurology Telemedicine Project NEUTEL-MS	Neuroscience, Neurology, and Cognitive Disorders	1
303	MSUCOM	Protocol H8H-MC-LAHV(a) Pediatric Options for Migraine Relief: A Randomized, Double-Blind, Placebo-Controlled Study of Lasmiditan for Acute Treatment of Migraine: PIONEER-PEDS1	Pediatric Medicine	15
304	MSUCOM	Protocol H8H-MC-LAHW A Phase 3, 12-Month, Open-Label Study of Lasmiditan in Pediatric Patients with Migraine - PIONEER-PEDS2	Pediatric Medicine	15
305	MSUCOM	SOUL MUSIC	Mental Health, Substance Use, and Behavioral Health	7
306	MSUCOM	Mechanistic role of obesity in benzo(a) pyrene-initiated cancer	Nutrition, Obesity, Diabetes, and Metabolism	5
307	MSUCOM	Engineered nano-formulations for STING activation	Basic Sciences and Genetics	12
308	MSUCOM	Optimizing inhaled delivery of antimycobacterial MmpL3 inhibitors	Basic Sciences and Genetics	12

Unique Number	COM	Research Project	Research Topic	Research Topic Code
309	MSUCOM	A novel non-transgenic fly model for tauopathies	Neuroscience, Neurology, and Cognitive Disorders	1
310	MSUCOM	Countering tauopathy with heparan sulfate derivatives	Neuroscience, Neurology, and Cognitive Disorders	1
311	MSUCOM	Hyperphosphorylated tau aggregation and cytotoxicity test kits to identify tauopathy therapeutics and risk factors	Neuroscience, Neurology, and Cognitive Disorders	1
312	MSUCOM	Hyperphosphorylated tau and the molecular mechanisms of tauopathy	Neuroscience, Neurology, and Cognitive Disorders	1
313	MSUCOM	Treating neurotoxicity and cognitive deficits due to hyperphosphorylated Tau	Neuroscience, Neurology, and Cognitive Disorders	1
314	MSUCOM	Cerebral hypoperfusion induces insulin resistance and exacerbates Alzheimer's Disease	Neuroscience, Neurology, and Cognitive Disorders	1
315	MSUCOM	Development of soluble epoxide hydrolase inhibitors for the treatment of Alzheimer's disease	Neuroscience, Neurology, and Cognitive Disorders	1
316	MSUCOM	Ferroptosis and Polyunsaturated Fatty Acid Metabolism	Basic Sciences and Genetics	12
317	MSUCOM	Oxylipins, aging and Alzheimer's disease	Neuroscience, Neurology, and Cognitive Disorders	1
318	MSUCOM	Role of alveolar macrophage in omega-3 fatty acid amelioration of silica-triggered autoimmunity.	Infectious Diseases and Immunology	6
319	MSUCOM	Section 97f - Cross-system Intervention	Pediatric Medicine	15
320	MSUCOM	Discovering miR6891-5p: guardian of XX allelic balance and barrier to Sjgren's syndrome pathogenesis	Basic Sciences and Genetics	12
321	MSUCOM	The Role of VGLL3 in Sexually Dimorphic Interferon-Driven Inflammation	Basic Sciences and Genetics	12
322	MSUCOM	Understanding the immunometabolic mechanism of VGLL3 mediating female-biased autoimmunity	Infectious Diseases and Immunology	6
323	MSUCOM	Purification of recombinant pirin	Basic Sciences and Genetics	12
324	MSUCOM	DCW Training Pilot Project	Education and Workforce Development	11
325	MSUCOM	Direct Care Worker Recruitment, Retention and Training - 2025	Education and Workforce Development	11
326	MSUCOM	Direct Care Worker Training	Education and Workforce Development	11
327	MSUCOM	Developing extracellular vesicle-mediated targeted microRNA delivery system for EGFR cancers	Oncology and Cancer-related Research	9
328	MSUCOM	A novel agent for preventing progression of muscle pathologies in muscular dystrophies	Basic Sciences and Genetics	12

Unique Number	COM	Research Project	Research Topic	Research Topic Code
329	MSUCOM	Context-specific angiogenic signaling in the pulmonary vasculature	Basic Sciences and Genetics	12
330	MSUCOM	TGF- signaling and regulation: Elucidating molecular mechanisms and pathogenic functions of the 'co-receptor' Cripto-1 and the receptor BMPRII	Basic Sciences and Genetics	12
331	MSUCOM	Critical Role of the Gut Microbiota in Prunes' Prevention of Glucocorticoid Induced Osteoporosis	Pain, OMT, and Musculoskeletal Research	2
332	MSUCOM	Establishing the Role of Dried Plums in the Prevention of Glucocorticoid Induced Osteoporosis in Mice	Pain, OMT, and Musculoskeletal Research	2
333	MSUCOM	Chrono-exercise is Medicine: Improving Blood Pressure and Vascular Function through Chronotherapy	Cardiovascular and Metabolic Disorders	4
334	MSUCOM	Chemoprevention of experimental estrogen receptor-negative breast cancer	Oncology and Cancer-related Research	9
335	MSUCOM	Circuit-specific androgen receptor regulation of hippocampal neuronal excitability	Neuroscience, Neurology, and Cognitive Disorders	1
336	MSUCOM	Development of cellular HTS for 20S proteasome enhancers	Basic Sciences and Genetics	12
337	MSUCOM	Mechanism of action of inhibitors of MRTF/SRF-regulated gene transcription	Basic Sciences and Genetics	12
338	MSUCOM	Mitigation of Radiation Fibrosis by CCG 257081	Oncology and Cancer-related Research	9
339	MSUCOM	Optimization of a direct Serum Response Factor inhibitor peptide and application in Heart Disease	Cardiovascular and Metabolic Disorders	4
340	MSUCOM	Understanding the functional role of fibroid subtype mutations for drug discovery	Basic Sciences and Genetics	12
341	MSUCOM	virtual compound screening using gene expression	Basic Sciences and Genetics	12
342	MSUCOM	Feasibility of Implementing Manual Medicine in the Multimodal Management of Veterans and Service Members with Chronic Low Back Pain	Pain, OMT, and Musculoskeletal Research	2
343	MSUCOM	Validity of the osteopathic diagnosis and treatment of somatic dysfunction related to the sacroiliac joint asymmetry	Pain, OMT, and Musculoskeletal Research	2
344	MSUCOM	Elucidating the molecular differences in prostate cancer between men of diverse ancestry	Oncology and Cancer-related Research	9

Unique Number	COM	Research Project	Research Topic	Research Topic Code
345	MSUCOM	Molecular profiling of indigenous African CRC samples compared with US self-identified Black/African Ancestry (AA) and White/European Ancestry (EA) CRC samples	Basic Sciences and Genetics	12
346	MSUCOM	The Role of the Mutant p53-PARP-MCM Pathway in Triple Negative Breast Cancer	Oncology and Cancer-related Research	9
347	MSUCOM	Fungal spore sensing by MDA5 is necessary for antifungal immunity against Aspergillus fumigatus	Infectious Diseases and Immunology	6
348	MSUCOM	Genetic Mechanisms of Tissue-Resident Macrophage Maintenance and Function	Basic Sciences and Genetics	12
349	MSUCOM	Genetic Mechanisms of Tissue-Resident Macrophage Maintenance and Function (Supplement)	Basic Sciences and Genetics	12
350	MSUCOM	Non-tuberculous Mycobacteria as triggers of Systemic Lupus Erythematosus	Basic Sciences and Genetics	12
351	MSUCOM	Preclinical Efficacy of Omega-3 Fatty Acids for Maintaining Remission of Lupus Nephritis After Intensive Immunosuppressive Therapy	Infectious Diseases and Immunology	6
352	MSUCOM	Prioritization and Bioactivity Characterization of Novel Bile Acids Produced by the Microbiome	Basic Sciences and Genetics	12
353	MSUCOM	Regulators of IFN-gamma responses during Mycobacterium tuberculosis infection	Basic Sciences and Genetics	12
354	MSUCOM	Role of alveolar macrophage in omega-3 fatty acid amelioration of silica-triggered autoimmunity	Infectious Diseases and Immunology	6
355	MSUCOM	A multi-modal wireless oscillator array for high-resolution mapping of neurovascular coupling	Basic Sciences and Genetics	12
356	MSUCOM	CAREER: Developing a compact wireless multi-modal detector array for remote sensing and imaging	Basic Sciences and Genetics	12
357	MSUCOM	Targeting cardiac fibrosis in aging: role of TRPA1	Cardiovascular and Metabolic Disorders	4
358	MSUCOM	School-Based Substance Misuse Awareness and Prevention Approach - Blue Cross Blue Shield Foundation Research Grant	Mental Health, Substance Use, and Behavioral Health	7
359	MSUCOM	Macomb County Street Medicine	Mental Health, Substance Use, and Behavioral Health	7
360	MSUCOM	Macomb County Street Medicine & Spartan Street Medicine - Michigan State University - College of Osteopathic Medicine	Mental Health, Substance Use, and Behavioral Health	7

Unique Number	COM	Research Project	Research Topic	Research Topic Code
361	MSUCOM	MI-CARES (SOR3)	Mental Health, Substance Use, and Behavioral Health	7
362	MSUCOM	School Based Substance Misuse Awareness and Prevention Approach	Mental Health, Substance Use, and Behavioral Health	7
363	MSUCOM	Nanoparticle antagonism of tumor-associated immunosuppression to improve breast cancer therapy	Oncology and Cancer-related Research	9
364	MSUCOM	Establishing a Baseline for Multilingual Capabilities of Medical Residents	Education and Workforce Development	11
365	MSUCOM	A Phase 2 Trial to Investigate the Efficacy, Safety, and Tolerability of Efgartigimod PH20 SC in Adult Patients with Chronic Inflammatory Demyelinating Polyneuropathy (CIDP) (ADHERE)	Infectious Diseases and Immunology	6
366	MSUCOM	A PHASE 2, RANDOMIZED, BLINDED, PLACEBOCONTROLLED, STUDY TO EVALUATE SAFETY, TOLERABILITY, PHARMACOMETRICS, AND EFFICACY OF DNTH103 IN ADULTS WITH GENERALIZED MYASTHENIA GRAVIS (MAGIC)	Pain, OMT, and Musculoskeletal Research	2
367	MSUCOM	A Phase 2, Randomized, Placebo-Controlled Study to Evaluate Safety, Tolerability, and Efficacy of TAK-079 in Patients With Generalized Myasthenia Gravis	Pain, OMT, and Musculoskeletal Research	2
368	MSUCOM	A Phase 2/3, Randomized, Double-Blinded, Placebo-Controlled, Parallel-Group, 2-Arm, Multicenter, Operationally Seamless Study to Evaluate the Efficacy, Safety, Tolerability, Pharmacodynamics, Pharma	Infectious Diseases and Immunology	6
369	MSUCOM	A Phase 3, Multicenter, Open-Label Extension Study of Zilucoplan in Subjects with Generalized Myasthenia Gravis	Pain, OMT, and Musculoskeletal Research	2
370	MSUCOM	A Phase 3, Multi-center, Randomized, Quadruple-blind, Placebo-controlled Study to Assess the Efficacy and Safety of Batoclimab as Induction and Maintenance Therapy in Adult Participants with	Infectious Diseases and Immunology	6
371	MSUCOM	A Phase 3, Randomized, Double-blind, Placebo-controlled, Parallel, Multicenter Study to Evaluate the Safety and Efficacy of ALXN1720 in Adults with Generalized Myasthenia Gravis	Pain, OMT, and Musculoskeletal Research	2
372	MSUCOM	Eisai BAN2401-G000-201 Open Label Extension	Neuroscience, Neurology, and Cognitive Disorders	1

Unique Number	COM	Research Project	Research Topic	Research Topic Code
373	MSUCOM	Long-Term, Observational, Registry of Patients With Generalized Myasthenia Gravis Who Have Received Treatment With Complement C5 Inhibition Therapies	Infectious Diseases and Immunology	6
374	MSUCOM	MSU Department of Neurology MDA Care Center	Neuroscience, Neurology, and Cognitive Disorders	1
375	MSUCOM	Open-label Extension of the ARGX-113-1802 Trial to Investigate the Long-term Safety, Tolerability, and Efficacy of Efgartigimod PH20 SC in Patients with Chronic Inflammatory Demyelinating Polyneurop	Infectious Diseases and Immunology	6
376	MSUCOM	Visualizing Brain Proteinopathies Using [F-18] Flornaptitril-PET in the Prediction of Clinical Progression of Mild Cognitive Impairment with Either Suspected Chronic Traumatic Encephalopathy or Alzh	Neuroscience, Neurology, and Cognitive Disorders	1
377	MSUCOM	The Epidemiology of Concussions in Ivy League and Big Ten Sports	Neuroscience, Neurology, and Cognitive Disorders	1
378	MSUCOM	Additional service of Physician Reviewer for the State of Michigan Department of Health and Human Services effective 10/1/20	Education and Workforce Development	11
379	MSUCOM	Michigan State University College of Osteopathic Medicine Medical Scientist Training Program (MSTP)	Education and Workforce Development	11
380	MSUCOM	Accelerating malaria prevention through enhanced analysis of transmission and RTS,S vaccination in Malawi	Public Health and Epidemiology	10
381	MSUCOM	Advancing breath biomarkers for detection of Plasmodium falciparum infection	Basic Sciences and Genetics	12
382	MSUCOM	COVID - Transmission and Morbidity in Malawi (COVID-TMM)	Public Health and Epidemiology	10
383	MSUCOM	Defining the Mechanism of Coma in Cerebral Malaria	Basic Sciences and Genetics	12
384	MSUCOM	Determinants of poor responsiveness to the booster dose of the RTS,S malaria vaccine in African children	Social Determinants of Health; Rural Heatlh	22
385	MSUCOM	Identifying functional antibody responses that protect against malaria in children	Pediatric Medicine	15
386	MSUCOM	Role of the Gut Microbiota in Shaping Severity of Malaria	Basic Sciences and Genetics	12
387	MSUCOM	Tuberculosis in Malawian children under five years old: exploring non-invasive diagnostic strategies and the impact of malnutrition on treatment pharmacokinetics	Pediatric Medicine	15

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388	MSUCOM	Utilizing gametocyte immunity to reduce malaria transmission	Public Health and Epidemiology	10
389	MSUCOM	Evaluation of Sorghum Bioactive Compounds as Anti-bacterial Agents in Legionella and Listeria Infections	Infectious Diseases and Immunology	6
390	MSUCOM	CRISPRa induced expression of native MRI reporter proteins	Basic Sciences and Genetics	12
391	MSUCOM	First steps towards a facile, large animal model of human ovarian cancer for testing novel intraperitoneal targeted therapies	Oncology and Cancer-related Research	9
392	MSUCOM	Image-Guided Intraductal Ablative Procedure for Primary Prevention of Breast Cancer	Oncology and Cancer-related Research	9
393	MSUCOM	Oxylipin Signaling in Congenital Heart Disease	Cardiovascular and Metabolic Disorders	4
394	MSUCOM	Whole brain, PET-based molecular neuroimaging of fos expression – a new tool for imaging neurocircuitry involved in complex behavior	Neuroscience, Neurology, and Cognitive Disorders	1
395	MSUCOM	Adaptive Symptom Self-Management to Reduce Psychological Distress and Improve Symptom Management for Survivors on Immune Checkpoint Inhibitors	Mental Health, Substance Use, and Behavioral Health	7
396	MSUCOM	IPT for major depression following perinatal loss	Mental Health, Substance Use, and Behavioral Health	7
397	MSUCOM	Managing symptoms and psychological distress during oral anti-cancer treatment	Mental Health, Substance Use, and Behavioral Health	7
398	MSUCOM	Maternal Health Multilevel Intervention/s for Racial Equity (MIRACLE) Center	Women's and Maternal Health	8
399	MSUCOM	The ROSE Scale-Up Study: Informing a decision about ROSE as universal postpartum depression prevention	Women's and Maternal Health	8
400	MSUCOM	Vida Plena: Lifestyle intervention for Hispanic female cancer survivors and caregivers	Oncology and Cancer-related Research	9
401	MSUCOM	Tracheostomy and Laryngectomy Care: Virtual Reality Training for Health Professionals	Education and Workforce Development	11
402	MSUCOM	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	Public Health and Epidemiology	10
403	MSUCOM	Treating Brain Swelling In Pediatric Cerebral Malaria	Pediatric Medicine	15

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404	MSUCOM	Mast Cell Activation as a Common Mechanism of Pulmonary Toxicity by Chemical Threat Agents	Infectious Diseases and Immunology	6
405	MSUCOM	Treatment strategies for ocular toxicity from chloropicrin	Basic Sciences and Genetics	12
406	MSUCOM	Understanding Mustard Vesicants Distribution and Toxicity in the Eye Using In Vivo and In Silico Models	Basic Sciences and Genetics	12
407	MSUCOM	Bladder Wall Stiffness Drives Sensation of Fullness	Nutrition, Obesity, Diabetes, and Metabolism	5
408	MSUCOM	27th Annual Midwest Microbial Pathogenesis Conference (MMPC)	Basic Sciences and Genetics	12
409	MSUCOM	Discovery of new phage defense systems in Vibrio cholerae	Basic Sciences and Genetics	12
410	MSUCOM	Exploring cyclic di-nucleotide signaling across the tree of life	Basic Sciences and Genetics	12
411	MSUCOM	Exploring cyclic di-nucleotide signaling across the tree of life (Supplement)	Basic Sciences and Genetics	12
412	MSUCOM	Novel Antibiofilm Treatments for Pseudomonas aeruginosa Infection	Infectious Diseases and Immunology	6
413	MSUCOM	Role of disrupted ASL pH regulation in small airways in CF lung disease pathogenesis	Infectious Diseases and Immunology	6
414	MSUCOM	The contribution of novel cytidine deaminase regulatory systems to bacterial evolution	Basic Sciences and Genetics	12
415	MSUCOM	TRPV1 Mediates Progressive Stress-Induced Bladder Dysfunction	Basic Sciences and Genetics	12
416	MSUCOM	Discovery of GS-biased 5-HT7 receptor agonists for treatment of Hypertension	Cardiovascular and Metabolic Disorders	4
417	MSUCOM	Role of vascular chemerin as a. regulator of blood pressure and contributor to cardiovascular disease	Cardiovascular and Metabolic Disorders	4
418	MSUCOM	Role of Vascular Chemerin as a Regulator of Blood Pressure and Contributor to Cardiovascular Disease	Cardiovascular and Metabolic Disorders	4
419	MSUCOM	University of Michigan Kidney, Urology and Hematology Research Training Network	Education and Workforce Development	11
420	MSUCOM	AI-based platform for predicting emerging vaccine-escape variants and designing mutation-proof antibodies	Basic Sciences and Genetics	12
421	OSU- all campuses	ENT Temporal Bone Lab	Education and Workforce Development	11
422	OSU- all campuses	3D Histology of Bone Vasculature and Growth in Dinosaurs and Mammals	Anatomy	18

Unique Number	COM	Research Project	Research Topic	Research Topic Code
423	OSU- all campuses	Ballard Lab Equipment and Processing Tools	Education and Workforce Development	11
424	OSU- all campuses	Ballard Lab Supplies	Education and Workforce Development	11
425	OSU- all campuses	Graduate Student Program Research Support	Education and Workforce Development	11
426	OSU- all campuses	NBOME; C3DO Pilot - Core Competency Capstone Pilot Agreement	Education and Workforce Development	11
427	OSU- all campuses	A Personalized Preventive Care Recommendation System by Integrating Guidelines with the EHR Data	Education and Workforce Development	11
428	OSU- all campuses	HEALthy Brain and Child Development National Consortium	Pediatric Medicine	15
429	OSU- all campuses	HEALthy Brain and Child Development National Consortium	Pediatric Medicine	15
430	OSU- all campuses	HBCD - NCAC	Pediatric Medicine	15
431	OSU- all campuses	HBCD Resource Closet	Pediatric Medicine	15
432	OSU- all campuses	Implementation Science Approach to Adolescent Nutrition & Neurodevelopment	Pediatric Medicine	15
433	OSU- all campuses	HBCD - Admin Core	Pediatric Medicine	15
434	OSU- all campuses	HBCD OK Pool	Pediatric Medicine	15
435	OSU- all campuses	HEALthy Brain and Child Development Study Behavioral/Clinical/Developmental Assessment Training & Quality Oversight Proposal - Supplemental funds from USCD	Pediatric Medicine	15
436	OSU- all campuses	A Phase 2, Randomized, Double-blind, Multi-dose, Dose Finding Studyto Evaluate the Safety, Tolerability and Immunogenicity of AFX3772 Compared with PCVs in Healthy Infants	Pediatric Medicine	15
437	OSU- all campuses	Psychologist Expansion Program	Mental Health, Substance Use, and Behavioral Health	7
438	OSU- all campuses	Center for Indigenous Resilience, Culture, and Maternal Health Equity (CIRCLE) - Training Component	Native American	19
439	OSU- all campuses	FLOURISH	Native American	19
440	OSU- all campuses	CIRCA	Pediatric Medicine	15
441	OSU- all campuses	Center for Integrative Research on Childhood Adversity	Pediatric Medicine	15
442	OSU- all campuses	Osage Community Supported Agriculture Study (OCSA)	Native American	19
443	OSU- all campuses	Indigenous Foodways and Health	Native American	19
444	OSU- all campuses	NARCH 12	Native American	19

