

AACOM 2008-09 Academic Year Survey of Graduating Seniors Summary Report



Prepared by the Research Department
American Association of Colleges of Osteopathic Medicine

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Summary

Each Spring AACOM sends each college of osteopathic medicine (COM) with a fourth-year class the AACOM Survey of Graduating Seniors. The survey collects data from graduating osteopathic medical students about their debt, graduate medical education plans, specialty and practice plans, and experience in and satisfaction with various aspects of their medical education. In 2008-09, the survey was administered in both paper and online formats according to the choice of each COM. The response rate to the survey varied. While the average medical school response rate was 76 percent, the median response rate was 84 percent because of extremely low participation levels at two schools.

A problem in the online survey invalidated some of the data. We have included counts in the published tables below to indicate those tabulations that include only partial data.

Student Debt

The educational debt of osteopathic medical school seniors graduating in 2009 averaged \$173,963 per survey respondent, up 4.7 percent from 2008. Mean debt for students graduating from the six public osteopathic schools was \$156,654, lower than the mean debt for all graduates; mean debt for students graduating from the private colleges was \$177,670.¹

Only about one-third of the seniors had obtained scholarship funds and of those, more than half had received funds awarded by the medical school or its parent university. The highest dollar awards are provided by the federal government in the form of National Health Service Corps Scholarships and Armed Forces Health Professions Scholarships, both of which require service after graduation.

Seniors' Evaluations of Their Medical Education

Eighty-six percent of seniors were either very satisfied or satisfied with the quality of their medical school training, and 88 percent were very satisfied or satisfied with their career choice. Three out of four seniors would choose to study in an osteopathic medical school and three out of five seniors would study in the same osteopathic medical school if they were to begin their medical education again.

Seniors were asked to assess the quality of training provided by their school, their mastery of clinical skills, the time devoted to various instruction areas and the adequacy of academic services. Seniors generally expressed satisfaction with most aspects of the curriculum in the first two years in medical school. However, 28 percent did not feel that there was adequate exposure to patient care during this period. Students felt more time should have been devoted to the following areas of instruction: research techniques; cost effective medical practice; medical care cost control; literature analysis skills and biostatistics.

Seniors were clearly more satisfied with their selective/elective clerkships than with their required clerkships. Although they generally agreed that the diversity and number of patients and health issues they encountered were appropriate, a majority thought that osteopathic principles and practices were not well integrated in each clerkship. Seniors' expressed high levels of confidence about performing a general adult examination but much lower levels of confidence about performing well baby examinations and prostate and testicular examinations.

Among the academic services provided by the schools, seniors expressed the greatest degree of satisfaction with the library and electronic communication. Seniors were least satisfied with career counseling, faculty mentoring and administration awareness of student problems.

Seniors expressed satisfaction with the level of training in osteopathic manipulative treatment, principles and practice, but were less satisfied with the opportunities they had to practice OPP during in-hospital rotations.

¹ There may be issues with the accuracy of self-reported debt. The most accurate method to collect debt data is to collect the official data from financial aid offices; however, this approach may present concerns about privacy.

Specialty and Practice Plans

Half of all seniors planned on entering an osteopathic or dual AOA/ACGME approved residency. The main reason, chosen by over two-thirds of seniors, for planning an allopathic or dual approved residency is that their preferred osteopathic residency is not available in their preferred geographic location. Group practice is the most popular long-range career plan for seniors.

Twenty-four percent of seniors consider themselves most likely to work in a primary care specialty. Primary care is defined as family practice, internal medicine and pediatrics.