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445	OSU- all campuses	Nutrition to Optimize, Understand, and Restore Insulin Sensitivity in HIV for Oklahoma (NOURISH OK)	Infectious Diseases and Immunology	6
446	OSU- all campuses	Oklahoma Center for Microbiome Research (OCMR)	Basic Sciences and Genetics	12
447	OSU- all campuses	Development of a High Throughput System for Testing of Adjuvants for Toxicity and Efficacy	Basic Sciences and Genetics	12
448	OSU- all campuses	A History of the Indian Schools of Practical Nursing in the United States, 1935–1975	Native American	19
449	OSU- all campuses	STAR - Development of a Novel Addiction Medicine Therapeutic - Assessing Whether Semaglutide Reduces Alcohol Craving	Mental Health, Substance Use, and Behavioral Health	7
450	OSU- all campuses	A Phase 2, Multicenter, Randomized Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of Pemvidutide in the Treatment of Alcohol Use Disorder	Mental Health, Substance Use, and Behavioral Health	7
451	OSU- all campuses	Paleontology and Anatomy Research Fund	Anthropology/Paleontology	20
452	OSU- all campuses	Heartland Telehealth Resource Center	Social Determinants of Health; Rural Heatlh	22
453	OSU- all campuses	BPA between OSU-CHS and OKC IHS for Specialty Medical Services for Patients	Native American	19
454	Rowan- Virtua SOM- all campuses	Investigating the potential impact of a low-fat high fiber diet in limiting TBI-induced neurodegenerative and inflammatory changes.	Neuroscience, Neurology, and Cognitive Disorders	1
455	Rowan- Virtua SOM- all campuses	Plasmalogen Precursor Supplements as a Potential Treatment for Traumatic Brain Injury	Neuroscience, Neurology, and Cognitive Disorders	1
456	Rowan- Virtua SOM- all campuses	Elucidating a Molecular Pathway Responsible for the Degeneration of Cholinergic Neurons Using a Modified TBI Model	Neuroscience, Neurology, and Cognitive Disorders	1
457	Rowan- Virtua SOM- all campuses	Utilization of Precision Medicine and Nutrition to Improve Care and Quality of Life in Individuals with Autism Spectrum Disorder	Neuroscience, Neurology, and Cognitive Disorders	1
458	Rowan- Virtua SOM- all campuses	National HCOP Academy to Support Careers in Osteopathic Medicine	Education and Workforce Development	11
459	Rowan- Virtua SOM- all campuses	Inhibition of Hedgehog Signaling as a Therapeutic Strategy for OSCC	Basic Sciences and Genetics	12
460	Rowan- Virtua SOM- all campuses	Hedgehog signaling regulation of postnatal tongue and taste organ morphogenesis	Basic Sciences and Genetics	12

Unique Number	COM	Research Project	Research Topic	Research Topic Code
461	Rowan- Virtua SOM- all campuses	Inhibiting Hedgehog Signaling in Oral Squamous Cell Carcinoma: A New Therapeutic Avenue	Oncology and Cancer-related Research	9
462	Rowan- Virtua SOM- all campuses	Targeting Hedgehog Pathway to Combat Oral Cancer	Oncology and Cancer-related Research	9
463	Rowan- Virtua SOM- all campuses	RowanSOM Academic Detailing Program	Mental Health, Substance Use, and Behavioral Health	7
464	Rowan- Virtua SOM- all campuses	Southern NJ Medication Assisted Treatment Center of Excellence (base COE)	Mental Health, Substance Use, and Behavioral Health	7
465	Rowan- Virtua SOM- all campuses	Functional organization of locus coeruleus projections to CNS motor circuits	Basic Sciences and Genetics	12
466	Rowan- Virtua SOM- all campuses	Psychostimulant Effects on Cognitive Flexibility and Risk-Based Decsion-Making Behavior Following Repetitive Mild Traumatic Brain Injury	Neuroscience, Neurology, and Cognitive Disorders	1
467	Rowan- Virtua SOM- all campuses	Pathways to Pain Management for Persons with Disablilites	Pain, OMT, and Musculoskeletal Research	2
468	Rowan- Virtua SOM- all campuses	Role of brain Avpr1a-expressing neurons in modulation of social behavior	Neuroscience, Neurology, and Cognitive Disorders	1
469	Rowan- Virtua SOM- all campuses	Alzheimer's Disease Program Initiative	Neuroscience, Neurology, and Cognitive Disorders	1
470	Rowan- Virtua SOM- all campuses	Rowan-Virtua SOM Migrant Health Initiative	Social Determinants of Health; Rural Heatlh	22
471	Rowan- Virtua SOM- all campuses	Therapeutic Advances for MED13L Syndrome: Drug Repurposing Studies to Target Mitochondrial Dysfunction	Basic Sciences and Genetics	12
472	Rowan- Virtua SOM- all campuses	Stress as an accelerating factor for brain and behavior changes in a rodent model of Alzheimer's Disease	Neuroscience, Neurology, and Cognitive Disorders	1
473	Rowan- Virtua SOM- all campuses	Differential clearance of pyroglutamate abeta through arachnoid and meningeal lymphatics in Alzheimer Disease	Neuroscience, Neurology, and Cognitive Disorders	1
474	Rowan- Virtua SOM- all campuses	Integrating Evidence-Based Primary Care and Behavioral Health in Internal Medicine Residency Training at the Sewell Campus	Mental Health, Substance Use, and Behavioral Health	7
475	Rowan- Virtua SOM- all campuses	Medical Student Patient Navigation Program to Enhance Medical Education and Improve Prevention Screening in Residents of Southern New Jersey	Education and Workforce Development	11
476	Rowan- Virtua SOM- all campuses	Comparing the Relapse Rate Between MAT-only treatment and MAT with OMT Regimen in Patients with Musculoskeletal Pain	Pain, OMT, and Musculoskeletal Research	2
477	Rowan- Virtua SOM- all campuses	SUPPLEMENT: Screening Brief Intervention and Referral to Treatment (SBIRT) Continuation	Mental Health, Substance Use, and Behavioral Health	7

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478	Rowan- Virtua SOM- all campuses	2025 Rowan-Virtua Summer PREP Program	Education and Workforce Development	11
479	Rowan- Virtua SOM- all campuses	Counteracting cardiorespiratory and subjective effects of fentanyl-xylazine mixtures using a dual antagonist approach	Basic Sciences and Genetics	12
480	Rowan- Virtua SOM- all campuses	Reproductive history and later-life brain health: The Bogalusa Heart Study	Cardiovascular and Metabolic Disorders	4
481	Rowan- Virtua SOM- all campuses	I3C DECADE: Disparities and Equity in Childhood Cardiovascular Exposures and Alzheimer's Dementia	Neuroscience, Neurology, and Cognitive Disorders	1
482	Rowan- Virtua SOM- all campuses	Guided Learning Groups Initiative	Education and Workforce Development	11
483	Rowan- Virtua SOM- all campuses	Psychogenics - Data analytical services.	Mental Health, Substance Use, and Behavioral Health	7
484	Rowan- Virtua SOM- all campuses	Activation of cMet signaling as a novel treatment for cognitive deficits and neuroinflammation after traumatic brain injury	Neuroscience, Neurology, and Cognitive Disorders	1
485	Rowan- Virtua SOM- all campuses	Role of HGF/cMet Signaling Pathways in Neuroprotection, Neuroinflammation, and Cognitive Function after Mild Traumatic Brain Injury.	Neuroscience, Neurology, and Cognitive Disorders	1
486	Rowan- Virtua SOM- all campuses	Productive and latent HIV infection of microglia: virus and host wrestle for SUMOylation system control	Basic Sciences and Genetics	12
487	Rowan- Virtua SOM- all campuses	RNA oxidation in RAS-driven cancer	Oncology and Cancer-related Research	9
488	Rowan- Virtua SOM- all campuses	Extracellular RNA as a Prospective Biomarker in Ischemia/Reperfusion Injury	Basic Sciences and Genetics	12
489	Rowan- Virtua SOM- all campuses	Exploring Ribosomal RNA as a Potential Biomarker in Neurodegenerative Diseases	Neuroscience, Neurology, and Cognitive Disorders	1
490	Rowan- Virtua SOM- all campuses	AGH Center for Traumatic Stress in Children and Adolescents	Pediatric Medicine	15
491	Rowan- Virtua SOM- all campuses	Detection of blood-based biomarkers for Huntington's Disease	Neuroscience, Neurology, and Cognitive Disorders	1
492	Rowan- Virtua SOM- all campuses	Targeting of Motor Neurons by AAV in a Large Animal Model	Neuroscience, Neurology, and Cognitive Disorders	1
493	Rowan- Virtua SOM- all campuses	Impact of nigral and extranigral neurodegeneration on aerodigestive discoordination in a pesticide model of Parkinson's disease	Neuroscience, Neurology, and Cognitive Disorders	1
494	Rowan- Virtua SOM- all campuses	Lecture Capture Transcript Accuracy	Education and Workforce Development	11
495	Rowan- Virtua SOM- all campuses	Cadherins, contact normalization, and targeting podoplanin to treat oral cancer	Oncology and Cancer-related Research	9
496	Rowan- Virtua SOM- all campuses	Targeting OSCC cells with a lozenge to treat oral cancer	Oncology and Cancer-related Research	9

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497	Rowan- Virtua SOM- all campuses	FY25 Summer Student Research Grant Program	Education and Workforce Development	11
498	Rowan- Virtua SOM- all campuses	The role of superoxide dismutase SOD-1 in microbe-gut-brain interaction	Neuroscience, Neurology, and Cognitive Disorders	1
499	Rowan- Virtua SOM- all campuses	Provider's Clinical Support System - Universities	Education and Workforce Development	11
500	Rowan- Virtua SOM- all campuses	Identification of Serum-Based Autoantibody Biomarkers for Autism Spectrum Disorders	Neuroscience, Neurology, and Cognitive Disorders	1
501	Rowan- Virtua SOM- all campuses	Primary Care Curriculum Development and Training to Improve Health Outcomes for Individuals with Physical Disabilities and IDD	Neuroscience, Neurology, and Cognitive Disorders	1
502	Rowan- Virtua SOM- all campuses	Shared services agreement of Counties of Gloucester and Rowan University SOM for the services of Rowan Integrated Special Needs (RISN) Center Licensed Clinical Social Worker	Social Determinants of Health; Rural Heatlh; Special Needs	22
503	Rowan- Virtua SOM- all campuses	Southern NJ Medication Assisted Treatment Center of Excellence (base COE)	Mental Health, Substance Use, and Behavioral Health	7
504	Rowan- Virtua SOM- all campuses	Southern NJ Medication Assisted Treatment Center of Excellence (Training Grant)	Mental Health, Substance Use, and Behavioral Health	7
505	Rowan- Virtua SOM- all campuses	Substance Abuse and HIV Prevention Navigation for High Risk African American and Hispanic Youth of New Jersey	Mental Health, Substance Use, and Behavioral Health	7
506	Rowan- Virtua SOM- all campuses	Targeting Astrocyte-Neuron vesicular coupling as a strategy to alleviate brain aging related to cocaine addiction.	Mental Health, Substance Use, and Behavioral Health	7
507	Rowan- Virtua SOM- all campuses	The Role of Cyclin C in mediating neurodegenerative proteinopathies	Basic Sciences and Genetics	12
508	Rowan- Virtua SOM- all campuses	New Jersey Geriatrics Workforce Enhancement Program (NJGWEP) Nursing Staff Training in Nursing Home Care	Education and Workforce Development	11
509	Rowan- Virtua SOM- all campuses	Model-State Supported Area Health Education Centers Program	Education and Workforce Development	11
510	Rowan- Virtua SOM- all campuses	Endometriosis Education, Screening, Brief Intervention, and Referral to Treatment (ENDO-SBIRT) to Increase Diagnosis and Treatment of Endometriosis in Women with OUDs at Risk for Fatal Overdose	Women's and Maternal Health	8
511	Rowan- Virtua SOM- all campuses	New Jersey Health Foundation's Excellence in Research Award for 2024-2025	Education and Workforce Development	11
512	Rowan- Virtua SOM- all campuses	Structure-Function Correlation of Phenotypic Severity in Canavan Disease	Basic Sciences and Genetics	12

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513	Rowan- Virtua SOM- all campuses	Investigating the link between repetitive mild TBI and oxycodone craving: a role for calcium-permeable AMPA receptors?	Neuroscience, Neurology, and Cognitive Disorders	1
514	Rowan- Virtua SOM- all campuses	DMAHS for the NJFC-IES		22
515	Rowan- Virtua SOM- all campuses	Exploring How Commercially Available Tobacco Flavored E-Cigarette Aerosols Impact Human Airway Mucociliary Tissue Homeostasis and Regeneration	Basic Sciences and Genetics	12
516	Rowan- Virtua SOM- all campuses	Characterizing novel lung carcinoma cultures for drug target discovery and validation	Oncology and Cancer-related Research	9
517	Rowan- Virtua SOM- all campuses	Neurochemical phenotype and connectivity of periaqueductal gray neurons that are activated during cocaine relapse	Oncology and Cancer-related Research	9
518	Rowan- Virtua SOM- all campuses	Screening for inhibitors of Candida auris Rmd9-RNA interaction in a search for the novel anti-fungal drugs	Basic Sciences and Genetics	12
519	Rowan- Virtua SOM- all campuses	A Comprehensive Center for Huntington's Disease	Neuroscience, Neurology, and Cognitive Disorders	1
520	Rowan- Virtua SOM- all campuses	HDSA Center of Excellence	Neuroscience, Neurology, and Cognitive Disorders	1
521	Rowan- Virtua SOM- all campuses	All-Star Youth Sports Clinic for Children with Disabilities Led by Medical Student Coaches to Improve Child Health and Build Trusting Relationships with Future Physicians	Pediatric Medicine	15
522	Rowan- Virtua SOM- all campuses	Chaperoning Preassembly Modules for Mitochondrial Ribosome Assembly	Basic Sciences and Genetics	12
523	Rowan- Virtua SOM- all campuses	Mitochondrial Gene Expression in Fungal Pathogens: Insights into Unique Mechanisms	Basic Sciences and Genetics	12
524	Rowan- Virtua SOM- all campuses	Pathways to Careers in Primary Care for Osteopathic Medical Students to Address Physician Shortages in New Jersey	Education and Workforce Development	11
525	Rowan- Virtua SOM- all campuses	Cellular and molecular mechanisms regulating synovial joint development	Basic Sciences and Genetics	12
526	Rowan- Virtua SOM- all campuses	Hyaluronic acid (HA) metabolism in limb synovial joint development	Basic Sciences and Genetics	12
527	Rowan- Virtua SOM- all campuses	Brain Injury Research (Fellowships) 2025	Neuroscience, Neurology, and Cognitive Disorders	1
528	Rowan- Virtua SOM- all campuses	Catecholaminergic dysfunction in an Alzheimer's disease rat model	Neuroscience, Neurology, and Cognitive Disorders	1
529	Rowan- Virtua SOM- all campuses	Crisis Outreach during Police Encounters Response System in Atlantic City, NJ (Project COPE)	Mental Health, Substance Use, and Behavioral Health	7

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530	Rowan- Virtua SOM- all campuses	Project CARES: Increasing Access to Effective Trauma-Focused Treatment Through Training and Self-Care	Mental Health, Substance Use, and Behavioral Health	7
531	Rowan- Virtua SOM- all campuses	Effectiveness of the Osteopathic Pedal Pump on Reducing Lower Limb Volume in Older Adults with Chronic Leg Lymphedema	Pain, OMT, and Musculoskeletal Research	2
532	Rowan- Virtua SOM- all campuses	Student Stipends for: Effectiveness of the Osteopathic Pedal Pump on Reducing Lower Limb Volume in Older Adults with Chronic Leg Lymphedema	Pain, OMT, and Musculoskeletal Research	2
533	Rowan- Virtua SOM- all campuses	Training Program to Educate Geriatricians to Deliver Contextualized Care	Geriatric, Aging Medicine	14
534	Rowan- Virtua SOM- all campuses	Psychostimulant Effects on Cognitive Flexibility and Risk-Based Decision-Making Behavior Following Repetitive Mild Traumatic Brain Injury	Neuroscience, Neurology, and Cognitive Disorders	1
535	Rowan- Virtua SOM- all campuses	Rowan-Virtua SOM-Gloucester County Mobile Integrated Behavioral Health (IBH) Unit	Mental Health, Substance Use, and Behavioral Health	7
536	Rowan- Virtua SOM- all campuses	Rowan Integrated, Support, Education, and Recovery (RISER) Program	Mental Health, Substance Use, and Behavioral Health	7
537	Rowan- Virtua SOM- all campuses	Minority AIDS Initiative for High Risk Men of New Jersey	Social Determinants of Health; Rural Heatlh; Special Needs	22
538	Rowan- Virtua SOM- all campuses	Increasing Access to Treatment and Housing for Homeless Overdose Survivors in Atlantic County New Jersey (GBHI; Scheffler)	Mental Health, Substance Use, and Behavioral Health	7
539	Rowan- Virtua SOM- all campuses	Community Health Worker (CHW) Training Program: Dual CHW-Certified Peer Recovery Specialist (CPRS) Apprenticeship Program to Integrate Health into Recovery Support Education in New Jersey	Mental Health, Substance Use, and Behavioral Health	7
540	Rowan- Virtua SOM- all campuses	VA Staff Sargeant Parker Gordon Fox Suicide Prevention Grant Program (SSG Fox SPGP): Mobile Suicide Prevention Program for Veterans in Rural and Medically Underserved Communities of Southern New Jersey (Subcontract to Schleffler)	Social Determinants of Health; Rural Heatlh; Special Needs	22
541	Rowan- Virtua SOM- all campuses	FY 2024 NJ Opioid Dialogue with Experts Podcasts Program (ODEP)	Mental Health, Substance Use, and Behavioral Health	7
542	Rowan- Virtua SOM- all campuses	Community Health Workers to Build Capacity for COVID-19 Response and Create Resilient Communities in Atlantic County, New Jersey	Education and Workforce Development	11
543	Rowan- Virtua SOM- all campuses	Northeast Collaborative to Improve Access to Overdose Treatment	Mental Health, Substance Use, and Behavioral Health	7

Unique Number	COM	Research Project	Research Topic	Research Topic Code
544	Rowan- Virtua SOM- all campuses	Reconstructing the evolution of novel developmental regulators	Basic Sciences and Genetics	12
545	Rowan- Virtua SOM- all campuses	Sunscreen and Health Drive	Primary Care	24
546	Rowan- Virtua SOM- all campuses	Untangling the mechanisms of initiation and discontinuous RNA synthesis by COVID-19 RdRp	Basic Sciences and Genetics	12
547	Rowan- Virtua SOM- all campuses	Mitochondrial magnesium regulates MCU activity and PTP opening during ischemic reperfusion injury	Basic Sciences and Genetics	12
548	Rowan- Virtua SOM- all campuses	Evaluation of Sleep Quality and Delirium after Intracerebral Hemorrhage: A Pilot Feasibility Study	Neuroscience, Neurology, and Cognitive Disorders	1
549	Rowan- Virtua SOM- all campuses	Community Maternal Health Education Podcast for the BIPOC Community	Women's and Maternal Health	8
550	Rowan- Virtua SOM- all campuses	New Jersey Health Foundation Excellence in Teaching Award	Education and Workforce Development	11
551	Rowan- Virtua SOM- all campuses	Psychiatry Residency Initiative	Mental Health, Substance Use, and Behavioral Health	7
552	Rowan- Virtua SOM- all campuses	Community Psychiatry Residency Training Initiative	Mental Health, Substance Use, and Behavioral Health	7
553	Rowan- Virtua SOM- all campuses	CARES Institute DCP&P FY25 Contract 25 XDDS	Mental Health, Substance Use, and Behavioral Health	7
554	Rowan- Virtua SOM- all campuses	The Transcend, Heal, Respond, InnoVate, & Empower (THRIVE) Center	Mental Health, Substance Use, and Behavioral Health	7
555	Rowan- Virtua SOM- all campuses	Integrated Mental Health Awareness and Suicide Prevention from Opiates Training for Individuals at the Frontline of the Opioid Epidemic in New Jersey (MHAT)	Mental Health, Substance Use, and Behavioral Health	7
556	Rowan- Virtua SOM- all campuses	Neuroplasticity-Based Suicide Prevention Program for Allopathic and Osteopathic Medical Students at Rowan University	Mental Health, Substance Use, and Behavioral Health	7
557	Rowan- Virtua SOM- all campuses	MED13L Syndrome Study	Basic Sciences and Genetics	12
558	Rowan- Virtua SOM- all campuses	RPA-Directed DNA Repair Mechanisms	Basic Sciences and Genetics	12
559	Rowan- Virtua SOM- all campuses	Mechanism of Enzyme Regulation by Magnesium	Basic Sciences and Genetics	12
560	Rowan- Virtua SOM- all campuses	Targeting Astrocyte-Neuron vesicular coupling as a strategy to alleviate brain aging related to cocaine addiction.	Mental Health, Substance Use, and Behavioral Health	7
561	Rowan- Virtua SOM- all campuses	Student Health & Wellness Nutrition Initiative	Nutrition, Obesity, Diabetes, and Metabolism	5
562	Rowan- Virtua SOM- all campuses	Serotoninergic Signaling in the Orbitofrontal Cortex for Updating Value-Based Choices	Basic Sciences and Genetics	12

Unique Number	COM	Research Project	Research Topic	Research Topic Code
563	Rowan- Virtua SOM- all campuses	A novel, vertically integrated, multidisciplinary module with an eye to the future: the Human Microbiome Unit.	Basic Sciences and Genetics	12
564	Rowan- Virtua SOM- all campuses	Trauma-Focused Cognitive Behavioral Therapy for Children and Adolescents of Puerto Rico	Mental Health, Substance Use, and Behavioral Health	7
565	Rowan- Virtua SOM- all campuses	Autoantibody profile as a novel biomarker for sepsis	Basic Sciences and Genetics	12
566	Rowan- Virtua SOM- all campuses	Antimicrobial and immunomodulatory effects of Lactobacillus Acidophilus postbiotics	Basic Sciences and Genetics	12
567	SHSU-COM	Transforming Teaching Approaches for Breaking Bad News: Incorporating a Research Team-Developed Voice-Based Chatbot for Communication Training	Communication/Interprofessional	16
568	SHSU-COM	Advancing Healthcare Research Capacity: An Innovative Master's Program in Applied Biomedical Sciences	Education and Workforce Development	11
569	TCOM	Investigating Integrative Behavioral Health in Schools: Asthma as a Case Example	Mental Health, Substance Use, and Behavioral Health	7
570	TCOM	Epigenetic Risk Factors for AD Age at Onset and Health Disparities: HABLE Epigenetics Study	Neuroscience, Neurology, and Cognitive Disorders	1
571	TCOM	Travel to TARCC Science Symposium 2025	Education and Workforce Development	11
572	TCOM	TCMHCC ARPA Funding Pediatric Collaborative Care Model Program	Pediatric Medicine	15
573	TCOM	WFE - Workforce Expansion	Education and Workforce Development	11
574	TCOM	Improving Education and Practice Guidelines for Substance Use Disorder and Developmental Disabilities	Mental Health, Substance Use, and Behavioral Health	7
575	TCOM	Improving Tarrant County Dementia Support	Neuroscience, Neurology, and Cognitive Disorders	1
576	TCOM	Health and Aging Brain among Latino Elders (HABLE-AT(N)) Study	Social Determinants of Health; Rural Heatlh; Special Needs	22
577	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00281	Neuroscience, Neurology, and Cognitive Disorders	1
578	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00282	Neuroscience, Neurology, and Cognitive Disorders	1
579	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00283	Neuroscience, Neurology, and Cognitive Disorders	1
580	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00284	Neuroscience, Neurology, and Cognitive Disorders	1

Unique Number	COM	Research Project	Research Topic	Research Topic Code
581	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00285	Neuroscience, Neurology, and Cognitive Disorders	1
582	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00286	Neuroscience, Neurology, and Cognitive Disorders	1
583	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00287	Neuroscience, Neurology, and Cognitive Disorders	1
584	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00288	Neuroscience, Neurology, and Cognitive Disorders	1
585	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00289	Neuroscience, Neurology, and Cognitive Disorders	1
586	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00290	Neuroscience, Neurology, and Cognitive Disorders	1
587	TCOM	The impact of bilingualism on cognitive reserve/resilience using socio-demographically and linguistically diverse populations	Neuroscience, Neurology, and Cognitive Disorders	1
588	TCOM	Development of a novel device for diabetic wound healing using high-frequency, low amplitude vibration	Medical Technology and Innovation	13
589	TCOM	Longitudinal validation of retinal biomarkers against cerebral biomarkers in the Atlas of Retinal Imaging in Alzheimer's Study (ARIAS)	Mental Health, Substance Use, and Behavioral Health	7
590	TCOM	Precision Medicine for Inflammatory Treatment for Alzheimer's Disease in Down Syndrome	Mental Health, Substance Use, and Behavioral Health	7
591	TCOM	Impact of Ethnicity on the Utility of Plasma Amyloid and Tau to Predict Alzheimer's Disease	Mental Health, Substance Use, and Behavioral Health	7
592	TCOM	Maternal Mortality and Morbidity Task Force	Women's and Maternal Health	8
593	TCOM	All for Them-RS80018	Pediatric Medicine	15
594	TCOM	All for Them-RS80021	Pediatric Medicine	15
595	TCOM	Workforce Enhancement in Healthy Aging and Independent Living Collaborative-RF10043	Education and Workforce Development	11
596	TCOM	Workforce Enhancement in Healthy Aging and Independent Living Collaborative-RF10044	Education and Workforce Development	11
597	TCOM	THECB GME Expansion for TCOM Internal Medicine	GME	17
598	TUCOM-CA	Enhancing Drug Safe Solano Harm Reduction Services	Mental Health, Substance Use, and Behavioral Health	7
599	TUCOM-CA	Extra-hepatic postprandial metabolism of dietary fructose	Basic Sciences and Genetics	12
600	TUCOM-CA	California Department of Public Health Heart 1	Cardiovascular and Metabolic Disorders	4

Unique Number	COM	Research Project	Research Topic	Research Topic Code
601	TUCOM-CA	California Department of Public Health - Diabetes	Nutrition, Obesity, Diabetes, and Metabolism	5
602	TUCOM-CA	Type 1 Diabetes Early Detection Screening	Nutrition, Obesity, Diabetes, and Metabolism	5
603	TUCOM-CA	Mobile Diabetes Education Center (MOBEC)	Nutrition, Obesity, Diabetes, and Metabolism	5
604	TUCOM-CA	Clinicial Trial_Observation and Identification of Glycemic Metrics and Patterns in People with and without Prediabetes PREMAP	Nutrition, Obesity, Diabetes, and Metabolism	5
605	TUCOM-CA	Fructose Metabolism Effects on the Liver: Unraveling the Role of Defective Intestinal GNG in Individuals with Obesity	Nutrition, Obesity, Diabetes, and Metabolism	5
606	TUCOM-CA	The Touro University California Health Careers Opportunity Program (HCOP) Academy	Education and Workforce Development	11
607	TUCOM-CA	California Overdose Prevention Network, DSS Coalition Reducing Overdose Deaths in CA through Prevention, Treatment and Harm Reduction Strategies led by Multi-Sector Coalitions	Mental Health, Substance Use, and Behavioral Health	7
608	TUCOM-CA	Bioenergetic Control of Estrogen-Driven Breast Cancer Cell Proliferation	Oncology and Cancer-related Research	9
609	TUCOM-CA	Cannabinoid Signaling Interactions During Axon Development in Situ	Basic Sciences and Genetics	12
610	TUCOM-CA	Utilization of an Equity Lab model to develop effective Community Partnerships and Interprofessional Collaboration in the education of future healthcare professionals in providing quality healthcare in underserved communities	Education and Workforce Development	11
611	TUCOM-CA	Integration of an Innovative Virtual Culinary Medicine Curriculum into Undergraduate Clinical Medical Education	Nutrition, Obesity, Diabetes, and Metabolism	5

REPORTED NO GRANTS - 5 COMS

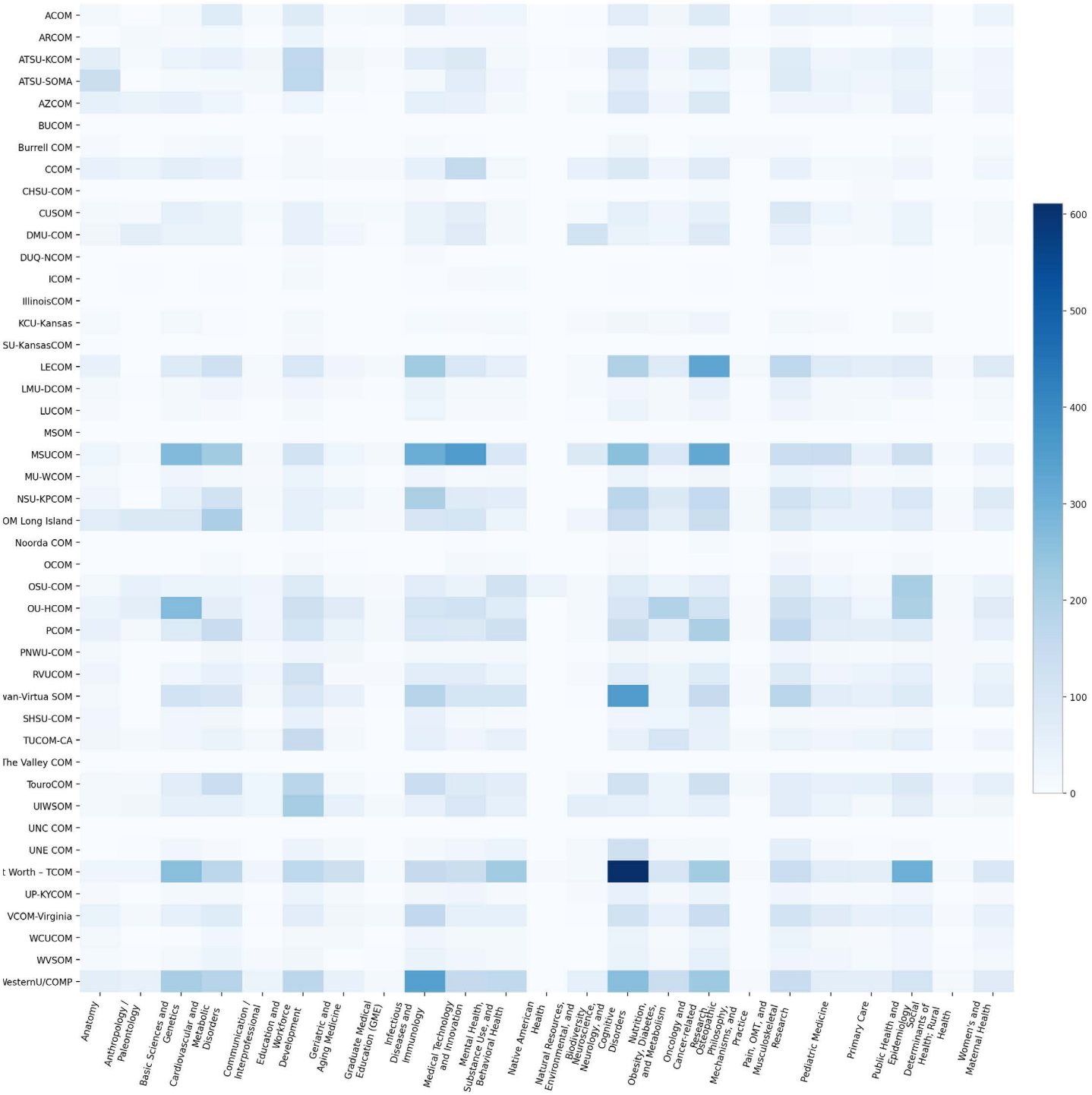
UIWSOM, ICOM, OCOM, Meritus School of Osteopathic Medicine (MSOM), BUCOM (0 projects)

APPENDIX F:
TOTAL FREQUENCY AND PERCENTAGE OF PROJECTS BY TYPE OF GRANT AND COM

COM	1= Federal Grants		2= State Grants		3=Local Government Grants	
ORIGINAL RESPONDENTS	**N**	**%**	**N**	**%**	**N**	**%**
ARCOM	1	0.4	1	2.0		0.0
ATSU-KCOM,ATSU-SOMA	1	0.4		0.0		0.0
BCOM and BCOM Melbourne	2	0.7	1	2.0		0.0
DMU-COM	4	1.4	1	2.0		0.0
MU-WCOM- Marian University	4	1.4		0.0		0.0
NYITCOM (All campuses)	9	3.2	1	2.0		0.0
OU-HCOM (All campuses)	9	3.2		0.0		0.0
PCOM (All campuses)	5	1.8	2	4.1		0.0
TOURO-NY (All campuses)	12	4.3		0.0		0.0
UNECOM	33	11.9	2	4.1	1	33.3
WesternU-COMP (All campuses)	13	4.7		0.0		0.0
NEW RESPONDENTS						
Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	10	3.6		0.0		0.0
Chicago College of Osteopathic Medicine (CCOM)	4	1.4		0.0		0.0
CHSU-COM	1	0.4		0.0		0.0
CUSOM		0.0		0.0		0.0
KCU-Kansas City and KCU-Joplin	2	0.7		0.0		0.0
KYCOM	3	1.1		0.0		0.0
LMU DCOM- all campuses	1	0.4		0.0		0.0
LUCOM	1	0.4		0.0		0.0
MSUCOM	89	32.0	14	28.6		0.0
OSU- all campuses	10	3.6		0.0		0.0
Rowan- Virtua SOM- all campuses	44	15.8	19	38.8	2	66.7
SHSU-COM	1	0.4		0.0		0.0
TCOM	15	5.4	4	8.2		0.0
TUCOM-CA	4	1.4	4	8.2		0.0
Total	278	100.0	49	100.0	3	100.0
REPORTED NO GRANTS- 5 COMS						
UIWSOM	0	0	0	0	0	0
ICOM	0	0	0	0	0	0
OCOM	0	0	0	0	0	0
Meritus School of Osteopathic Medicine (MSOM)	0	0	0	0	0	0
BUCOM	0	0	0	0	0	0

TYPE OF GRANT								TOTAL	
4= Foundation Grants/ Professional Organizations		5= Corporate Grants (For Profit and Nonprofit)		6= Institutional Grants (Internal and External)		7= International			
N	%	N	%	N	%	N	%	N (ALL PROJECTS)	%
8	5.4		0.0		0.0		0.0	10	1.6
3	2.0		0.0		0.0		0.0	4	0.7
3	2.0		0.0		0.0		0.0	6	1.0
3	2.0	1	1.6		0.0		0.0	9	1.5
1	0.7		0.0		0.0		0.0	5	0.8
5	3.4		0.0		0.0		0.0	15	2.5
5	3.4	0	0.0	1	1.6	3	60.0	18	2.9
5	3.4	9	14.3		0.0		0.0	21	3.4
2	1.3		0.0		0.0		0.0	14	2.3
4	2.7		0.0		0.0		0.0	40	6.5
6	4.0	3	4.8	2	3.1		0.0	24	3.9
11	7.4	1	1.6		0.0		0.0	22	3.6
	0.0		0.0		0.0		0.0	4	0.7
2	1.3		0.0		0.0		0.0	3	0.5
4	2.7		0.0		0.0		0.0	4	0.7
2	1.3		0.0	7	10.9		0.0	11	1.8
1	0.7		0.0		0.0		0.0	4	0.7
	0.0		0.0	1	1.6		0.0	2	0.3
	0.0		0.0		0.0		0.0	1	0.2
22	14.8	42	66.7	34	53.1	2	40.0	203	33.2
13	8.7	2	3.2	8	12.5		0.0	33	5.4
45	30.2	3	4.8		0.0		0.0	113	18.5
1	0.7		0.0		0.0		0.0	2	0.3
1	0.7		0.0	9	14.1		0.0	29	4.7
2	1.3	2	3.2	2	3.1		0.0	14	2.3
149	100.0	63	100.0	64	100.0	5	100.0	611	100.0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

APPENDIX G:
DISTRIBUTION OF RESEARCH TOPICS BY COM



APPENDIX H:
TYPE OF PRINCIPAL INVESTIGATOR DEGREE BY COM

COM	Degree Type							
	1=PhD		2=DO/MD		3=EdD		4=DVM	
ORIGINAL RESPONDENTS								
	N	%	N	%	N	%	N	%
ARCOM	3	0.7	1	0.7	3	60		0.0
ATSU-KCOM,ATSU-SOMA	2	0.5	2	1.3		0		0.0
BCOM and BCOM Melbourne	4	1.0	2	1.3		0		0.0
DMU-COM	8	1.9	1	0.7		0		0.0
MU-WCOM- Marian University	3	0.7	1	0.7		0		0.0
NYITCOM (All campuses)	11	2.7	4	2.6		0		0.0
OU-HCOM (All campuses)	18	4.4		0.0		0		0.0
PCOM (All campuses)	18	4.4	3	2.0		0		0.0
TOURO-NY (All campuses)	10	2.4		0.0		0	4	44.4
UNECOM	33	8.0	4	2.6		0		0.0
WesternU-COMP (All campuses)	20	4.8	4	2.6		0		0.0
NEW RESPONDENTS								
Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	19	4.6		0.0		0	3	33.3
Chicago College of Osteopathic Medicine (CCOM)	4	1.0		0.0		0		0.0
CHSU-COM	2	0.5		0.0		0		0.0
CUSOM	3	0.7	1	0.7		0		0.0
KCU-Kansas City and KCU-Joplin	10	2.4	1	0.7		0		0.0
KYCOM	4	1.0		0.0		0		0.0
LMU DCOM- all campuses	1	0.2	1	0.7		0		0.0
LUCOM	1	0.2		0.0		0		0.0
MSUCOM	126	30.5	68	44.4		0	2	22.2
OSU- all campuses	24	5.8	5	3.3		0		0.0
Rowan- Virtua SOM- all campuses	59	14.3	44	28.8	2	40		0.0
SHSU-COM	1	0.2	1	0.7		0		0.0
TCOM	24	5.8	1	0.7		0		0.0
TUCOM-CA	5	1.2	9	5.9		0		0.0
	413	**100.0**	**153**	**100.0**	**5**	**100**	**9**	**100.0**

REPORTED NO GRANTS - 5 COMS

UIWSOM, ICOM, OCOM, Meritus School of Osteopathic Medicine (MSOM), BUCOM (0 projects)

5=MPA/MA/MS/BS/MSW/MBA/MPH		6=PharmD/DrPH (Public Health)		7=DPT		8=PsyD		Total	
N	%	N	%	N	%	N	%	N	%
	0.0		0.0	3	100		0	10	1.6
	0.0		0.0		0		0	4	0.7
	0.0		0.0		0		0	6	1.0
	0.0		0.0		0		0	9	1.5
	0.0		0.0		0		0	4	0.7
	0.0		0.0		0		0	15	2.5
	0.0		0.0		0		0	18	3.0
	0.0		0.0		0		0	21	3.4
	0.0		0.0		0		0	14	2.3
3	25.0		0.0		0		0	40	6.6
	0.0		0.0		0		0	24	3.9
	0.0		0.0		0		0	22	3.6
	0.0		0.0		0		0	4	0.7
1	8.3		0.0		0		0	3	0.5
	0.0		0.0		0		0	4	0.7
	0.0		0.0		0		0	11	1.8
	0.0		0.0		0		0	4	0.7
	0.0		0.0		0		0	2	0.3
	0.0		0.0		0		0	1	0.2
1	8.3	6	50.0		0		0	203	33.3
1	8.3	2	16.7		0	1	50	33	5.4
6	50.0		0.0		0	1	50	112	18.4
	0.0		0.0		0		0	2	0.3
	0.0	4	33.3		0		0	29	4.8
	0.0		0.0		0		0	14	2.3
12	**100.0**	**12**	**100.0**	**3**	**100**	**2**	**100**	**609**	**100.0**

APPENDIX I:
FUNDING ORGANIZATION BY PROJECT

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
1	ARCOM	Community-based exercise programs for people with neurological diagnoses	Nutrition, Obesity, Diabetes, and Metabolism	Brown University CoHSTAR Program	4
2	ARCOM	Geriatric Education	Geriatric, Aging Medicine	HRSA via UAMS consultant agreement	1
3	ARCOM	Supported High Intensity Fitness Training And Recreation	Nutrition, Obesity, Diabetes, and Metabolism	Craig H Neilsen	4
4	ARCOM	Supported High Intensity Fitness Training And Recreation	Nutrition, Obesity, Diabetes, and Metabolism	Parkinson's Foundation	4
5	ARCOM	HIRED: Tomorrow's Arkansas Biomedical Innovators: Bridging Gaps in Medical Technology Workforce	Education and Workforce Development	AR Dept of Higher Ed	2
6	ARCOM	NBME Innovations to Advance Pathways and Bridges to Medicine Grant - CHE Mentoring and Achievement Preparation Program: ARCOM	Education and Workforce Development	NBME	4
7	ARCOM	Enhancing Medical Students' Competence in Nutrition through Culinary Medicine	Nutrition, Obesity, Diabetes, and Metabolism	AACOM	4
8	ARCOM	AACOM UME-GME Task Force Residency Readiness Bootcamp	Education and Workforce Development	AACOM	4
9	ARCOM	Kids Camp	Pediatric Medicine	Arkansas Arts Council	4
10	ARCOM	Garden Program for Kids	Pediatric Medicine	Whole Kids	4
11	ATSU-KCOM,ATSU-SOMA-updated	Role of OMT in the Management of Persistent Post-Covid 19 Symptoms-A Pilot Prospective Cohort Study	Pain, OMT, and Musculoskeletal Research	AOA	4
12	ATSU-KCOM,ATSU-SOMA	Autonomic PASC Syndromes Arising from Functional Autoantibodies against G-protein Coupled Receptors	Basic Sciences and Genetics	NIH	1
13	ATSU-KCOM,ATSU-SOMA	Development of Chatbox Website for On-Call Nurse Messaging Simulation	Communication/ Interprofessional	AACOM	4

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
14	ATSU-KCOM,ATSU-SOMA	Fellows Grant Award Project	Basic Sciences and Genetics	American Association for Anatomy	4
15	BCOM and BCOM Melbourne-updated 9/22/25	The Southwest Transformative Educational Advancement Mentoring (STEAM) Network	Education and Workforce Development	NIH/NCI	1
16	BCOM and BCOM Melbourne	Enhancing and Expanding GME in Dona Ana County, NM	GME	State of NM Health Care Authority	2
17	BCOM and BCOM Melbourne	New Mexico IDeA Networks of Biomedical Research Excellence (NM-INBRE)	Basic Sciences and Genetics	NIH-NIGMS	1
18	BCOM and BCOM Melbourne	Rate of MRSA Acquisition in Medical Students from Pre-Clinical to Clinical Years	Public Health and Epidemiology	Marsh Foundation	4
19	BCOM and BCOM Melbourne	Investigating the Efficacy of OMT to Recover Olfactory Perception After COVID-19	Pain, OMT, and Musculoskeletal Research	American Osteopathic Assoc.	4
20	BCOM and BCOM Melbourne	Optimization of Splenic Pump to Induce Translocation of Immune Cells from the Spleen to the Systemic Circulation	Basic Sciences and Genetics	American Osteopathic Assoc.	4
21	DMU-COM	Elucidating the role of the Branched Chain Aminotransferases (BCATc and BCATm) as novel metabolic checkpoints of anti-lymphoma T cell immunity	Oncology and Cancer-related Research	NIH, NCI	1
22	DMU-COM	GluD1 regulation of structural plasticity in chronic ethanol exposure and protracted withdrawal	Mental Health, Substance Use, and Behavioral Health	NIH, NIAAA	1
23	DMU-COM	Empirical Analysis of Saw Mark Characteristics in Human Bone: Meeting Forensic Standards in Dismemberment Cases	Anatomy	DOJ, Office of Justice Programs	1
24	DMU-COM	Contract to conduct a review of material at the Illinois State Museum to recover any possible human remains for repatriation to Native American tribes.	Native American	Brockington & Associates	5