2008-09 Seniors' Response Rates to the AACOM Survey of Graduating Seniors

| COM | 4th Year Enrollment* | Surveys Received | Response Rate |
|---------------|----------------------|------------------|---------------|
| ATSU/KCOM | 167 | 128 | 77% |
| AZCOM | 155 | 128 | 83% |
| CCOM | 157 | 21 | 13% |
| DMU-COM | 197 | 79 | 40% |
| GA-PCOM | 78 | 68 | 87% |
| KCUMB-COM | 241 | 194 | 80% |
| LECOM | 236 | 212 | 90% |
| LECOM-Br | 163 | 161 | 99% |
| MSUCOM | 201 | 151 | 75% |
| NSU-COM | 224 | 205 | 92% |
| NYCOM | 299 | 289 | 97% |
| OSU-COM | 83 | 52 | 63% |
| OU-COM | 104 | 76 | 73% |
| PCOM | 278 | 239 | 86% |
| PCSOM | 77 | 77 | 100% |
| TUCOM-CA | 140 | 46 | 33% |
| TUNCOM | 94 | 0 | 0% |
| UMDNJ-SOM | 99 | 86 | 87% |
| UNECOM | 124 | 114 | 92% |
| UNTHSC/TCOM | 130 | 123 | 95% |
| VCOM | 167 | 151 | 90% |
| WesternU/COMP | 192 | 111 | 58% |
| WVSOM | 104 | 95 | 91% |
| Total | 3,710 | 2,806 | 76% |

*Source: AACOM, Annual Osteopathic Medical School Questionnaires 2008-09

Student Debt

(Data include all respondents to each question.)

| Mean Debt, Seniors 2008-2009 | | | | | | |
|---|-----------------------|-------------------|----------------|-------------------|-----------------|-------------------|
| Source of Debt | All 2008-2009 Seniors | | Public Schools | | Private Schools | |
| | Mean Debt | Percent with Debt | Mean Debt | Percent with Debt | Mean Debt | Percent with Debt |
| Loans for Osteopathic Medical Education | \$173,963 | 93% | \$156,654 | 93% | \$177,670 | 93% |
| At Entry, Loans Owing for Undergraduate Education | \$14,843 | 48% | \$12,505 | 46% | \$15,343 | 49% |
| Family Loans to be Repaid by Student | \$1,908 | 3% | \$3,098 | 4% | \$1,647 | 3% |
| Non-Educational Debt | \$16,387 | 48% | \$11,675 | 45% | \$17,407 | 48% |

| Scholarships/Grants, Seniors 2008-2009 | | | | | | |
|---|-------------------|---------------------|----------------|---------------------|-----------------|---------------------|
| Average scholarship or grant amount based on those who received awards from each source | | | | | | |
| Type of Scholarship or Grant | 2008-2009 Seniors | | Public Schools | | Private Schools | |
| | Dollar Amount | Percent with Awards | Dollar Amount | Percent with Awards | Dollar Amount | Percent with Awards |
| Total Scholarships/Grants | \$52,516 | 34% | \$32,200 | 39% | \$57,785 | 33% |
| National Health Service Corps Scholarship | \$109,212 | 1% | \$63,667 | 1% | \$113,767 | 1% |
| Armed Forces Health Professions Scholarship | \$170,659 | 6% | \$147,944 | 4% | \$173,460 | 6% |
| State Government Scholarship/Grant | \$30,375 | 3% | \$8,974 | 4% | \$37,007 | 3% |
| Scholarship/Grant/Fellowship from Osteopathic School or its Parent | \$11,716 | 18% | \$7,743 | 19% | \$12,675 | 17% |
| Tuition Waiver | \$41,520 | 2% | \$33,997 | 6% | \$48,359 | 1% |
| Osteopathic Association | \$4,454 | 4% | \$4,070 | 5% | \$4,551 | 5% |
| Other Sources | \$15,378 | 5% | \$18,708 | 8% | \$14,208 | 5% |

| Sources of Funds for Osteopathic Medical Education, 2008-2009 | | | |
|--|-----------------------|----------------|-----------------|
| (Percent of total cost provided by each source) | | | |
| Source | All 2008-2009 Seniors | Public Schools | Private Schools |
| Loans | 81% | 81% | 81% |
| Scholarships | 9% | 7% | 9% |
| Savings | 2% | 2% | 2% |
| Earnings | 1% | 1% | 1% |
| Parents | 7% | 8% | 7% |
| Relatives | 1% | 1% | 1% |
| Other | 0% | 0% | 0% |
| Total | 100% | 100% | 100% |