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
25	DMU-COM	Natural Trap 2.0: Paleontology - study of specimens from Natural Trap Cave, Wyoming.	Anthropology/Paleontology	The David B. Jones Foundation	4
26	DMU-COM	Effectiveness of a Small Group Activity (SKIPPs) for Interprofessional Learning	Communication/ Interprofessional	AACOM	4
27	DMU-COM	Development of a Novel Vasorelaxing Peptide	Basic Sciences and Genetics	NIH, NHLBI	1
28	DMU-COM	Enhancement of education in culturally and socially responsible healthcare	Social Determinants of Health	Mid-Iowa Health Foundation	2
29	DMU-COM	Estrogen-Mediated Transcriptional Regulation of Exercise Engagement	Nutrition, Obesity, Diabetes, and Metabolism	American Heart Association	4
30	MU-WCOM-Marian University	Investigating whether Chlamydia trachomatis can increase the infectivity of HPV during genital tract infection	Public Health and Epidemiology	NIH	1
31	MU-WCOM-Marian University	Teaching Health Center Planning and Development Program	Education and Workforce Development	HRSA via Indiana Health Centers(IHC) award	1
32	MU-WCOM-Marian University	Modulation of Macrophage Antifungal Activity by the Transcriptional Co-regulator CITED1	Basic Sciences and Genetics	NIH via MTSU Subaward	1
33	MU-WCOM-Marian University	The Convivium Initiative: What Do You Really Teach?	Basic Sciences and Genetics	Collegium	4
34	MU-WCOM-Marian University	NMUR2 in bone formation	Basic Sciences and Genetics	NIH	1
35	NYITCOM (All campuses)	Maternal Health Research in Arkansas	Women's and Maternal Health	Arkansas Minority Health Commission	2
36	NYITCOM (All campuses)	Maternal Health Research in Arkansas	Women's and Maternal Health	Blue and You Foundation	4
37	NYITCOM (All campuses)	NYITCOM SHARE - STEM Summer Research for K-12	Education and Workforce Development	American Chemical Society	4
38	NYITCOM (All campuses)	RgIA5474 as a novel □9□10 nicotinic acetylcholine receptor antagonist to treat migraine	Basic Sciences and Genetics	NIH	1
39	NYITCOM (All campuses)	Transcriptional Regulation of Heterogeneous Populations in Choroid Plexus Carcinoma	Oncology and Cancer-related Research	DOD	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
40	NYITCOM (All campuses)	Astrocytic Heparan Sulfate 6-O-Sulfation in Brain Function	Neuroscience, Neurology, and Cognitive Disorders	NIH	1
41	NYITCOM (All campuses)	Eco-developmental Interactions of Craniofacial and Brain Anatomy	Neuroscience, Neurology, and Cognitive Disorders	NSF	1
42	NYITCOM (All campuses)	Vascular calcification and atherosclerosis	Cardiovascular and Metabolic Disorders	NIH	1
43	NYITCOM (All campuses)	Deciphering the role of lysosomal membrane permeabilization in Diabetic Cardiac Injury	Nutrition, Obesity, Diabetes, and Metabolism	NIH	1
44	NYITCOM (All campuses)	Deciphering the Role of AMPK in Doxorubicin Cardiotoxicity	Cardiovascular and Metabolic Disorders	NIH	1
45	NYITCOM (All campuses)	Obesity-related hypertension: the contribution of PPAR gamma acetylation and asprosin	Nutrition, Obesity, Diabetes, and Metabolism	NIH	1
46	NYITCOM (All campuses)	Role of 5830432E09Rik long noncoding RNA in cardiac dysfunction	Cardiovascular and Metabolic Disorders	American Heart Association	4
47	NYITCOM (All campuses)	Fluid dynamics of concussion in mixed martial arts in a pilot randomized controlled trial of OMM	Neuroscience, Neurology, and Cognitive Disorders	AOA	4
48	NYITCOM (All campuses)	An Interdisciplinary approach to Food as Medicine and obesity medicine training in CME: A Culinary Medicine Hands-On Workshop: Integrating Nutrition Education Across the Medical Education Continuum	Nutrition, Obesity, Diabetes, and Metabolism	AACOM	4
49	NYITCOM (All campuses)	Anatomy and Physiology of Molecular Layer Heterotopia	Anatomy	NIH	1
50	OU-HCOM (All campuses)	Developing a Tailored Stigma Reduction Intervention to Increase Buprenorphine Prescribing among Rural Primary Care Providers in Ohio	Mental Health, Substance Use, and Behavioral Health	National Institutes of Health	1
51	OU-HCOM (All campuses)	Neural mechanisms of age-related weakness	Geriatric, Aging Medicine	National Institutes of Health	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
52	OU-HCOM (All campuses)	Attenuation of Hypertriglyceridemia by apolipoprotein A4 via low-density lipoprotein receptor-related protein 1	Cardiovascular and Metabolic Disorders	American Heart Association	4
53	OU-HCOM (All campuses)	Role of Keratin 18 for Stress-induced Adaptive Strength Gains	Basic Sciences and Genetics	National Institutes of Health	1
54	OU-HCOM (All campuses)	The role of G6PC2 in glucose homeostasis and diabetes in East Asians	Nutrition, Obesity, Diabetes, and Metabolism	National Medical Research Council (Singapore)	7
55	OU-HCOM (All campuses)	Effects of Type Two Diabetes Medications on Human and Mouse Ovarian Cancer Cells	Nutrition, Obesity, Diabetes, and Metabolism	Beta Beta Beta	4
56	OU-HCOM (All campuses)	Building Capacity for Stakeholder Engagement in CER for Depression in Mothers in Rural Communities	Mental Health, Substance Use, and Behavioral Health	Patient-Centered Outcomes Research Institute	4
57	OU-HCOM (All campuses)	The role of sex and stress hormones in the earliest stages of AD	Neuroscience, Neurology, and Cognitive Disorders	Alzheimers Association	4
58	OU-HCOM (All campuses)	Acquisition of equipment for research to improve treatment decisions for cancer therapy	Oncology and Cancer-related Research	Health Resources & Services Administration	1
59	OU-HCOM (All campuses)	Combining GHR antagonism with life extending compounds: a search for synergies	Basic Sciences and Genetics	National Institutes of Health	1
60	OU-HCOM (All campuses)	Developing helical peptide antagonists of the growth hormone receptor	Basic Sciences and Genetics	National Institutes of Health	1
61	OU-HCOM (All campuses)	The Evolution of Minds: 325 million years of intelligence studied with neuroscience, cognitive zoology and palaeontology	Neuroscience, Neurology, and Cognitive Disorders	Lund University	7
62	OU-HCOM (All campuses)	Collaborative Research: Curating, digitizing, and disseminating results from an unparallel ed collection of fossil vertebrates from the Late Cretaceous of Madagascar	Anthropology/Paleontology	National Science Foundation	1
63	OU-HCOM (All campuses)	Role of protein malonylation in osteoarthritis development during aging	Geriatric, Aging Medicine	Hevolutioin Foundation	7

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
64	OU-HCOM (All campuses)	Novel molecular determinants of insulin clearance	Nutrition, Obesity, Diabetes, and Metabolism	Western University of Health Sciences	6
65	OU-HCOM (All campuses)	Collaborative Research: Evolution of the hyoid, pharynx and swallowing biomechanics in mammals	Basic Sciences and Genetics	National Science Foundation	1
66	OU-HCOM (All campuses)	Identifying a novel player in skeletal muscle performance and metabolism	Pain, OMT, and Musculoskeletal Research	National Inst. of Diabetes/ Digestive/Kidney Dis.	1
67	OU-HCOM (All campuses)	A Pathway to Improved Reproductive, Maternal, Newborn, and Child Health	Women's and Maternal Health	Consortium of Universities for Global Health	4
68	PCOM (All campuses)	Generating preliminary data on infectious agents in brain and fluid specimens	Neuroscience, Neurology, and Cognitive Disorders	Gosnell Foundation	4
69	PCOM (All campuses)	Investigation of the pathobiome in Alzheimer's disease	Neuroscience, Neurology, and Cognitive Disorders	Sim Einstein Research Foundation, Inc.	4
70	PCOM (All campuses)	Consensus extraction protocol development for infection in Alzheimerâ€TMs disease	Neuroscience, Neurology, and Cognitive Disorders	Sim Einstein Research Foundation, Inc.	4
71	PCOM (All campuses)	Generation and characterization of a cre/ lox regulated transgenic zebrafish model of SBMA	Basic Sciences and Genetics	National Institutes of Health	1
72	PCOM (All campuses)	Mechanisms of growth plate patterning revealed by natural variation in mammalian ossification	Basic Sciences and Genetics	National Science Foundation	1
73	PCOM (All campuses)	Medical marijuana usage at nursing facilities in PA	Mental Health, Substance Use, and Behavioral Health	Organic Remedies, Inc.	5
74	PCOM (All campuses)	Determination of uptake of fluorescent 3DNA in vitro and in vivo	Basic Sciences and Genetics	Code BioTherapeutics Inc.	5
75	PCOM (All campuses)	Chronic for chronic pain? An investigation into medical marijuana efficacy when accounting for duration of chronic pain	Pain, OMT, and Musculoskeletal Research	Organic Remedies, Inc.	5
76	PCOM (All campuses)	Cognition and behavior in children and adolescents with autism spectrum disorder using medical marijuana	Mental Health, Substance Use, and Behavioral Health	Organic Remedies, Inc.	5

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77	PCOM (All campuses)	Quantitative molecular dynamics of extremeophile metalloproteins (subcontract)	Basic Sciences and Genetics	National Science Foundation	1
78	PCOM (All campuses)	Elements of surprise: Exploring predictive errors & treatment satisfaction across approved serious medical conditions for MMJ	Patient Satisfaction, Clinical	Organic Remedies, Inc.	5
79	PCOM (All campuses)	Enhancing office-based buprenorphine treatment: An adaptive psychosocial approach (subcontract)	Mental Health, Substance Use, and Behavioral Health	Pennsylvania Department of Health	2
80	PCOM (All campuses)	Identifying optimal psychosocial interventions for patients receiving office-based buprenorphine	Mental Health, Substance Use, and Behavioral Health	Patient-Centered Outcomes Research Institute	4
81	PCOM (All campuses)	Medical marijuana for anxiety: Effectiveness, expectations and entourage effects	Mental Health, Substance Use, and Behavioral Health	Organic Remedies, Inc.	5
82	PCOM (All campuses)	Expectations and experiences of US military veterans with PTSD using medical marijuana	Mental Health, Substance Use, and Behavioral Health	Organic Remedies, Inc.	5
83	PCOM (All campuses)	Support and Healing after Gun Violence	Public Health and Epidemiology	Pennsylvania Commission on Crime and Delinquency	2
84	PCOM (All campuses)	A National Survey of Attitudes, Beliefs and Knowledge about Medical Marijuana for Mental Health Conditions Among Physicians, Psychologists and The General Public	Mental Health, Substance Use, and Behavioral Health	Organic Remedies, Inc.	5
85	PCOM (All campuses)	Medical marijuana measurement group	Mental Health, Substance Use, and Behavioral Health	Organic Remedies, Inc.	5
86	PCOM (All campuses)	GA Gear - Geriatric Workforce Enhancement Program	Geriatric, Aging Medicine	Subaward from Emory University	1
87	PCOM (All campuses)	Community Health Education and Food	Social Determinants of Health; Rural Heatlh	American Association of Colleges of Ostepathic Medicine	4
88	PCOM (All campuses)	Minimizing myocardial damage	Cardiovascular and Metabolic Disorders	Subaward from Young Therapeutics/NIH	1

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89	TOURO-NY (All campuses)	Touro's Moving Food Forward	Nutrition, Obesity, Diabetes, and Metabolism	AACOM	4
90	TOURO-NY (All campuses)	Center for Integrated Biomedical and Rural Health Research	Social Determinants of Health; Rural Heatlh	National Institutes of Health (NIGMS)	1
91	TOURO-NY (All campuses)	Investigating neutrophilic inflammation as an APOE genotype-specific mediator of neuroinflammation and cognitive decline in aging	Geriatric, Aging Medicine	National Institutes of Health (NIA)	1
92	TOURO-NY (All campuses)	Investigating the role of long-term latent herpes simplex virus infection on APOE4-associated Alzheimer's disease pathogenesis	Geriatric, Aging Medicine	National Institutes of Health (NIA)	1
93	TOURO-NY (All campuses)	Prion protein genotyping surveillance and chronic wasting disease risk in Montana's elk and deer population	Basic Sciences and Genetics	Philanthropic donation	4
94	TOURO-NY (All campuses)	Comprehensive phenotyping profiling of chronic wasting disease to assess transmissibility and species barriers: Project goals include 1) Establish comprehensive phenotyping profiling of cervid PRNP polymorphisms in transgenic CWD mouse models; and 2) Examine CWD zoonosis in humanized gene-targeted mice via comprehsnive phenotypic profiling.	Basic Sciences and Genetics	National Institutes of Health (NIGMS)	1
95	TOURO-NY (All campuses)	How substrate dosage drives prion disease kinetics	Basic Sciences and Genetics	National Institutes of Health (NINDS)	1
96	TOURO-NY (All campuses)	Biomarkers of PRP mutation, misfolding and deficiency	Basic Sciences and Genetics	National Institutes of Health (NINDS)	1
97	TOURO-NY (All campuses)	A protein traffic control system that regulates left-right patterning and heart development	Cardiovascular and Metabolic Disorders	National Institutes of Health	1
98	TOURO-NY (All campuses)	Elucidating the temporal, spatial, and cellular effects of differential APOE isoform expression	Basic Sciences and Genetics	National Institutes of Health	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
99	TOURO-NY (All campuses)	PME-1: pathogenic role and therapeutic opportunity in neurodegenerative mixed proteinopathies	Basic Sciences and Genetics	National Institutes of Health	1
100	TOURO-NY (All campuses)	CIB- RHR Gene Editing and Mouse Models Assessment Core (GEMMA core)	Basic Sciences and Genetics	National Institutes of Health (NIGMS)	1
101	TOURO-NY (All campuses)	Modulation of Exosome Release for Functional Restoration in Age-related Retinal Disorders Age-related Macular Degeneration (AMD)	Geriatric, Aging Medicine	National Institutes of Health (NIGMS)	1
102	TOURO-NY (All campuses)	Investigation of Superoxide Dismutase 1 in Neurodegeneration: The hypothesis of his project is that SOD1 aggregates are correlated with SCNA aggregates in idiopathic PD brain and that they exacerbate disease progression in concert with misfolded SNCA. He presents two aims that are focused on analysis of SOD-1 and SNCA misfolding in human PD brain samples and to explore the interaction and disease progression in mouse models.	Neuroscience, Neurology, and Cognitive Disorders	National Institutes of Health (NIGMS)	1
103	UNECOM	RNA-Protein Interactions in Nociception	Basic Sciences and Genetics	NIH NINDS	1
104	UNECOM	Project Alliance -- Drug Free Communities Yrs 6-10	Mental Health, Substance Use, and Behavioral Health	CDC	1
105	UNECOM	Lead Poisoning Prevention Activities & Case Management Supports	Social Determinants of Health; Rural Heatlh	Maine DHHS	2
106	UNECOM	Biddeford Lead Hazard Reduction: Education & Outreach	Social Determinants of Health; Rural Heatlh	HUD / City of Biddeford	3
107	UNECOM	Adenylyl Cyclase Signaling in Persistent Pain	Pain, OMT, and Musculoskeletal Research	NIH NINDS	1
108	UNECOM	Mitochondrial Regulation of Nociceptor Function	Neuroscience, Neurology, and Cognitive Disorders	NIH NINDS	1
109	UNECOM	COBRE 2: UNE Center for Cell Signaling Research	Basic Sciences and Genetics	NIH NIGMS	1

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110	UNECOM	Novel expression of MHC class II on DRG neurons and its role in promoting antinociceptive CD4+ T cells in females during chemotherapy- induced peripheral neuropathy	Neuroscience, Neurology, and Cognitive Disorders	NIH NCI	1
111	UNECOM	The Role of Irisin in Initiating Resorption During the Skeletal Response to Exercise	Anatomy	NIH NIAMS	1
112	UNECOM	Kynurenine as a metabolic biomarker in TSC	Nutrition, Obesity, Diabetes, and Metabolism	Tuberous Sclerosis Alliance (TSA)	4
113	UNECOM	Spatial CRISPR: A novel approach to identify novel therapeutic targets for TFE3-RCC	Basic Sciences and Genetics	DOD CDMRP	1
114	UNECOM	COBRE 2 Research Project Leader Project 3	Basic Sciences and Genetics	NIH NIGMS	1
115	UNECOM	Central and Peripheral Mechanisms of Corneal Pain	Pain, OMT, and Musculoskeletal Research	NIH NEI	1
116	UNECOM	COBRE 1:Center for the Study of Pain and Sensory Function (Equipment Supplement)	Pain, OMT, and Musculoskeletal Research	NIH NIGMS	1
117	UNECOM	Kahn Family Foundation Student Research Fellowships	Education and Workforce Development	Kahn Family Foundation	4
118	UNECOM	COBRE 1: Interdisciplinary Center of Excellence for the Study of Pain and Sensory Function	Pain, OMT, and Musculoskeletal Research	NIH NIGMS	1
119	UNECOM	COBRE 1: Pilot Project Program	Basic Sciences and Genetics	NIH NIGMS	1
120	UNECOM	COBRE 1: Administrative Core	Basic Sciences and Genetics	NIH NIGMS	1
121	UNECOM	Developing the Workforce to Train Medical Professionals in Maine	Education and Workforce Development	ARP (SSFRF) / Maine DOE	2
122	UNECOM	Development of Hsp90 Isoform-Selective Inhibitors as a Novel Opioid Dose-Reduction Therapy	Mental Health, Substance Use, and Behavioral Health	NIH / Subaward	1
123	UNECOM	A novel cell-autonomous role for beta-adrenergic receptor signaling in osteoclasts	Anatomy	NIH / Subaward	1
124	UNECOM	The Maine Biomedical Research Network (INBRE)	Basic Sciences and Genetics	NIH / MDIBL	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
125	UNECOM	The Impact of Disrupting Sensory Innervation on Tibial Bone Mass	Anatomy	NIH NIGMS	1
126	UNECOM	COBRE 2 Research Project Leader Project 2	Basic Sciences and Genetics	NIH NIGMS	1
127	UNECOM	Role of Nociceptor Primary Cilia in Inflammatory and Neuropathic Pain	Pain, OMT, and Musculoskeletal Research	NIH NINDS	1
128	UNECOM	NBME OSCE Creative Community	Education and Workforce Development	National Board of Medical Examiners Assessment Alliance	4
129	UNECOM	Identification of gaps in care for patients with chronic pain through the establishment of a state-wide pain registry in Maine	Pain, OMT, and Musculoskeletal Research	NIH / MaineHealth	1
130	UNECOM	HIV Tat-associated sensory neuropathy and the contribution of toll-like receptor pathway	Neuroscience, Neurology, and Cognitive Disorders	NIH NINDS	1
131	UNECOM	COBRE 2: CORE: In Vitro Analytical Core	Basic Sciences and Genetics	NIH NIGMS	1
132	UNECOM	Chronic Stress Induces Neuroimmune Modulated Primary Muscle Afferent Sensitization	Basic Sciences and Genetics	NIH NINDS	1
133	UNECOM	COBRE 2 Research Project Leader Project 4	Basic Sciences and Genetics	NIH NIGMS	1
134	UNECOM	Mechanisms of pesticide-induced neuroinflammation and parkinsonism in aging mice	Neuroscience, Neurology, and Cognitive Disorders	NIH NIEHS	1
135	UNECOM	The role of the ventromedial nucleus of the hypothalamus in epileptogenesis	Neuroscience, Neurology, and Cognitive Disorders	NIH NINDS	1
136	UNECOM	CAREER: Integrin-Mediated Mechanotransduction of Articular Chondrocytes	Basic Sciences and Genetics	NSF	1
137	UNECOM	PFI-TT: Modular Joint-on-a-Chip for Early In Vitro Pre-clinical Pharmaceutical Research	Basic Sciences and Genetics	NSF	1
138	UNECOM	Integrating Food as Medicine in PreClinical Osteopathic Medical Education	Nutrition, Obesity, Diabetes, and Metabolism	AACOM	4

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139	UNECOM	Geriatrics Workforce Enhancement Program GWEP: AgingME2	Geriatric, Aging Medicine	HRSA	1
140	UNECOM	Validating a novel rat modValidation of a Translational Model of Chronic Discogenic Low Back Painel of back pain	Pain, OMT, and Musculoskeletal Research	NIH / Arizona State University	1
141	UNECOM	Mechanisms underlying sex differences in emergence of advanced osteoarthritis pain	Pain, OMT, and Musculoskeletal Research	NIH NIGMS	1
142	UNECOM	COBRE 1 Core: Behavior	Mental Health, Substance Use, and Behavioral Health	NIH NIGMS	1
143	WesternU-COMP (All campuses)	6 clinical Trials with diverse drug companies	Public Health and Epidemiology	Drug company funding	5
144	WesternU-COMP (All campuses)	Study of the evolution of tooth and body size in callitrichid primates	Anatomy	The American Association of Biological Anthropologists, the Cobb Professional Development Grant	4
145	WesternU-COMP (All campuses)	Novel Applications of Hyperbaric Oxygen Therapy (HBOT) for Grade II Muscle Injury. Summary: This study will assess the therapeutic effects of HBOT with and without platelet-rich plasma and/or osteopathic manipulation therapy on muscle injury recovery in the rat. Assessment modalities will include ultrasound, micro-CT imaging, histology and PCR	Pain, OMT, and Musculoskeletal Research	William E. and Thelma F. Housman Foundation for Medical Research	4
146	WesternU-COMP (All campuses)	Using lymphatic OMT techniques to augment the response to the mRNA COVID vaccination	Pain, OMT, and Musculoskeletal Research	American Osteopathic Association	4
147	WesternU-COMP (All campuses)	Research Education Program to Promote Diversity in Immunologic and Allergic Diseases	Education and Workforce Development	NIH/NIAID	1
148	WesternU-COMP (All campuses)	Diverse & Equitable Student Inclusion in Research for future Veterinarians (DESIRe-Vet)	Education and Workforce Development	NIAID	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
149	WesternU-COMP (All campuses)	Homeostatic and Hedonic Components Involved in ORL1 Regulation of Energy Homeostasis	Basic Sciences and Genetics	NIH/NIDA	1
150	WesternU-COMP (All campuses)	Middle Miocene environments from herbivore stable isotopes and assessing C4 biomass seasonal variability	Anthropology/Paleontology	The American Association of Biological Anthropologists Cobb Professional Development Grants	4
151	WesternU-COMP (All campuses)	Cooperative modulation of PIEZO1 channels	Basic Sciences and Genetics	NIH/ NHLBI	1
152	WesternU-COMP (All campuses)	How do parasites invade their vector hosts? A genetic association Study	Basic Sciences and Genetics	Western University of Health Sciences intramural research award	6
153	WesternU-COMP (All campuses)	Lipase Maturation Factor 1 in Hypertriglyceridemia	Cardiovascular and Metabolic Disorders	NIH/NHLBI	1
154	WesternU-COMP (All campuses)	Hepatic Insulin Clearance: A Novel Therapeutic Target in Type 2 Diabetes	Nutrition, Obesity, Diabetes, and Metabolism	DOD CDMRP	1
155	WesternU-COMP (All campuses)	Novel Molecular Determinants of Insulin Clearance	Nutrition, Obesity, Diabetes, and Metabolism	NIH/NIDDK	1
156	WesternU-COMP (All campuses)	The Role of Lipase Maturation Factor 2 in Hepatic Steatosis	Nutrition, Obesity, Diabetes, and Metabolism	Western University of Health Sciences intramural research award	6
157	WesternU-COMP (All campuses)	Harnessing Antifungal Cyclic Peptides to Combat Candida Auris Infections	Basic Sciences and Genetics	NIH/NIAID	1
158	WesternU-COMP (All campuses)	Serological assessment of the effect of osteopathic manipulative treatments in conjunction with COVID-19 Booster shots	Pain, OMT, and Musculoskeletal Research	American Osteopathic Association	4
159	WesternU-COMP (All campuses)	Lymphatic OMT protocol for healthy individuals: A crossover self-controlled clinical trial	Pain, OMT, and Musculoskeletal Research	American Osteopathic Association	4
160	WesternU-COMP (All campuses)	To test the efficacy and dosing of a biologic human growth factor concentrate (GFC-01) in promoting wound healing using a diabetic rat model	Nutrition, Obesity, Diabetes, and Metabolism	GMS Capitals LLC	5
161	WesternU-COMP (All campuses)	Glutathione depletion in the CNS and its effects on Mtb infection	Basic Sciences and Genetics	NIH/NHLBI	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
162	WesternU-COMP (All campuses)	Glutathione improves immune responses against M. avium infection	Basic Sciences and Genetics	Your Energy Systems	5
163	WesternU-COMP (All campuses)	Mechanistic Studies of cognitive impairment in Angelman syndrome	Basic Sciences and Genetics	NIH/NIMH	1
164	WesternU-COMP (All campuses)	Role of Ube3A-mediated p18 regulation in synaptogenesis and synaptic plasticity	Basic Sciences and Genetics	NIH/NNINDS	1
165	WesternU-COMP (All campuses)	Optimization of a selective calpain-2 inhibitor for prolonged field care in Traumatic Brain Injury	neuroscience, Neurology, and Cognitive Disorders	DOD: USA Med Research Mat CMD	1
166	WesternU-COMP (All campuses)	Testing the effects of a selective calpain-2 inhibitor on spontaneous recurrent seizures in mouse models of epilepsy	Neuroscience, Neurology, and Cognitive Disorders	NIH	1
NEW RESPONDENTS					
	COM	Research Project	Research Topic	Funding Organization	Type of Funding
167	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Assessment of inflammatory pathways involved in the brain-intestinal axis in western diet induced Alzheimer's pathology	Neuroscience, Neurology, and Cognitive Disorders	Arizona Alzheimer's Consortium	4
168	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Testing Adaptive Hypotheses of Plio-Pleistocene Hominin Craniofacial Evolution	Anthropology/Paleontology	National Science Foundation (Biological Anthropology)	1
169	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Oxidative Stress Causes Increased Amyloid Peptide Levels through Telomeric Protein, RAP1	Basic Sciences and Genetics	Arizona Alzheimer's Consortium	4
170	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Training in Genomics Research (TiGeR)	Basic Sciences and Genetics	Subaward from Arizona State University	1
171	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Studies on Kv6.1 silent subunit expression and function in hippocampal neurons during Alzheimer's disease	Neuroscience, Neurology, and Cognitive Disorders	Arizona Alzheimer's Consortium	4

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
172	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Elucidating a mechanistic link between progranulin & lysosomal function in Alzheimer Disease	Neuroscience, Neurology, and Cognitive Disorders	Arizona Alzheimer's Consortium	4
173	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Non-coding RNA regulation of the progranulin gene during the inflammatory response in Alzheimer Disease	Neuroscience, Neurology, and Cognitive Disorders	Arizona Alzheimer's Consortium (Pilot Project)	4
174	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Determination of polymicrobial burden in two postmortem brain regions in AD patients and controls with varying levels of AD-related pathology and cognitive status	Neuroscience, Neurology, and Cognitive Disorders	Arizona Alzheimer's Consortium	4
175	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Molecular Basis of the Selective Assembly of Functionally Distinct PRC1s	Basic Sciences and Genetics	National Institutes of Health R15 (National Cancer Institute)	1
176	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Investigating the Role of Stress Hormones on Astrocyte Neurogenics	Basic Sciences and Genetics	Arizona Alzheimer's Consortium	4
177	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Antigen and Adjuvant Selection for a Vaccine Against Urogenital Schistosomiasis, HematoShield	Basic Sciences and Genetics	Subaward from PAI Life Sciences, Inc. Originating Sponsor: National Institutes of Health R41 (National Institute of Allergy and Infectious Diseases)	5
178	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Collaborative Research: The Effects of Musculoskeletal Design on Bipedal Walking and Running Performance in Humans, Chimpanzees and Early Hominims	Anthropology/Paleontology	National Science Foundation (Biological Anthropology Program Senior Research Awards)	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
179	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Collaborative Research: Developing kinetic 3D computational models of bipedal walking	Anthropology/Paleontology	National Science Foundation (Biological Anthropology)	1
180	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Physiological and anatomical hallmarks associated with intermittent hypoxia and aging - insights into respiratory dysfunctions associated with Alzheimer's disease	Geriatric, Aging Medicine	Arizona Alzheimer's Consortium (Development Project)	4
181	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Effects of chronic intermittent hypoxia on cholinergic modulation at hypoglossal motoneurons	neuroscience, Neurology, and Cognitive Disorders	National Institutes of Health R15 (The National Heart, Lung, and Blood Institute)	1
182	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	The Influence of Vocal Loading Upon the Healing of Experimental Vocal Fold Injury	Basic Sciences and Genetics	National Institutes of Health R21 (National Institute on Deafness and Other Communication Disorders)	1
183	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	The Role of Vocal Ligament in Fundamental Frequency and Adduction Control	Basic Sciences and Genetics	Subaward from The University of Utah Originating Sponsor: National Institutes of Health R01 (National Institute on Deafness and Other Communication Disorders)	1
184	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	The periphery of Alzheimer's disease: cross-talks between degenerating brain and peripheral tissues	neuroscience, Neurology, and Cognitive Disorders	Arizona Alzheimer's Consortium	4
185	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Unlocking the Senescence-resistant Adaptations of Long-lived Giant Tortoises to Develop a Novel Model Organism for			

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
Aging Studies	Anthropology/ Paleontology	Impetus Grants	4		
186	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Molecular mechanisms of altering gamma secretase activity by modulatory proteins	Basic Sciences and Genetics	Arizona Alzheimer's Consortium	4
187	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Collaborative Research: After the Bridgerian Crash - An Integrated Analysis of Mammalian Paleocommunities and Paleoecologies During the MIddle Eocene	Anthropology/Paleontology	National Science Foundation (Sedimentary Geology and Paleobiology)	1
188	Arizona College of Osteopathic Medicine of Midwestern University (AZCOM)	Grasping our Evolutionary Origins: Unraveling the Anatomical and Molecular Adaptations of Primate Touch	Anthropology/Paleontology	National Science Foundation (Biological Anthropology)	1
189	Chicago College of Osteopathic Medicine (CCOM)	The Role of SWI/ SNF Chromatin Re-modelers in Homologous Recombination and Genome Stability	Basic Sciences and Genetics	NIH	1
190	Chicago College of Osteopathic Medicine (CCOM)	Probing Short and Long Term Consequences of Small and Large Bowel Microbiota Transplants on Host Physiology: Implications for the Development of Future Live Biotherapeutics	Basic Sciences and Genetics	NIH	1
191	Chicago College of Osteopathic Medicine (CCOM)	The role of the gut mycobiota in regulating lipid absorption and obesity	Nutrition, Obesity, Diabetes, and Metabolism	NIH	1
192	Chicago College of Osteopathic Medicine (CCOM)	MicroRNA as a Novel Therapeutic Target for Pain in Sickel Cell Disease	Pain, OMT, and Musculoskeletal Research	NIH	1
193	CHSU-COM	Air Sample Analysis of Coccidioides	Basic Sciences and Genetics	Valley Fever of the Americas Institute	4
194	CHSU-COM	Farmers to Doctors Research Fellowship	Education and Workforce Development	MiMentor	4
195	CHSU-COM	Exploring the Future of Health Information Literacy through Generative AI Integration: A Pilot Study	Communication/ Interprofessional	National Library of Medicine (NLM)	1

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196	CUSOM	North Carolina association of free and charitable clinics	Social Determinants of Health; Rural Heatlh	NC association of free and charitable clinics	4
197	CUSOM	Improving physiology instruction through simulation	Education and Workforce Development	IAMSE	4
198	CUSOM	The allometric scaling of sensorimotor control in human evolution	Anthropology/Paleontology	Leakey foundation	4
199	CUSOM	Integrating interfaith competency training at CU while building sustainable	Education and Workforce Development	Interfaith America	4
200	KCU-Kansas City and KCU-Joplin	Does the accumulation of disease-associated forms of TDP-43 in platelets parallel ALS pathophysiology in the nervous system?	neuroscience, Neurology, and Cognitive Disorders	Target ALS Foundation	4
201	KCU-Kansas City and KCU-Joplin	Advancing Cryogenic Preservation of Functional Platelets for Longevity Research: A Continuation of Ongoing Studies	Geriatric, Aging Medicine	Kansas City University (KCU) Intramural Grant	6
202	KCU-Kansas City and KCU-Joplin	Investigating the Roles of Pregnane X Receptor in Human Breast Cancers	Women's and Maternal Health	NIH R15 REAP Grant	1
203	KCU-Kansas City and KCU-Joplin	Determining the Prevalence of PXR Expression in Human Breast Tumors	Women's and Maternal Health	Kansas City University (KCU) Intramural Grant	6
204	KCU-Kansas City and KCU-Joplin	Endothelial Smad3 as a Novel Target to Avert Doxorubicin Cardiomyopathy	Cardiovascular and Metabolic Disorders	NIH R15 REAP Grant	1
205	KCU-Kansas City and KCU-Joplin	Single cell transcriptional signatures of breast cancer cells after completion of chemotherapy: The effects of the TGF-beta pathway inhibition	Oncology and Cancer-related Research	Kansas City University (KCU) Intramural Grant	6
206	KCU-Kansas City and KCU-Joplin	Targeting lipid metabolism to sensitize head and neck cancer for standard of care and enhance patient outcome	Oncology and Cancer-related Research	Kansas City University (KCU) Intramural Grant	6
207	KCU-Kansas City and KCU-Joplin	Transcriptomic Effects of Natural Compounds on LS-180 Colon Cancer Cells in an Inflammatory Microenvironment	Oncology and Cancer-related Research	Kansas City University (KCU) Intramural Grant	6

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208	KCU-Kansas City and KCU-Joplin	Residency Readiness Pilot Bootcamp	Education and Workforce Development	American Association of Colleges of Osteopathic Medicine (AACOM) grant	4
209	KCU-Kansas City and KCU-Joplin	Examining the impact of smell and taste receptor stimulation on cancer cell migration and invasion	Oncology and Cancer-related Research	Kansas City University (KCU) Intramural Grant	6
210	KCU-Kansas City and KCU-Joplin	An unbiased multidisciplinary approach to identify novel targets in major depressive disorder	Mental Health, Substance Use, and Behavioral Health	Kansas City University (KCU) Intramural Grant	6
211	KYCOM	The anatomical and functional study of the thymus - defining the milestones of the thymic aging in the elderly human population. 1R15AG078992-01A1	Anthropology/Paleontology	NIH	1
212	KYCOM	Crosstalk of estrogen receptors mediates estrogen-induced eNOS activation. 24AIREA1187201	Basic Sciences and Genetics	AHA	4
213	KYCOM	Embracing plant biotechnology in undergraduate biotechnology research at UPIKE	Basic Sciences and Genetics	KY IDeA Network of Biomedical Excellence (KY-INBRE)	1
214	KYCOM	Transcriptional responses of noncoding RNAs to fear in mice NIGMS P20GM103436	Basic Sciences and Genetics	KY-INBRE	1
					7
215	LMU DCOM- all campuses	Appalachian Regional Initiative for Stronger Economies (ARISE) Planning Grant	Social Determinants of Health; Rural Heatlh	ARC ARH ARISE Subaward	1
216	LMU DCOM- all campuses	3-D Printing and Medical Education	Education and Workforce Development	Scholar RX Brick Builder Grant-3D Printing Medical Education	6
217	LUCOM	Human Mast Cells as a Platform for New Cancer Therapies	Oncology and Cancer-related Research	NIH	1
218	MSUCOM	CAREER: Elucidating the Causal Link Associated with Energy Metabolism and Mitochondrial Ultrastructure	Basic Sciences and Genetics	National Science Foundation	1

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219	MSUCOM	Elucidating the myocardial energy demand-supply-production feedback system	Basic Sciences and Genetics	National Science Foundation	1
220	MSUCOM	Pyruvate Dehydrogenase Complex Activation as a Strategy to Ameliorate Metabolic Disease	Nutrition, Obesity, Diabetes, and Metabolism	University of Nebraska Kearney	6
221	MSUCOM	Supplement to CAREER: Elucidating the Causal Link Associated with Energy Metabolism and Mitochondrial Ultrastructure	Nutrition, Obesity, Diabetes, and Metabolism	National Science Foundation	1
222	MSUCOM	FY2023: Implementing adaptive responses and addressing critical uncertainties for Red Swamp Crayfish in Michigan	Natural Resources, Envoronmental, and Biodiversity	Michigan Dept of Natural Resources	2
223	MSUCOM	HWA Control: Evaluating Current Methods and a Potentially New Approach	Natural Resources, Envoronmental, and Biodiversity	Michigan Dept of Natural Resources	2
224	MSUCOM	Dimensional Complexity: a new marker for cognitive states and MCI/AD progression	neuroscience, Neurology, and Cognitive Disorders	University of Michigan	6
225	MSUCOM	Michigan Alzheimer's Disease Research Center	neuroscience, Neurology, and Cognitive Disorders	University of Michigan	6
226	MSUCOM	White Matter Microstructure and Cognitive Plasticity: New Markers of Resilience in ADRD	neuroscience, Neurology, and Cognitive Disorders	University of Michigan	6
227	MSUCOM	Acquisition of a Brightfield Imaging Capable Flow Cytometer to Facilitate Agricultural and Environmental Research	Natural Resources, Envoronmental, and Biodiversity	National Inst of Food & Agriculture	1
228	MSUCOM	Congolese mother and child mental health in response to early child development interventions	Pediatric Medicine	National Inst of Health	1
229	MSUCOM	Impact of household air pollution (HAP) in-utero through early childhood on child neurocognitive development from infancy to 8 years (HAPCOG Study)	Pediatric Medicine	University of Chicago	6

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230	MSUCOM	MISC-CBO: A cluster randomized control trial to improve the mental health of OVC in South Africa	Mental Health, Substance Use, and Behavioral Health	University of Houston	6
231	MSUCOM	NeuroEbola	neuroscience, Neurology, and Cognitive Disorders	Oregon Health & Science University	6
232	MSUCOM	PROTECTIVE ROLE OF NEUREGULIN-1 AGAINST CEREBRAL MALARIA_ INDUCED NEURONAL INJURY AND BEHAVIORAL SEQUELAE	neuroscience, Neurology, and Cognitive Disorders	Morehouse School of Medicine	6
233	MSUCOM	A Multicenter, Open-label, Long-term, Safety, Tolerability, and Efficacy Study of XEN1101 in Adults Diagnosed With Epilepsyneuroscience,	Neurology, and Cognitive Disorders	Xenon Pharmaceuticals Inc	5
234	MSUCOM	A Randomized, Double-blind, Placebo-Controlled, Multicenter Phase 3 Study to Evaluate the Safety, Tolerability, and Efficacy of XEN1101 as Adjunctive Therapy in Focal-Onset Seizures	neuroscience, Neurology, and Cognitive Disorders	Xenon Pharmaceuticals Inc	5
235	MSUCOM	Critical Role of the Gut Microbiota in Prunes' Prevention of Glucocorticoid Induced Osteoporosis (F30 Grant)	Pain, OMT, and Musculoskeletal Research	NIH - National Center for Complementary & Integrative Health	1
236	MSUCOM	Antigenic determinants of asthma-associated allergens for design of immunotherapy	Basic Sciences and Genetics	Indoor Biotechnologies, Inc	5
237	MSUCOM	Molecular Basis of Xenobiotic Metabolism and Resistance in Tetranychus urticae	Basic Sciences and Genetics	National Inst of Food & Agriculture	1
238	MSUCOM	Role of Ly6K in TGF-beta and immune escape pathways of triple negative breast cancer	Oncology and Cancer-related Research	Henry M Jackson Foundation For Advancement of Military Med	4
239	MSUCOM	Validation of novel LY6K targeting small molecule inhibitors and their structural analogues for treatment of triple negative breast cancer	Oncology and Cancer-related Research	Henry M Jackson Foundation For Advancement of Military Med	4
240	MSUCOM	Structural and Functional Plasticity Surrounding Implanted Neuroprostheses	neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1

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241	MSUCOM	Transcriptional mechanisms in mast cells underlying immune function and disease	Basic Sciences and Genetics	National Inst of Health	1
242	MSUCOM	Dynamic properties of neural circuits in the forebrain	neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1
243	MSUCOM	Motor feedback control of layer six circuits	Basic Sciences and Genetics	National Inst of Health	1
244	MSUCOM	Nonconventional role of ADCY in Gq-mediated neuronal signaling and neuroplasticity	neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1
245	MSUCOM	Global Research Endeavors to Advance Treatment/ Prevention of Neurological Disorders in Africa (GREAT Neurology in Africa)	neuroscience, Neurology, and Cognitive Disorders	University of Rochester	6
246	MSUCOM	Role of the gut metabolite lactate on Campylobacter jejuni pathogenicity	Basic Sciences and Genetics	NIH (NIAID)	1
247	MSUCOM	COVID-19 Genome Sequencing Response MSU-MI-SAPPHIRE (Year 3)	Basic Sciences and Genetics	Michigan Dept of Health & Human Services	2
248	MSUCOM	Fitness of gram-negative pathogens during bacteremia	Basic Sciences and Genetics	University of Michigan	6
249	MSUCOM	MSU-MI-SAPPHIRE Genomic Surveillance Proposal (Year 2)	Basic Sciences and Genetics	Michigan Dept of Health & Human Services	2
250	MSUCOM	Central noradrenergic mechanisms of cerebrovascular pathology in Alzheimer's disease	neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1
251	MSUCOM	Integrative Pharmacological Sciences Training Program (IPSTP)	Education and Workforce Development	National Inst of General Medical Sciences	1
252	MSUCOM	Novel proteolytic mechanisms driving pathologic hepatic congestion in drug-induced hepatotoxicity	Basic Sciences and Genetics	National Inst of Health	1
253	MSUCOM	Summer Undergraduate Research Fellowship	Education and Workforce Development	American Society for Pharmacology & Experimental Therapeutics	4
254	MSUCOM	Design and syntheses of potent antagonists of 3kPZS through medicinal chemistry optimization	Basic Sciences and Genetics	Great Lakes Fishery Commission	1

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255	MSUCOM	Novel RXR agonist for neurofibromatosis	Basic Sciences and Genetics	Health Resources in Action	4
256	MSUCOM	Essential Fatty Acid Deficiency as a modifiable determinant of cognitive dysfunction among 6-18-year-old Ugandan children of varying perinatal HIV status	Public Health and Epidemiology	National Inst of Health	1
257	MSUCOM	Folate deficiency, peripartum antiretroviral drug exposure and neurodevelopmental outcomes at 6 - 18 years old in HIV affected and control children	Pediatric Medicine	National Inst of Neurological Disorders & Strokes	1
258	MSUCOM	Gut permeability and variations in bio-available vitamin D as mechanisms of adverse cognitive development in HIV-affected & controls children - A	Pediatric Medicine	National Inst of Health	1
259	MSUCOM	Identifying adolescents at high risk of neurocognitive disorder: Development and validation of a composite risk index	Mental Health, Substance Use, and Behavioral Health	National Inst of Health	1
260	MSUCOM	Increasing Minority Physician and APRN Clinician-scientist Research Training To Equalize Addiction Medicine (IMPACT TEAM)	Mental Health, Substance Use, and Behavioral Health	National Inst of Health	1
261	MSUCOM	Minding A Mid-America Gap: NIDA/NIAAA Epidemiology Research Training for Clinical Researchers and Clinicians in Currently Under-Served Areas	Public Health and Epidemiology	National Inst of Health	1
262	MSUCOM	Vitamin D and Gut Microbiota and Dementia Risk in Older Adults with Chronic HIV infection and Demographically Matched Community Controls	Neuroscience, Neurology, and Cognitive Disorders	National Inst on Aging	1

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263	MSUCOM	Gut permeability and variations in bio-available vitamin D as mechanisms of adverse cognitive development in HIV-affected & controls children - A nested Pilot Study	Pediatric Medicine	National Inst of Health	1
264	MSUCOM	Building Resources to Assess Impaired Neurocognition in Children with HIV in Low- and Middle-Income Countries (BRAIN Child in LMICs)	Pediatric Medicine	Columbia Univ	6
265	MSUCOM	Culture-specific neurodevelopmental assessment of HIV-affected children: Home-Based Evaluation through Cloud-Readiness Enhancement	Neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1
266	MSUCOM	Pilot study of gut microbiome composition and outcomes to interpersonal psychotherapy treatment for depression among adults in Uganda	Mental Health, Substance Use, and Behavioral Health	Teachers College Columbia Univ	6
267	MSUCOM	Disrupting the vicious cycle: Effects of Montmorency tart cherry supplementation on sleep and inflammation among individuals with overweight and obesity	Nutrition, Obesity, Diabetes, and Metabolism	Cherry Marketing Inst	5
268	MSUCOM	Towards scalable production of palatable and nutritious cultured meat using edible, tunable scaffolds	Nutrition, Obesity, Diabetes, and Metabolism	University of California Los Angeles	6
269	MSUCOM	Trpa1 in cognition and brain connectivity	Neuroscience, Neurology, and Cognitive Disorders	Amer Heart Assoc	4
270	MSUCOM	Perivascular Adipose Tissue (PVAT) as a Central Integrator of Vascular Health	Cardiovascular and Metabolic Disorders	National Inst of Health	1
271	MSUCOM	Gestational Hyperandrogenism in Cardiovascular Programming	Cardiovascular and Metabolic Disorders	Washington Univ in St Louis	6
272	MSUCOM	Environmental, Microbial and Mammalian Biomolecular Responses to AhR Ligands	Basic Sciences and Genetics	National Inst of Health	1

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273	MSUCOM	58-WEEK OPEN-LABEL TRIAL OF TAVAPADON IN PARKINSON'S DISEASE (TEMPO-4 TRIAL)	Neuroscience, Neurology, and Cognitive Disorders	Cerevel Therapeutics LLC	5
274	MSUCOM	A 6-month prospective, randomized, double-blind, placebo-controlled clinical trial investigating the efficacy, safety, and tolerability of two different doses of buntanetap or placebo	Neuroscience, Neurology, and Cognitive Disorders	Annovis Bio Inc	5
275	MSUCOM	A multicenter phase 2, double-blind, placebocontrolled, randomized, parallel-group study to evaluate the efficacy, safety, tolerability, and pharmacokinetics of UCB0022 in study	Neuroscience, Neurology, and Cognitive Disorders	UCB Biopharma SRL	5
276	MSUCOM	A Phase 2, Randomized, Double-Blind, Multicenter, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Intramuscular ABP-450 (prabotulinumtoxinA) Injection for the Treatment of Cervical	Women's and Maternal Health	AEON Biopharma, Inc.	5
277	MSUCOM	A PHASE 3, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, PARALLEL-GROUP, 27-WEEK TRIAL TO EVALUATE THE EFFICACY, SAFETY, AND TOLERABILITY OF TWO FIXED DOSES OF TAVAPADON IN EARLY PARKINSON'S DISEASE	Neuroscience, Neurology, and Cognitive Disorders	Cerevel Therapeutics LLC	5
278	MSUCOM	A Randomized, Double-Blind, Placebo-Controlled Trial of IkT-148009 in Untreated Parkinson's Disease	Neuroscience, Neurology, and Cognitive Disorders	Inhibikase Therapeutics	5
279	MSUCOM	A Randomized, Double-blind, placebo-controlled, two-part study in parkinson's disease patients with dyskinesia to assess the efficacy and safety/tolerability of fixed dose combinations of JM-010 and	Neuroscience, Neurology, and Cognitive Disorders	Bukwang Pharmaceutical Co LTD	5

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280	MSUCOM	Addex Pharma S.A. / "Phase 2b/3, Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Evaluate the Safety and Efficacy of Dipraglurant (ADX48621) for the Treatment	Neuroscience, Neurology, and Cognitive Disorders	Addex Pharma SA	5
281	MSUCOM	An Open-label Safety Study of Dipraglurant (ADX48621) in Patients with Parkinson's Disease Receiving Levodopa-based Therapy With or Without Concomitant Dopaminergic Medications	Neuroscience, Neurology, and Cognitive Disorders	Addex Pharma SA	5
282	MSUCOM	An Open-Label, Multicenter Study to Evaluate the Safety and Efficacy of Repeat Intramuscular ABP-450 (prabotulinumtoxinA) Injection for the Treatment of Cervical Dystonia	Women's and Maternal Health	AEON Biopharma, Inc.	5
283	MSUCOM	ASK-PD5-CS201	Basic Sciences and Genetics	Asklepios BioPharmaceutical	5
284	MSUCOM	CurePSP Center of Care	Neuroscience, Neurology, and Cognitive Disorders	CurePSP	4
285	MSUCOM	SAGE-324-ETD-202	Neuroscience, Neurology, and Cognitive Disorders	Sage Therapeutics Inc	5
286	MSUCOM	Study of the Oral Treatment MTR-601 in Cervical Dystonia	Women's and Maternal Health	Motric Bio Inc	5
287	MSUCOM	TOPAZ: Trial of Parkinson's and Zoledronic Acid. A Randomized Placebo-controlled Trial of Zoledronic Acid for Prevention of Fractures in Patients with Parkinson's Disease	neuroscience, Neurology, and Cognitive Disorders	Parkinsons Foundation	4
288	MSUCOM	Response of HIV Patients to the COVID-19 vaccine and Natural COVID-19 Infection	Public Health and Epidemiology	Infectious Diseases Society of America	4
289	MSUCOM	Treating Chronic Cervicogenic Head And Neck Pain With Osteopathic Manipulation And Exercise Therapy	Nutrition, Obesity, Diabetes, and Metabolism	Amer Osteopathic Assoc	4

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290	MSUCOM	Environmental Justice and Public Health: Climate, Land, & (Health) Outcome of Dengue Fever (CLOUD)	Social Determinants of Health; Rural Heatlh	Tufts Univ	6
291	MSUCOM	Mekong One Health Innovation Program (MOHIP)	Public Health and Epidemiology	US Dept of State	1
292	MSUCOM	Imaging cerebral waste clearance responses during exosome treatment of diabetes	Nutrition, Obesity, Diabetes, and Metabolism	National Inst Diabetes & Digestive & Kidney Diseases	1
293	MSUCOM	Research Supplements to Promote Diversity in Health-Related Research: NIH - R01 Diversity Supplement (GM134307)	Social Determinants of Health; Rural Heatlh	National Inst of Health	1
294	MSUCOM	Cannabis use frequency and its impact on monocyte-mediated inflammation in HIV patients	Infectious Diseases and Immunology	National Inst of Health	1
295	MSUCOM	A Multicenter Phase 2b Randomized, Double-Masked, Placebo-Controlled Dose-Ranging Study of TOUR006 in Participants with Thyroid Eye Disease	Autoimmune Disease	Tourmaline Bio Inc	5
296	MSUCOM	a multiple ascending dose (MAD) safety, tolerability & efficacy study of VRDN-001, a humanized monoclonal antibody directed against the IGF-1 receptor, in subjects with thyroid eye disease (TED)	Autoimmune Disease	Viridian Inc	5
297	MSUCOM	A randomized, double-masked, placebo-controlled safety, tolerability, and efficacy study of VRDN-001, a humanized monoclonal antibody directed against the IGF-1 receptor, in participants with chroni	Autoimmune Disease	Viridian Inc	5
298	MSUCOM	An open-label study for participants who are non-responders at the end of treatment assessment on the VRDN-001-101 and VRDN-001-301 pivotal studies	Autoimmune Disease	Viridian Inc	5

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299	MSUCOM	Interventional, randomized, double-blind, parallel-group, placebo-controlled study to evaluate the efficacy and safety of IV eptinezumab in adolescents (12-17 years) for preventive treatment of children	Pediatric Medicine	Lundbeck NA Ltd	5
300	MSUCOM	Long-term, open-label (dose-blinded), extension study of eptinezumab in children and adolescents with chronic or episodic migraine	Pediatric Medicine	Lundbeck NA Ltd	5
301	MSUCOM	Neurology Telemedicine Project	Neuroscience, Neurology, and Cognitive Disorders	Michigan Dept of Health & Human Services	2
302	MSUCOM	Neurology Telemedicine Project NEUTEL-MS	Neuroscience, Neurology, and Cognitive Disorders	Michigan Dept of Health & Human Services	2
303	MSUCOM	Protocol H8H-MC-LAHV(a) Pediatric Options for Migraine Relief: A Randomized, Double-Blind, Placebo-Controlled Study of Lasmiditan for Acute Treatment of Migraine: PIONEER-PEDS1	Pediatric Medicine	Eli Lilly & Co	5
304	MSUCOM	Protocol H8H-MC-LAHW A Phase 3, 12-Month, Open-Label Study of Lasmiditan in Pediatric Patients with Migraine - PIONEER-PEDS2	Pediatric Medicine	Eli Lilly & Co	5
305	MSUCOM	SOUL MUSIC	Mental Health, Substance Use, and Behavioral Health	University of Michigan	6
306	MSUCOM	Mechanistic role of obesity in benzo(a)pyrene-initiated cancer	Nutrition, Obesity, Diabetes, and Metabolism	National Inst of Health	1
307	MSUCOM	Engineered nano-formulations for STING activation	Basic Sciences and Genetics	University of Michigan	6
308	MSUCOM	Optimizing inhaled delivery of antimycobacterial MmpL3 inhibitors	Basic Sciences and Genetics	Tarn Biosciences	5
309	MSUCOM	A novel non-transgenic fly model for tauopathies	Neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1
310	MSUCOM	Countering tauopathy with heparan sulfate derivatives	Neuroscience, Neurology, and Cognitive Disorders	Wayne State Univ	6

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311	MSUCOM	Hyperphosphorylated tau aggregation and cytotoxicity test kits to identify tauopathy therapeutics and risk factors	Neuroscience, Neurology, and Cognitive Disorders	Cayman Chemical Co Inc	5
312	MSUCOM	Hyperphosphorylated tau and the molecular mechanisms of tauopathy	Neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1
313	MSUCOM	Treating neurotoxicity and cognitive deficits due to hyperphosphorylated Tau	Neuroscience, Neurology, and Cognitive Disorders	University of Virginia	6
314	MSUCOM	Cerebral hypoperfusion induces insulin resistance and exacerbates Alzheimer's Disease	Neuroscience, Neurology, and Cognitive Disorders	Alzheimers Assoc	4
315	MSUCOM	Development of soluble epoxide hydrolase inhibitors for the treatment of Alzheimer's disease	Neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1
316	MSUCOM	Ferroptosis and Polyunsaturated Fatty Acid Metabolism	Basic Sciences and Genetics	National Inst of General Medical Sciences	1
317	MSUCOM	Oxylipins, aging and Alzheimer's disease	Neuroscience, Neurology, and Cognitive Disorders	National Inst on Aging	1
318	MSUCOM	Role of alveolar macrophage in omega-3 fatty acid amelioration of silica-triggered autoimmunity.	Infectious Diseases and Immunology	National Inst of Health	1
319	MSUCOM	Section 97f - Cross-system Intervention	Pediatric Medicine	Michigan Dept of Education	2
320	MSUCOM	Discovering miR6891-5p: guardian of XX allelic balance and barrier to Sjgren's syndrome pathogenesis	Basic Sciences and Genetics	National Inst of Health	1
321	MSUCOM	The Role of VGLL3 in Sexually Dimorphic Interferon-Driven Inflammation	Basic Sciences and Genetics	National Inst of Health	1
322	MSUCOM	Understanding the immunometabolic mechanism of VGLL3 mediating female-biased autoimmunity	Infectious Diseases and Immunology	National Inst of Health	1
323	MSUCOM	Purification of recombinant pirin	Basic Sciences and Genetics	FibrosIX LLC	5

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324	MSUCOM	DCW Training Pilot Project	Education and Workforce Development	Michigan Dept of Health & Human Services	2
325	MSUCOM	Direct Care Worker Recruitment, Retention and Training - 2025	Education and Workforce Development	Michigan Dept of Health & Human Services	2
326	MSUCOM	Direct Care Worker Training	Education and Workforce Development	Michigan Dept of Health & Human Services	2
327	MSUCOM	Developing extracellular vesicle-mediated targeted microRNA delivery system for EGFR cancers	Oncology and Cancer-related Research	National Cancer Inst	1
328	MSUCOM	A novel agent for preventing progression of muscle pathologies in muscular dystrophies	Basic Sciences and Genetics	Advertent Biotherapeutics	5
329	MSUCOM	Context-specific angiogenic signaling in the pulmonary vasculature	Basic Sciences and Genetics	Massachusetts General Hospital	6
330	MSUCOM	TGF- signaling and regulation: Elucidating molecular mechanisms and pathogenic functions of the 'co-receptor' Cripto-1 and the receptor BMPRII	Basic Sciences and Genetics	National Inst of Health	1
331	MSUCOM	Critical Role of the Gut Microbiota in Prunes' Prevention of Glucocorticoid Induced Osteoporosis	Pain, OMT, and Musculoskeletal Research	National Inst of Health	1
332	MSUCOM	Establishing the Role of Dried Plums in the Prevention of Glucocorticoid Induced Osteoporosis in Mice	Pain, OMT, and Musculoskeletal Research	State of California	2
333	MSUCOM	Chrono-exercise is Medicine: Improving Blood Pressure and Vascular Function through Chronotherapy	Cardiovascular and Metabolic Disorders	National Inst of Health	1
334	MSUCOM	Chemoprevention of experimental estrogen receptor-negative breast cancer	Oncology and Cancer-related Research	Breast Cancer Research Foundation	4
335	MSUCOM	Circuit-specific androgen receptor regulation of hippocampal neuronal excitability	Neuroscience, Neurology, and Cognitive Disorders	National Inst of Health	1

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336	MSUCOM	Development of cellular HTS for 20S proteasome enhancers	Basic Sciences and Genetics	National Inst of Neurological Disorders & Strokes	1
337	MSUCOM	Mechanism of action of inhibitors of MRTF/SRF-regulated gene transcription	Basic Sciences and Genetics	National Inst of Health	1
338	MSUCOM	Mitigation of Radiation Fibrosis by CCG 257081	Oncology and Cancer-related Research	Henry Ford Health System Michigan State University Health Sciences	6
339	MSUCOM	Optimization of a direct Serum Response Factor inhibitor peptide and application in Heart Disease	Cardiovascular and Metabolic Disorders	Amer Heart Assoc	4
340	MSUCOM	Understanding the functional role of fibroid subtype mutations for drug discovery	Basic Sciences and Genetics	National Inst of Health	1
341	MSUCOM	virtual compound screening using gene expression	Basic Sciences and Genetics	National Inst of Health	1
342	MSUCOM	Feasibility of Implementing Manual Medicine in the Multimodal Management of Veterans and Service Members with Chronic Low Back Pain	Pain, OMT, and Musculoskeletal Research	US Dept of the Army	1
343	MSUCOM	Validity of the osteopathic diagnosis and treatment of somatic dysfunction related to the sacroiliac joint asymmetry	Pain, OMT, and Musculoskeletal Research	American Osteopathic Association	4
344	MSUCOM	Elucidating the molecular differences in prostate cancer between men of diverse ancestry	Oncology and Cancer-related Research	Prostrate Action, Inc.	5
345	MSUCOM	Molecular profiling of indigenous African CRC samples compared with US self-identified Black/African Ancestry (AA) and White/European Ancestry (EA) CRC samples	Basic Sciences and Genetics	Henry Ford Health System Michigan State University Health Sciences	6
346	MSUCOM	The Role of the Mutant p53-PARP-MCM Pathway in Triple Negative Breast Cancer	Oncology and Cancer-related Research	City Univ of New York	6

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347	MSUCOM	Fungal spore sensing by MDA5 is necessary for antifungal immunity against Aspergillus fumigatus	Infectious Diseases and Immunology	Dartmouth College	6
348	MSUCOM	Genetic Mechanisms of Tissue-Resident Macrophage Maintenance and Function	Basic Sciences and Genetics	National Inst of Health	1
349	MSUCOM	Genetic Mechanisms of Tissue-Resident Macrophage Maintenance and Function (Supplement)	Basic Sciences and Genetics	National Inst of Health	1
350	MSUCOM	Non-tuberculous Mycobacteria as triggers of Systemic Lupus Erythematosus	Basic Sciences and Genetics	National Inst of Allergy & Infectious Diseases	1
351	MSUCOM	Preclinical Efficacy of Omega-3 Fatty Acids for Maintaining Remission of Lupus Nephritis After Intensive Immunosuppressive Therapy	Infectious Diseases and Immunology	US Dept of Defense	1
352	MSUCOM	Prioritization and Bioactivity Characterization of Novel Bile Acids Produced by the Microbiome	Basic Sciences and Genetics	National Inst Diabetes & Digestive & Kidney Diseases	1
353	MSUCOM	Regulators of IFN-gamma responses during Mycobacterium tuberculosis infection	Basic Sciences and Genetics	National Inst of Health	1
354	MSUCOM	Role of alveolar macrophage in omega-3 fatty acid amelioration of silica-triggered autoimmunity	Infectious Diseases and Immunology	National Inst of Health	1
355	MSUCOM	A multi-modal wireless oscillator array for high-resolution mapping of neurovascular coupling	Basic Sciences and Genetics	National Inst of Health	1
356	MSUCOM	CAREER: Developing a compact wireless multi-modal detector array for remote sensing and imaging	Basic Sciences and Genetics	National Science Foundation	1
357	MSUCOM	Targeting cardiac fibrosis in aging: role of TRPA1	Cardiovascular and Metabolic Disorders	Amer Heart Assoc	4

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358	MSUCOM	School-Based Substance Misuse Awareness and Prevention Approach - Blue Cross Blue Shield Foundation Research Grant	Mental Health, Substance Use, and Behavioral Health	Blue Cross Blue Shield of Michigan Foundation	4
359	MSUCOM	Macomb County Street Medicine	Mental Health, Substance Use, and Behavioral Health	Blue Cross & Blue Shield of Michigan	4
360	MSUCOM	Macomb County Street Medicine & Spartan Street Medicine - Michigan State University - College of Osteopathic Medicine	Mental Health, Substance Use, and Behavioral Health	Blue Cross & Blue Shield of Michigan	4
361	MSUCOM	MI-CARES (SOR3)	Mental Health, Substance Use, and Behavioral Health	Michigan Dept of Health & Human Services	2
362	MSUCOM	School Based Substance Misuse Awareness and Prevention Approach	Mental Health, Substance Use, and Behavioral Health	Blue Cross Blue Shield of Michigan Foundation	4
363	MSUCOM	Nanoparticle antagonism of tumor-associated immunosuppression to improve breast cancer therapy	Oncology and Cancer-related Research	Amer Cancer Society Inc	4
364	MSUCOM	Establishing a Baseline for Multilingual Capabilities of Medical Residents	Education and Workforce Development	Blue Cross Blue Shield of Michigan Foundation	4
365	MSUCOM	A Phase 2 Trial to Investigate the Efficacy, Safety, and Tolerability ofEfgartigimod PH20 SC in Adult Patients with Chronic Inflammatory Demyelinating Polyneuropathy (CIDP) (ADHERE)	Infectious Diseases and Immunology	argenx BVBA	5
366	MSUCOM	A PHASE 2, RANDOMIZED, BLINDED, PLACEBOCONTROLLED, STUDY TO EVALUATE SAFETY, TOLERABILITY, PHARMACOMETRICS, AND EFFICACY OF DNTH103 IN ADULTS WITH GENERALIZED MYASTHENIA GRAVIS (MAGIC)	Pain, OMT, and Musculoskeletal Research	Dianthus Therapeutics, Inc.	5
367	MSUCOM	A Phase 2, Randomized, Placebo-Controlled Study to Evaluate Safety, Tolerability, and Efficacy of TAK-079 in Patients With Generalized Myasthenia Gravis	Pain, OMT, and Musculoskeletal Research	Takeda Pharmaceutical Co Ltd	5

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368	MSUCOM	A Phase 2/3, Randomized, Double-Blinded, Placebo-Controlled, Parallel-Group, 2-Arm, Multicenter, Operationally Seamless Study to Evaluate the Efficacy, Safety, Tolerability, Pharmacodynamics, Pharma	Infectious Diseases and Immunology	argenx BVBA	5
369	MSUCOM	A Phase 3, Multicenter, Open-Label Extension Study of Zilucoplan in Subjects with Generalized Myasthenia Gravis	Pain, OMT, and Musculoskeletal Research	RA Pharmaceuticals Inc	5
370	MSUCOM	A Phase 3, Multi-center, Randomized, Quadruple-blind, Placebo-controlled Study to Assess the Efficacy and Safety of Batoclimab as Induction and Maintenance Therapy in Adult Participants with	Infectious Diseases and Immunology	Immunovant Sciences GmbH	5
371	MSUCOM	A Phase 3, Randomized, Double-blind, Placebo-controlled, Parallel, Multicenter Study to Evaluate the Safety and Efficacy of ALXN1720 in Adults with Generalized Myasthenia Gravis	Pain, OMT, and Musculoskeletal Research	Alexion Pharmaceuticals Inc	5
372	MSUCOM	Eisai BAN2401-G000-201 Open Label Extension	Neuroscience, Neurology, and Cognitive Disorders	Eisai Inc	5
373	MSUCOM	Long-Term, Observational, Registry of Patients With Generalized Myasthenia Gravis Who Have Received Treatment With Complement C5 Inhibition Therapies	Infectious Diseases and Immunology	Alexion Pharmaceuticals Inc	5
374	MSUCOM	MSU Department of Neurology MDA Care Center	Neuroscience, Neurology, and Cognitive Disorders	Muscular Dystrophy Assoc Inc	4
375	MSUCOM	Open-label Extension of the ARGX-113-1802 Trial to Investigate the Long-term Safety, Tolerability, and Efficacy of Efgartigimod PH20 SC in Patients with Chronic Inflammatory Demyelinating Polyneurop	Infectious Diseases and Immunology	argenx BVBA	5

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376	MSUCOM	Visualizing Brain Proteinopathies Using [F-18] Flornaptitril-PET in the Prediction of Clinical Progression of Mild Cognitive Impairment with Either Suspected Chronic Traumatic Encephalopathy or Alzh	Neuroscience, Neurology, and Cognitive Disorders	CereMark Pharma LLC	5
377	MSUCOM	The Epidemiology of Concussions in Ivy League and Big Ten Sports	Neuroscience, Neurology, and Cognitive Disorders	Princeton Univ	6
378	MSUCOM	Additional service of Physician Reviewer for the State of Michigan Department of Health and Human Services effective 10/1/20	Education and Workforce Development	Michigan Dept of Health & Human Services	2
379	MSUCOM	Michigan State University College of Osteopathic Medicine Medical Scientist Training Program (MSTP)	Education and Workforce Development	National Institute of Health	1
380	MSUCOM	Accelerating malaria prevention through enhanced analysis of transmission and RTS,S vaccination in Malawi	Public Health and Epidemiology	Kamuzu University of Health Sciences	7
381	MSUCOM	Advancing breath biomarkers for detection of Plasmodium falciparum infection	Basic Sciences and Genetics	Children's Hospital of Philadelphia	6
382	MSUCOM	COVID - Transmission and Morbidity in Malawi (COVID-TMM)	Public Health and Epidemiology	Boston University Medical Campus	6
383	MSUCOM	Defining the Mechanism of Coma in Cerebral Malaria	Basic Sciences and Genetics	Albert Einstein College of Medicine Inc	5
384	MSUCOM	Determinants of poor responsiveness to the booster dose of the RTS,S malaria vaccine in African children	Social Determinants of Health; Rural Heatlh	Boston University Medical Campus	6
385	MSUCOM	Identifying functional antibody responses that protect against malaria in children	Pediatric Medicine	National Inst of Health	1
386	MSUCOM	Role of the Gut Microbiota in Shaping Severity of Malaria	Basic Sciences and Genetics	Indiana University Purdue University Indianapolis	6

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387	MSUCOM	Tuberculosis in Malawian children under five years old: exploring non-invasive diagnostic strategies and the impact of malnutrition on treatment pharmacokinetics	Pediatric Medicine	Fogarty Int'l Center	1
388	MSUCOM	Utilizing gametocyte immunity to reduce malaria transmission	Public Health and Epidemiology	University of Glasgow	7
389	MSUCOM	Evaluation of Sorghum Bioactive Compounds as Anti-bacterial Agents in Legionella and Listeria Infections	Infectious Diseases and Immunology	Agricultural Research Service	1
390	MSUCOM	CRISPRa induced expression of native MRI reporter proteins	Basic Sciences and Genetics	National Inst of Health	1
391	MSUCOM	First steps towards a facile, large animal model of human ovarian cancer for testing novel intraperitoneal targeted therapies	Oncology and Cancer-related Research	Henry Ford Health System Michigan State University Health Sciences	6
392	MSUCOM	Image-Guided Intraductal Ablative Procedure for Primary Prevention of Breast Cancer	Oncology and Cancer-related Research	National Inst of Health	1
393	MSUCOM	Oxylipin Signaling in Congenital Heart Disease	Cardiovascular and Metabolic Disorders	National Inst of Health	1
394	MSUCOM	Whole brain, PET-based molecular neuroimaging of fos expression – a new tool for imaging neurocircuitry involved in complex behavior	Neuroscience, Neurology, and Cognitive Disorders	National Inst of Neurological Disorders & Strokes	1
395	MSUCOM	Adaptive Symptom Self-Management to Reduce Psychological Distress and Improve Symptom Management for Survivors on Immune Checkpoint Inhibitors	Mental Health, Substance Use, and Behavioral Health	University of Arizona	6
396	MSUCOM	IPT for major depression following perinatal loss	Mental Health, Substance Use, and Behavioral Health	National Inst of Child Health & Human Development	1
397	MSUCOM	Managing symptoms and psychological distress during oral anti-cancer treatment	Mental Health, Substance Use, and Behavioral Health	National Cancer Inst	1

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398	MSUCOM	Maternal Health Multilevel Intervention/s for Racial Equity (MIRACLE) Center	Women's and Maternal Health	National Inst of Health	1
399	MSUCOM	The ROSE Scale-Up Study: Informing a decision about ROSE as universal postpartum depression prevention	Women's and Maternal Health	National Inst of Mental Health	1
400	MSUCOM	Vida Plena: Lifestyle intervention for Hispanic female cancer survivors and caregivers	Oncology and Cancer-related Research	University of Arizona	6
401	MSUCOM	Tracheostomy and Laryngectomy Care: Virtual Reality Training for Health Professionals	Education and Workforce Development	National Inst of Health	1
402	MSUCOM	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	Public Health and Epidemiology	National Inst of Health	1
403	MSUCOM	Treating Brain Swelling In Pediatric Cerebral Malaria	Pediatric Medicine	National Inst of Health	1
404	MSUCOM	Mast Cell Activation as a Common Mechanism of Pulmonary Toxicity by Chemical Threat Agents	Infectious Diseases and Immunology	University of Colorado Denver Health Sciences	6
405	MSUCOM	Treatment strategies for ocular toxicity from chloropicrin	Basic Sciences and Genetics	National Inst of Health	1
406	MSUCOM	Understanding Mustard Vesicants Distribution and Toxicity in the Eye Using In Vivo and In Silico Models	Basic Sciences and Genetics	National Inst of Health	1
407	MSUCOM	Bladder Wall Stiffness Drives Sensation of Fullness	Nutrition, Obesity, Diabetes, and Metabolism	National Inst Diabetes & Digestive & Kidney Diseases	1
408	MSUCOM	27th Annual Midwest Microbial Pathogenesis Conference (MMPC)	Basic Sciences and Genetics	National Inst of Health	1
409	MSUCOM	Discovery of new phage defense systems in Vibrio cholerae	Basic Sciences and Genetics	National Inst of Allergy & Infectious Diseases	1
410	MSUCOM	Exploring cyclic di-nucleotide signaling across the tree of life	Basic Sciences and Genetics	National Inst of Health	1

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411	MSUCOM	Exploring cyclic di-nucleotide signaling across the tree of life (Supplement)	Basic Sciences and Genetics	National Inst of Health	1
412	MSUCOM	Novel Antibiofilm Treatments for Pseudomonas aeruginosa Infection	Infectious Diseases and Immunology	National Inst of Health	1
413	MSUCOM	Role of disrupted ASL pH regulation in small airways in CF lung disease pathogenesis	Infectious Diseases and Immunology	National Inst of Health	1
414	MSUCOM	The contribution of novel cytidine deaminase regulatory systems to bacterial evolution	Basic Sciences and Genetics	National Inst of Health	1
415	MSUCOM	TRPV1 Mediates Progressive Stress-Induced Bladder Dysfunction	Basic Sciences and Genetics	National Inst Diabetes & Digestive & Kidney Diseases	1
416	MSUCOM	Discovery of GS-biased 5-HT7 receptor agonists for treatment of Hypertension	Cardiovascular and Metabolic Disorders	Michigan Economic Development Corp	2
417	MSUCOM	Role of vascular chemerin as a. regulator of blood pressure and contributor to cardiovascular disease	Cardiovascular and Metabolic Disorders	Amer Heart Assoc	4
418	MSUCOM	Role of Vascular Chemerin as a Regulator of Blood Pressure and Contributor to Cardiovascular Disease	Cardiovascular and Metabolic Disorders	National Inst of Health	1
419	MSUCOM	University of Michigan Kidney, Urology and Hematology Research Training Network	Education and Workforce Development	University of Michigan	6
420	MSUCOM	AI-based platform for predicting emerging vaccine-escape variants and designing mutation-proof antibodies	Basic Sciences and Genetics	National Inst of Health	1
421	OSU- all campuses	ENT Temporal Bone Lab	Education and Workforce Development	OSU Foundation	4
422	OSU- all campuses	3D Histology of Bone Vasculature and Growth in Dinosaurs and Mammals	Anatomy	OSU Foundation	4
423	OSU- all campuses	Ballard Lab Equipment and Processing Tools	Education and Workforce Development	OSU Foundation	4
424	OSU- all campuses	Ballard Lab Supplies	Education and Workforce Development	OSU Foundation	4

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425	OSU- all campuses	Graduate Student Program Research Support	Education and Workforce Development	OSU Foundation	4
426	OSU- all campuses	NBOME; C3DO Pilot - Core Competency Capstone Pilot Agreement	Education and Workforce Development		4
427	OSU- all campuses	A Personalized Preventive Care Recommendation System by Integrating Guidelines with the EHR Data	Education and Workforce Development	NIH	1
428	OSU- all campuses	HEALthy Brain and Child Development National Consortium	Pediatric Medicine	National Institutes of Health	1
429	OSU- all campuses	HEALthy Brain and Child Development National Consortium	Pediatric Medicine	National Institutes of Health	1
430	OSU- all campuses	HBCD - NCAC	Pediatric Medicine	University of California	6
431	OSU- all campuses	HBCD Resource Closet	Pediatric Medicine	OSU Foundation	4
432	OSU- all campuses	Implementation Science Approach to Adolescent Nutrition & Neurodevelopment	Pediatric Medicine	Bill & Melinda Gates Foundation	4
433	OSU- all campuses	HBCD - Admin Core	Pediatric Medicine	University of California	6
434	OSU- all campuses	HBCD OK Pool	Pediatric Medicine	University of California	6
435	OSU- all campuses	HEALthy Brain and Child Development Study Behavioral/ Clinical/Developmental Assessment Training & Quality Oversight Proposal - Supplemental funds from USCD	Pediatric Medicine	University of California	6
436	OSU- all campuses	A Phase 2, Randomized, Double-blind, Multi-dose, Dose Finding Studyto Evaluate the Safety, Tolerability and Immunogenicity of AFX3772 Compared with PCVs in Healthy Infants	Pediatric Medicine	Glaxo Smith Kline	5
437	OSU- all campuses	Psychologist Expansion Program	Mental Health, Substance Use, and Behavioral Health	OSU Medical Authority - OMA	4
438	OSU- all campuses	Center for Indigenous Resilience, Culture, and Maternal Health Equity (CIRCLE) - Training Component	Native American	University of Oklahoma Health Sciences Center - OUHSC	6

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439	OSU- all campuses	FLOURISH	Native American	Health Sciences Center - OUHSC	6
440	OSU- all campuses	CIRCA	Pediatric Medicine	National Institutes of Health	1
441	OSU- all campuses	Center for Integrative Research on Childhood Adversity	Pediatric Medicine	National Institutes of Health	1
442	OSU- all campuses	Osage Community Supported Agriculture Study (OCSA)	Native American	National Institutes of Health	1
443	OSU- all campuses	Indigenous Foodways and Health	Native American	OSU Foundation	4
444	OSU- all campuses	NARCH 12	Native American	Cherokee Nation	1
445	OSU- all campuses	Nutrition to Optimize, Understand, and Restore Insulin Sensitivity in HIV for Oklahoma (NOURISH OK)	Infectious Diseases and Immunology	OU Health Sciences Center	6
446	OSU- all campuses	Oklahoma Center for Microbiome Research (OCMR)	Basic Sciences and Genetics	NIH	1
447	OSU- all campuses	Development of a High Throughput System for Testing of Adjuvants for Toxicity and Efficacy	Basic Sciences and Genetics	U.S. Department of Agriculture	1
448	OSU- all campuses	A History of the Indian Schools of Practical Nursing in the United States, 1935–1975	Native American	American Association for the History of Nursing (AAHN)	4
449	OSU- all campuses	STAR - Development of a Novel Addiction Medicine Therapeutic - Assessing Whether Semaglutide Reduces Alcohol Craving	Mental Health, Substance Use, and Behavioral Health	OSU Foundation	4
450	OSU- all campuses	A Phase 2, Multicenter, Randomized Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of Pemvidutide in the Treatment of Alcohol Use Disorder	Mental Health, Substance Use, and Behavioral Health	Altimmune	5
451	OSU- all campuses	Paleontology and Anatomy Research Fund	Anthropology/Paleontology	OSU Foundation	4
452	OSU- all campuses	Heartland Telehealth Resource Center	Social Determinants of Health; Rural Heatlh	University Of Kansas Medical Center Research Institute Inc	6
453	OSU- all campuses	BPA between OSU-CHS and OKC IHS for Specialty Medical Services for Patients	Native American	Indian Health Services	1

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454	Rowan- Virtua SOM- all campuses	Investigating the potential impact of a low-fat high fiber diet in limiting TBI-induced neurodegenerative and inflammatory changes.	Neuroscience, Neurology, and Cognitive Disorders	National Institute of Neurological Disorders and Stroke (NIH)	1
455	Rowan- Virtua SOM- all campuses	Plasmalogen Precursor Supplements as a Potential Treatment for Traumatic Brain Injury	Neuroscience, Neurology, and Cognitive Disorders	New Jersey Health Foundation (NJHF)	4
456	Rowan- Virtua SOM- all campuses	Elucidating a Molecular Pathway Responsible for the Degeneration of Cholinergic Neurons Using a Modified TBI Model	Neuroscience, Neurology, and Cognitive Disorders	Osteopathic Heritage Foundation Endowment for Primary Care Research: Faculty Intramural Funding Program	4
457	Rowan- Virtua SOM- all campuses	Utilization of Precision Medicine and Nutrition to Improve Care and Quality of Life in Individuals with Autism Spectrum Disorder	Neuroscience, Neurology, and Cognitive Disorders	Wakefern Foundation	4
458	Rowan- Virtua SOM- all campuses	National HCOP Academy to Support Careers in Osteopathic Medicine	Education and Workforce Development	Health Resources and Services Administration (HRSA)	1
459	Rowan- Virtua SOM- all campuses	Inhibition of Hedgehog Signaling as a Therapeutic Strategy for OSCC	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
460	Rowan- Virtua SOM- all campuses	Hedgehog signaling regulation of postnatal tongue and taste organ morphogenesis	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
461	Rowan- Virtua SOM- all campuses	Inhibiting Hedgehog Signaling in Oral Squamous Cell Carcinoma: A New Therapeutic Avenue	Oncology and Cancer-related Research	New Jersey Health Foundation (NJHF)	4
462	Rowan- Virtua SOM- all campuses	Targeting Hedgehog Pathway to Combat Oral Cancer	Oncology and Cancer-related Research	Osteopathic Heritage Foundation	4
463	Rowan- Virtua SOM- all campuses	RowanSOM Academic Detailing Program	Mental Health, Substance Use, and Behavioral Health	NJ Department of Law and Public Safety: Office of the Attorney General	2
464	Rowan- Virtua SOM- all campuses	Southern NJ Medication Assisted Treatment Center of Excellence (base COE)	Mental Health, Substance Use, and Behavioral Health	NJ-Division of Medical Assistance and Health Services (DMAHS)	2
465	Rowan- Virtua SOM- all campuses	Functional organization of locus coeruleus projections to CNS motor circuits	Basic Sciences and Genetics	National Science Foundation (NSF)	1

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466	Rowan- Virtua SOM- all campuses	Psychostimulant Effects on Cognitive Flexibility and Risk-Based Decsion-Making Behavior Following Repetitive Mild Traumatic Brain Injury	Neuroscience, Neurology, and Cognitive Disorders	United States Army (Department of Defense)	1
467	Rowan- Virtua SOM- all campuses	Pathways to Pain Management for Persons with Disablilites	Pain, OMT, and Musculoskeletal Research	NJ Department of Human Services	2
468	Rowan- Virtua SOM- all campuses	Role of brain Avpr1a-expressing neurons in modulation of social behavior	Neuroscience, Neurology, and Cognitive Disorders	National Institutes of Health (NIH)	1
469	Rowan- Virtua SOM- all campuses	Alzheimer's Disease Program Initiative	Neuroscience, Neurology, and Cognitive Disorders	NJ Division of Aging Services [Prime Sponsor: U.S. Department of Health and Human Services, Administration for Community Living ("ACL")]	2
470	Rowan- Virtua SOM- all campuses	Rowan-Virtua SOM Migrant Health Initiative	Social Determinants of Health; Rural Heatlh	South Jersey Institute of Population Health (Rowan-Rutgers Joint Board)	4
471	Rowan- Virtua SOM- all campuses	Therapeutic Advances for MED13L Syndrome: Drug Repurposing Studies to Target Mitochondrial Dysfunction	Basic Sciences and Genetics	MED13L Foundation	4
472	Rowan- Virtua SOM- all campuses	Stress as an accelerating factor for brain and behavior changes in a rodent model of Alzheimer's Disease	Neuroscience, Neurology, and Cognitive Disorders	Osteopathic Heritage Foundation	4
473	Rowan- Virtua SOM- all campuses	Differential clearance of pyroglutamate abeta through arachnoid and meningeal lymphatics in Alzheimer Disease	Neuroscience, Neurology, and Cognitive Disorders	National Institutes of Health (NIH)	1
474	Rowan- Virtua SOM- all campuses	Integrating Evidence-Based Primary Care and Behavioral Health in Internal Medicine Residency Training at the Sewell Campus	Mental Health, Substance Use, and Behavioral Health	New Jersey Health Foundation (NJHF)	4

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475	Rowan- Virtua SOM- all campuses	Medical Student Patient Navigation Program to Enhance Medical Education and Improve Prevention Screening in Residents of Southern New Jersey	Education and Workforce Development	New Jersey Health Foundation (NJHF)	4
476	Rowan- Virtua SOM- all campuses	Comparing the Relapse Rate Between MAT-only treatment and MAT with OMT Regimen in Patients with Musculoskeletal Pain	Pain, OMT, and Musculoskeletal Research	Osteopathic Heritage Foundation Endowment for Primary Care Research: Faculty Intramural Funding Program	4
477	Rowan- Virtua SOM- all campuses	SUPPLEMENT: Screening Brief Intervention and Referral to Treatment (SBIRT) Continuation	Mental Health, Substance Use, and Behavioral Health	NJ Department of Human Services: Division of Mental Health and Addiction Services (DMHAS)	2
478	Rowan- Virtua SOM- all campuses	2025 Rowan-Virtua Summer PREP Program	Education and Workforce Development	The New Jersey Office of the Secretary of Higher Education (OSHE)	2
479	Rowan- Virtua SOM- all campuses	Counteracting cardiorespiratory and subjective effects of fentanyl-xylazine mixtures using a dual antagonist approach	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
480	Rowan- Virtua SOM- all campuses	Reproductive history and later-life brain health: The Bogalusa Heart Study	Cardiovascular and Metabolic Disorders	Tulane University (Prime Sponsor: NIH)	1
481	Rowan- Virtua SOM- all campuses	I3C DECADE: Disparities and Equity in Childhood Cardiovascular Exposures and Alzheimer's Dementia	Neuroscience, Neurology, and Cognitive Disorders	Tulane University (Prime Sponsor: NIH)	1
482	Rowan- Virtua SOM- all campuses	Guided Learning Groups Initiative	Education and Workforce Development	Wakefern Foundation	4
483	Rowan- Virtua SOM- all campuses	Psychogenics - Data analytical services.	Mental Health, Substance Use, and Behavioral Health	PsychoGenics Inc.	5
484	Rowan- Virtua SOM- all campuses	Activation of cMet signaling as a novel treatment for cognitive deficits and neuroinflammation after traumatic brain injury	Neuroscience, Neurology, and Cognitive Disorders	NJ Department of Health, NJ Commission on Brain Injury Research	2

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485	Rowan- Virtua SOM- all campuses	Role of HGF/cMet Signaling Pathways in Neuroprotection, Neuroinflammation, and Cognitive Function after Mild Traumatic Brain Injury.	Neuroscience, Neurology, and Cognitive Disorders	New Jersey Health Foundation (NJHF)	4
486	Rowan- Virtua SOM- all campuses	Productive and latent HIV infection of microglia: virus and host wrestle for SUMOylation system control	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
487	Rowan- Virtua SOM- all campuses	RNA oxidation in RAS-driven cancer	Oncology and Cancer-related Research	National Institutes of Health (NIH)	1
488	Rowan- Virtua SOM- all campuses	Extracellular RNA as a Prospective Biomarker in Ischemia/Reperfusion Injury	Basic Sciences and Genetics	New Jersey Health Foundation (NJHF)	4
489	Rowan- Virtua SOM- all campuses	Exploring Ribosomal RNA as a Potential Biomarker in Neurodegenerative Diseases	Neuroscience, Neurology, and Cognitive Disorders	Osteopathic Heritage Foundation	4
490	Rowan- Virtua SOM- all campuses	AGH Center for Traumatic Stress in Children and Adolescents	Pediatric Medicine	Alleghany Singer Research Institute (Prime Sponsor SAMHSA)	1
491	Rowan- Virtua SOM- all campuses	Detection of blood-based biomarkers for Huntington's Disease	Neuroscience, Neurology, and Cognitive Disorders	Osteopathic Heritage Foundation Endowment for Primary Care Research: Faculty Intramural Funding Program	4
492	Rowan- Virtua SOM- all campuses	Targeting of Motor Neurons by AAV in a Large Animal Model	Neuroscience, Neurology, and Cognitive Disorders	Aletheia Biotherapeutics	5
493	Rowan- Virtua SOM- all campuses	Impact of nigral and extranigral neurodegeneration on aerodigestive discoordination in a pesticide model of Parkinson's disease	Neuroscience, Neurology, and Cognitive Disorders	National Institutes of Health (NIH)	1
494	Rowan- Virtua SOM- all campuses	Lecture Capture Transcript Accuracy	Education and Workforce Development	Echo360	5
495	Rowan- Virtua SOM- all campuses	Cadherins, contact normalization, and targeting podoplanin to treat oral cancer	Oncology and Cancer-related Research	National Institutes of Health (NIH)	1

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496	Rowan- Virtua SOM- all campuses	Targeting OSCC cells with a lozenge to treat oral cancer	Oncology and Cancer-related Research	Sentrimed Inc. (Prime Sponsor: NIH)	1
497	Rowan- Virtua SOM- all campuses	FY25 Summer Student Research Grant Program	Education and Workforce Development	New Jersey Health Foundation (NJHF)	2
498	Rowan- Virtua SOM- all campuses	The role of superoxide dismutase SOD-1 in microbe-gut-brain interaction	Neuroscience, Neurology, and Cognitive Disorders	National Institutes of Health (NIH)	1
499	Rowan- Virtua SOM- all campuses	Provider's Clinical Support System - Universities	Education and Workforce Development	Substance Abuse and Mental Health Services Administration (SAMHSA)	1
500	Rowan- Virtua SOM- all campuses	Identification of Serum-Based Autoantibody Biomarkers for Autism Spectrum Disorders	Neuroscience, Neurology, and Cognitive Disorders	Osteopathic Heritage Foundation Endowment for Primary Care Research: Faculty Intramural Funding Program	4
501	Rowan- Virtua SOM- all campuses	Primary Care Curriculum Development and Training to Improve Health Outcomes for Individuals with Physical Disabilities and IDD	Neuroscience, Neurology, and Cognitive Disorders	Health Resources and Services Administration (HRSA)	1
502	Rowan- Virtua SOM- all campuses	Shared services agreement of Counties of Gloucester and Rowan University SOM for the services of Rowan Integrated Special Needs (RISN) Center Licensed Clinical Social Worker	Social Determinants of Health; Rural Heatlh; Special Needs	County of Gloucester	3
503	Rowan- Virtua SOM- all campuses	Southern NJ Medication Assisted Treatment Center of Excellence (base COE)	Mental Health, Substance Use, and Behavioral Health	NJ-Division of Medical Assistance and Health Services (DMAHS)	2
504	Rowan- Virtua SOM- all campuses	Southern NJ Medication Assisted Treatment Center of Excellence (Training Grant)	Mental Health, Substance Use, and Behavioral Health	NJ-Division of Medical Assistance and Health Services (DMAHS)	2
505	Rowan- Virtua SOM- all campuses	Substance Abuse and HIV Prevention Navigation for High Risk African American and Hispanic Youth of New Jersey	Mental Health, Substance Use, and Behavioral Health	Substance Abuse and Mental Health Services Administration (SAMHSA)	1

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506	Rowan- Virtua SOM- all campuses	Targeting Astrocyte-Neuron vesicular coupling as a strategy to alleviate brain aging related to cocaine addiction.	Mental Health, Substance Use, and Behavioral Health	Osteopathic Heritage Foundation	4
507	Rowan- Virtua SOM- all campuses	The Role of Cyclin C in mediating neurodegenerative proteinopathies	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
508	Rowan- Virtua SOM- all campuses	New Jersey Geriatrics Workforce Enhancement Program (NJGWEP) Nursing Staff Training in Nursing Home Care	Education and Workforce Development	Health Resources and Services Administration (HRSA)	1
509	Rowan- Virtua SOM- all campuses	Model-State Supported Area Health Education Centers Program	Education and Workforce Development	Health Resources and Services Administration (HRSA)	1
510	Rowan- Virtua SOM- all campuses	Endometriosis Education, Screening, Brief Intervention, and Referral to Treatment (ENDO-SBIRT) to Increase Diagnosis and Treatment of Endometriosis in Women with OUDs at Risk for Fatal Overdose	Women's and Maternal Health	US Department of Health and Human Services: Office on Women's Health	1
511	Rowan- Virtua SOM- all campuses	New Jersey Health Foundation's Excellence in Research Award for 2024-2025	Education and Workforce Development	New Jersey Health Foundation (NJHF)	4
512	Rowan- Virtua SOM- all campuses	Structure-Function Correlation of Phenotypic Severity in Canavan Disease	Basic Sciences and Genetics	Cure Canavan Fund	4
513	Rowan- Virtua SOM- all campuses	Investigating the link between repetitive mild TBI and oxycodone craving: a role for calcium-permeable AMPA receptors?	Neuroscience, Neurology, and Cognitive Disorders	New Jersey Commission on Brain Injury Research	2
514	Rowan- Virtua SOM- all campuses	DMAHS for the NJFC-IES		NJ-Division of Medical Assistance and Health Services (DMAHS)	2
515	Rowan- Virtua SOM- all campuses	Exploring How Commercially Available Tobacco Flavored E-Cigarette Aerosols Impact Human Airway Mucociliary Tissue Homeostasis and Regeneration	Basic Sciences and Genetics	New Jersey Health Foundation (NJHF)	4

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516	Rowan- Virtua SOM- all campuses	Characterizing novel lung carcinoma cultures for drug target discovery and validation	Oncology and Cancer-related Research	New Jersey Health Foundation (NJHF)	4
517	Rowan- Virtua SOM- all campuses	Neurochemical phenotype and connectivity of periaqueductal gray neurons that are activated during cocaine relapse	Oncology and Cancer-related Research	Osteopathic Heritage Foundation	4
518	Rowan- Virtua SOM- all campuses	Screening for inhibitors of Candida auris Rmd9-RNA interaction in a search for the novel anti-fungal drugs	Basic Sciences and Genetics	New Jersey Health Foundation (NJHF)	4
519	Rowan- Virtua SOM- all campuses	A Comprehensive Center for Huntington's Disease	Neuroscience, Neurology, and Cognitive Disorders	New Jersey Department of Health	2
520	Rowan- Virtua SOM- all campuses	HDSA Center of Excellence	Neuroscience, Neurology, and Cognitive Disorders	Huntington's Disease Society of America	4
521	Rowan- Virtua SOM- all campuses	All-Star Youth Sports Clinic for Children with Disabilities Led by Medical Student Coaches to Improve Child Health and Build Trusting Relationships with Future Physicians	Pediatric Medicine	New Jersey Health Foundation (NJHF)	4
522	Rowan- Virtua SOM- all campuses	Chaperoning Preassembly Modules for Mitochondrial Ribosome Assembly	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
523	Rowan- Virtua SOM- all campuses	Mitochondrial Gene Expression in Fungal Pathogens: Insights into Unique Mechanisms	Basic Sciences and Genetics	New Jersey Health Foundation (NJHF)	4
524	Rowan- Virtua SOM- all campuses	Pathways to Careers in Primary Care for Osteopathic Medical Students to Address Physician Shortages in New Jersey	Education and Workforce Development	Health Resources and Services Administration (HRSA)	1
525	Rowan- Virtua SOM- all campuses	Cellular and molecular mechanisms regulating synovial joint development	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
526	Rowan- Virtua SOM- all campuses	Hyaluronic acid (HA) metabolism in limb synovial joint development	Basic Sciences and Genetics	Osteopathic Heritage Foundation	4
527	Rowan- Virtua SOM- all campuses	Brain Injury Research (Fellowships) 2025	Neuroscience, Neurology, and Cognitive Disorders	New Jersey Commission on Brain Injury Research	2

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528	Rowan- Virtua SOM- all campuses	Catecholaminergic dysfunction in an Alzheimer's disease rat model	Neuroscience, Neurology, and Cognitive Disorders	New Jersey Health Foundation (NJHF)	4
529	Rowan- Virtua SOM- all campuses	Crisis Outreach during Police Encounters Response System in Atlantic City, NJ (Project COPE)	Mental Health, Substance Use, and Behavioral Health	Bureau of Justice Assistance (BJA)	1
530	Rowan- Virtua SOM- all campuses	Project CARES: Increasing Access to Effective Trauma-Focused Treatment Through Training and Self-Care	Mental Health, Substance Use, and Behavioral Health	Substance Abuse and Mental Health Services Administration (SAMHSA)	1
531	Rowan- Virtua SOM- all campuses	Effectiveness of the Osteopathic Pedal Pump on Reducing Lower Limb Volume in Older Adults with Chronic Leg Lymphedema	Pain, OMT, and Musculoskeletal Research	American Osteopathic Association (AOA)	4
532	Rowan- Virtua SOM- all campuses	Student Stipends for: Effectiveness of the Osteopathic Pedal Pump on Reducing Lower Limb Volume in Older Adults with Chronic Leg Lymphedema	Pain, OMT, and Musculoskeletal Research	Osteopathic Heritage Foundation Endowment for Primary Care Research: Faculty Intramural Funding Program	4
533	Rowan- Virtua SOM- all campuses	Training Program to Educate Geriatricians to Deliver Contextualized Care	Geriatric, Aging Medicine	New Jersey Health Foundation (NJHF)	4
534	Rowan- Virtua SOM- all campuses	Psychostimulant Effects on Cognitive Flexibility and Risk-Based Decision-Making Behavior Following Repetitive Mild Traumatic Brain Injury	Neuroscience, Neurology, and Cognitive Disorders	United States Army (Department of Defense)	1
535	Rowan- Virtua SOM- all campuses	Rowan-Virtua SOM-Gloucester County Mobile Integrated Behavioral Health (IBH) Unit	Mental Health, Substance Use, and Behavioral Health	Gloucester County/ State of NJ	3
536	Rowan- Virtua SOM- all campuses	Rowan Integrated, Support, Education, and Recovery (RISER) Program	Mental Health, Substance Use, and Behavioral Health	NJ Department of Human Services	2
537	Rowan- Virtua SOM- all campuses	Minority AIDS Initiative for High Risk Men of New Jersey	Social Determinants of Health; Rural Heatlh; Special Needs	Substance Abuse and Mental Health Services Administration (SAMHSA)	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
538	Rowan- Virtua SOM- all campuses	Increasing Access to Treatment and Housing for Homeless Overdose Survivors in Atlantic County New Jersey (GBHI; Scheffler)	Mental Health, Substance Use, and Behavioral Health	Hope Exists Foundation [Prime Sponsor: Substance Abuse and Mental Health Services Administration (SAMHSA)]	1
539	Rowan- Virtua SOM- all campuses	Community Health Worker (CHW) Training Program: Dual CHW-Certified Peer Recovery Specialist (CPRS) Apprenticeship Program to Integrate Health into Recovery Support Education in New Jersey	Mental Health, Substance Use, and Behavioral Health	Health Resources and Services Administration (HRSA)	1
540	Rowan- Virtua SOM- all campuses	VA Staff Sargeant Parker Gordon Fox Suicide Prevention Grant Program (SSG Fox SPGP): Mobile Suicide Prevention Program for Veterans in Rural and Medically Underserved Communities of Southern New Jersey (Subcontract to Schleffler)	Social Determinants of Health; Rural Heatlh; Special Needs	US Department of Veterans Affairs (VA)	1
541	Rowan- Virtua SOM- all campuses	FY 2024 NJ Opioid Dialogue with Experts Podcasts Program (ODEP)	Mental Health, Substance Use, and Behavioral Health	NJ Department of Law and Public Safety: Office of the Attorney General	2
542	Rowan- Virtua SOM- all campuses	Community Health Workers to Build Capacity for COVID-19 Response and Create Resilient Communities in Atlantic County, New Jersey	Education and Workforce Development	Atlantic County [Prime Sponsor: Centers for Disease Control and Prevention (CDC)]	1
543	Rowan- Virtua SOM- all campuses	Northeast Collaborative to Improve Access to Overdose Treatment	Mental Health, Substance Use, and Behavioral Health	Substance Abuse and Mental Health Services Administration (SAMHSA)	1
544	Rowan- Virtua SOM- all campuses	Reconstructing the evolution of novel developmental regulators	Basic Sciences and Genetics	University of Maryland (Prime Sponsor: NSF)	1
545	Rowan- Virtua SOM- all campuses	Sunscreen and Health Drive	Primary Care	Arnold Gold Foundation	4
546	Rowan- Virtua SOM- all campuses	Untangling the mechanisms of initiation and discontinuous RNA synthesis by COVID-19 RdRp	Basic Sciences and Genetics	University of California Los Angeles (Prime Sponsor: NIH)	1

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547	Rowan- Virtua SOM- all campuses	Mitochondrial magnesium regulates MCU activity and PTP opening during ischemic reperfusion injury	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
548	Rowan- Virtua SOM- all campuses	Evaluation of Sleep Quality and Delirium after Intracerebral Hemorrhage: A Pilot Feasibility Study	Neuroscience, Neurology, and Cognitive Disorders	American Academy of Neurology	4
549	Rowan- Virtua SOM- all campuses	Community Maternal Health Education Podcast for the BIPOC Community	Women's and Maternal Health	Wakefern Foundation	4
550	Rowan- Virtua SOM- all campuses	New Jersey Health Foundation Excellence in Teaching Award	Education and Workforce Development	New Jersey Health Foundation (NJHF)	4
551	Rowan- Virtua SOM- all campuses	Psychiatry Residency Initiative	Mental Health, Substance Use, and Behavioral Health	NJ Department of Human Services: Division of Mental Health and Addiction Services (DMHAS)	2
552	Rowan- Virtua SOM- all campuses	Community Psychiatry Residency Training Initiative	Mental Health, Substance Use, and Behavioral Health	NJ Department of Human Services: Division of Mental Health and Addiction Services (DMHAS)	2
553	Rowan- Virtua SOM- all campuses	CARES Institute DCP&P FY25 Contract 25 XDDS	Mental Health, Substance Use, and Behavioral Health	NJ Department of Children and Families (DCF): Office of Child and Family Health & Clinical Services (OCFHCS) and the Office of Strategic Development (OSD)	2
554	Rowan- Virtua SOM- all campuses	The Transcend, Heal, Respond, InnoVate, & Empower (THRIVE) Center	Mental Health, Substance Use, and Behavioral Health	The New Jersey Health Foundation (NJHF)	4
555	Rowan- Virtua SOM- all campuses	Integrated Mental Health Awareness and Suicide Prevention from Opiates Training for Individuals at the Frontline of the Opioid Epidemic in New Jersey (MHAT)	Mental Health, Substance Use, and Behavioral Health	Substance Abuse and Mental Health Services Administration (SAMHSA)	1
556	Rowan- Virtua SOM- all campuses	Neuroplasticity-Based Suicide Prevention Program for Allopathic and Osteopathic Medical Students at Rowan University	Mental Health, Substance Use, and Behavioral Health	Substance Abuse and Mental Health Services Administration (SAMHSA)	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
557	Rowan- Virtua SOM- all campuses	MED13L Syndrome Study	Basic Sciences and Genetics	MED13L Foundation	4
558	Rowan- Virtua SOM- all campuses	RPA-Directed DNA Repair Mechanisms	Basic Sciences and Genetics	National Institutes of Health (NIH)	1
559	Rowan- Virtua SOM- all campuses	Mechanism of Enzyme Regulation by Magnesium	Basic Sciences and Genetics	New Jersey Health Foundation (NJHF)	4
560	Rowan- Virtua SOM- all campuses	Targeting Astrocyte-Neuron vesicular coupling as a strategy to alleviate brain aging related to cocaine addiction.	Mental Health, Substance Use, and Behavioral Health	Osteopathic Heritage Foundation	4
561	Rowan- Virtua SOM- all campuses	Student Health & Wellness Nutrition Initiative	Nutrition, Obesity, Diabetes, and Metabolism	Wakefern Foundation	4
562	Rowan- Virtua SOM- all campuses	Serotoninergic Signaling in the Orbitofrontal Cortex for Updating Value-Based Choices	Basic Sciences and Genetics	Whitehall Foundation	4
563	Rowan- Virtua SOM- all campuses	A novel, vertically integrated, multidisciplinary module with an eye to the future: the Human Microbiome Unit.	Basic Sciences and Genetics	International Assoc. of Med Science Educators	4
564	Rowan- Virtua SOM- all campuses	Trauma-Focused Cognitive Behavioral Therapy for Children and Adolescents of Puerto Rico	Mental Health, Substance Use, and Behavioral Health	University of Puerto Rico (Prime Sponsor: SAMHSA)	1
565	Rowan- Virtua SOM- all campuses	Autoantibody profile as a novel biomarker for sepsis	Basic Sciences and Genetics	New Jersey Health Foundation (NJHF)	4
566	Rowan- Virtua SOM- all campuses	Antimicrobial and immunomodulatory effects of Lactobacillus Acidophilus postbiotics	Basic Sciences and Genetics	Osteopathic Heritage Foundation	4
567	SHSU-COM	Transforming Teaching Approaches for Breaking Bad News: Incorporating a Research Team-Developed Voice-Based Chatbot for Communication Training	Communication/ Interprofessional	IAMSE	4
568	SHSU-COM	Advancing Healthcare Research Capacity: An Innovative Master's Program in Applied Biomedical Sciences	Education and Workforce Development	US Department of Education	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
569	TCOM	Investigating Integrative Behavioral Health in Schools: Asthma as a Case Example	Mental Health, Substance Use, and Behavioral Health	The University of Texas System	6
570	TCOM	Epigenetic Risk Factors for AD Age at Onset and Health Disparities: HABLE Epigenetics Study	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
571	TCOM	Travel to TARCC Science Symposium 2025	Education and Workforce Development	Texas Alzheimers Research Care Consort	4
572	TCOM	TCMHCC ARPA Funding Pediatric Collaborative Care Model Program	Pediatric Medicine	University of Texas - Austin	6
573	TCOM	WFE - Workforce Expansion	Education and Workforce Development	University of Texas - Austin	6
574	TCOM	Improving Education and Practice Guidelines for Substance Use Disorder and Developmental Disabilities	Mental Health, Substance Use, and Behavioral Health	Texas Council for Developmental	2
575	TCOM	Improving Tarrant County Dementia Support	Neuroscience, Neurology, and Cognitive Disorders	Texas Dept of State Health Services	2
576	TCOM	Health and Aging Brain among Latino Elders (HABLE-AT(N)) Study	Social Determinants of Health; Rural Heatlh; Special Needs	NIA: National Institute on Aging	1
577	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00281	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
578	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00282	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
579	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00283	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
580	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00284	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
581	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00285	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
582	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00286	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
583	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00287	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1

Unique Number	COM	Research Project	Research Topic	Funding Organization	Type of Funding*
584	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00288	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
585	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00289	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
586	TCOM	Health & Aging Brain Study - Health Disparities (HABS-HD)-RF00290	Neuroscience, Neurology, and Cognitive Disorders	NIA: National Institute on Aging	1
587	TCOM	The impact of bilingualism on cognitive reserve/ resilience using socio-demographically and linguistically diverse populations	Neuroscience, Neurology, and Cognitive Disorders	University of California - San Francisco	6
588	TCOM	Development of a novel device for diabetic wound healing using high-frequency, low amplitude vibration	Medical Technology and Innovation	NIDDK: Diabetes & Digestive & Kidney	1
589	TCOM	Longitudinal validation of retinal biomarkers against cerebral biomarkers in the Atlas of Retinal Imaging in Alzheimer's Study (ARIAS)	Mental Health, Substance Use, and Behavioral Health	University of Rhode Island, Kingston	6
590	TCOM	Precision Medicine for Inflammatory Treatment for Alzheimer's Disease in Down Syndrome	Mental Health, Substance Use, and Behavioral Health	University of Southern California	6
591	TCOM	Impact of Ethnicity on the Utility of Plasma Amyloid and Tau to Predict Alzheimer's Disease	Mental Health, Substance Use, and Behavioral Health	University of Southern California	6
592	TCOM	Maternal Mortality and Morbidity Task Force	Women's and Maternal Health	Texas Dept of State Health Services	2
593	TCOM	All for Them-RS80018	Pediatric Medicine	University of Texas HSC at Houston	6
594	TCOM	All for Them-RS80021	Pediatric Medicine	University of Texas HSC at Houston	6
595	TCOM	Workforce Enhancement in Healthy Aging and Independent Living Collaborative-RF10043	Education and Workforce Development	Health Resources & Service Administratio	1
596	TCOM	Workforce Enhancement in Healthy Aging and Independent Living Collaborative-RF10044	Education and Workforce Development	Health Resources & Service Administratio	1
597	TCOM	THECB GME Expansion for TCOM Internal Medicine	GME	Texas Higher Education Coordinating Bd	2

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598	TUCOM-CA	Enhancing Drug Safe Solano Harm Reduction Services	Mental Health, Substance Use, and Behavioral Health	California Clearinghouse	2
599	TUCOM-CA	Extra-hepatic postprandial metabolism of dietary fructose	Basic Sciences and Genetics	NIH	1
600	TUCOM-CA	California Department of Public Health Heart 1	Cardiovascular and Metabolic Disorders	California Department of Public Health	2
601	TUCOM-CA	California Department of Public Health - Diabetes	Nutrition, Obesity, Diabetes, and Metabolism	California Department of Public Health	2
602	TUCOM-CA	Type 1 Diabetes Early Detection Screening	Nutrition, Obesity, Diabetes, and Metabolism	Breakthrough T1D	4
603	TUCOM-CA	Mobile Diabetes Education Center (MOBEC)	Nutrition, Obesity, Diabetes, and Metabolism	Sutter Health	5
604	TUCOM-CA	Clinicial Trial_Observation and Identification of Glycemic Metrics and Patterns in People with and without Prediabetes PREMAP	Nutrition, Obesity, Diabetes, and Metabolism	Abbott Diabetes Care, Inc.	5
605	TUCOM-CA	Fructose Metabolism Effects on the Liver: Unraveling the Role of Defective Intestinal GNG in Individuals with Obesity	Nutrition, Obesity, Diabetes, and Metabolism	NIH	1
606	TUCOM-CA	The Touro University California Health Careers Opportunity Program (HCOP) Academy	Education and Workforce Development	HRSA	1
607	TUCOM-CA	California Overdose Prevention Network, DSS Coalition Reducing Overdose Deaths in CA through Prevention, Treatment and Harm Reduction Strategies led by Multi-Sector Coalitions	Mental Health, Substance Use, and Behavioral Health	California Overdose Prevention Network	2
608	TUCOM-CA	Bioenergetic Control of Estrogen-Driven Breast Cancer Cell Proliferation	Oncology and Cancer-related Research	New York Medical College, Touro University System	6
609	TUCOM-CA	Cannabinoid Signaling Interactions During Axon Development in Situ	Basic Sciences and Genetics	NIH	1

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610	TUCOM-CA	Utilization of an Equity Lab model to develop effective Community Partnerships and Interprofessional Collaboration in the education of future healthcare professionals in providing quality healthcare in underserved communities	Education and Workforce Development	New York Medical College, Touro University System	6
611	TUCOM-CA	Integration of an Innovative Virtual Culinary Medicine Curriculum into Undergraduate Clinical Medical Education	Nutrition, Obesity, Diabetes, and Metabolism	AACOM	4

*Type of Grants: 1= Federal Grants; 2= State Grants; 3=Local Government Grants; 4= Foundation Grants/ Professional Organizations; 5= Corporate Grants (For Profit and Nonprofit); 6= Institutional Grants (Internal and External); 7= International

REPORTED NO GRANTS - 5 COMS

UIWSOM, ICOM, OCOM, Meritus School of Osteopathic Medicine (MSOM), BUCOM (0 projects)

American Association of Colleges of
Osteopathic Medicine