Seniors' Evaluations of Their Medical Education

2008-2009 Seniors' Evaluation of Quality of Osteopathic Medical Training

| Satisfaction Level | All 2008-2009 Seniors | |
|------------------------------------|-----------------------|------|
| Very Satisfied | 186 | 29% |
| Satisfied | 361 | 57% |
| Neither Satisfied nor Dissatisfied | 62 | 10% |
| Dissatisfied | 25 | 4% |
| Very Dissatisfied | 1 | 0% |
| Total | 635 | 100% |

2008-2009 Seniors' Satisfaction Level with Osteopathic Medicine Career Selection

| Satisfaction Level | All 2008-2009 Seniors | |
|--------------------|-----------------------|------|
| Very Satisfied | 291 | 46% |
| Satisfied | 264 | 42% |
| Mixed Feelings | 116 | 18% |
| Dissatisfied | 13 | 2% |
| Very Dissatisfied | 1 | 0% |
| Total | 685 | 100% |

2008-2009 Seniors Who, if Starting over, Would Prefer to Enroll in:

| Preferred Response | All 2008-2009 Seniors | |
|--|-----------------------|------|
| The Same Osteopathic Medical School | 387 | 60% |
| Another Osteopathic Medical School | 98 | 15% |
| An Allopathic Medical School | 127 | 20% |
| Would not Have Gone to Medical School at All | 36 | 6% |
| Total | 648 | 100% |

2008-2009 Seniors' Evaluation of First Two Years of Medical Education

| Characteristic of First Two Years of Medical Education | Strongly Agree | Agree | Disagree | Strongly Disagree | No Opinion | Total |
|---|----------------|-------|----------|-------------------|------------|-------|
| Basic and Clinical Science Course Objectives were Made Clear to Students | 39% | 54% | 5% | 2% | 1% | 2,783 |
| Basic Science Courses Were Sufficiently Integrated with each other | 33% | 53% | 11% | 3% | 1% | 2,786 |
| Basic Science Courses Were Sufficiently Integrated with Clinical Training | 27% | 52% | 16% | 4% | 2% | 2,782 |
| Course Objectives and Examination Content Matched Closely | 29% | 57% | 9% | 3% | 2% | 2,779 |
| Course Work Adequately Prepared Students for Clerkships | 28% | 57% | 10% | 3% | 2% | 2,782 |
| The First Two Years of Medical School were Well Organized | 28% | 52% | 12% | 5% | 2% | 2,783 |
| Students were Provided with Timely Feedback on Performance | 29% | 56% | 10% | 3% | 1% | 2,779 |
| There was Adequate Exposure to Patient Care During the First Two Years | 24% | 47% | 21% | 7% | 2% | 2,782 |
| Osteopathic Principles were Adequately Integrated into Course Work | 32% | 54% | 9% | 2% | 2% | 2,780 |
| An Appropriate Amount of Training was Provided in OMT | 40% | 50% | 6% | 2% | 1% | 2,779 |
| There was Adequate Preparation for COMLEX Level I | 28% | 49% | 14% | 7% | 2% | 2,775 |

Highlighted categories are those where <80% are “Strongly Agree + Agree”

2008-2009 Seniors' Evaluation of Time Devoted to Various Areas of Instruction

| Area of Instruction | Appropriate | Inadequate | Excessive | Total Responses |
|--|-------------|------------|-----------|-----------------|
| Basic Medical Sciences | 92% | 6% | 2% | 2,793 |
| Behavioral Sciences | 83% | 15% | 2% | 2,792 |
| Biostatistics | 58% | 40% | 2% | 2,787 |
| Bioterrorism | 62% | 34% | 4% | 2,788 |
| Care of Ambulatory Patients | 89% | 7% | 4% | 2,789 |
| Care of the Elderly (Geriatrics) | 83% | 12% | 5% | 2,792 |
| Care of Hospitalized Patients | 85% | 14% | 1% | 2,792 |
| Care of Patients with HIV/AIDS | 70% | 28% | 1% | 2,792 |
| Clinical Decision-Making | 87% | 12% | 1% | 2,785 |
| Clinical Pharmacology | 81% | 18% | 1% | 2,788 |
| Clinical Sciences | 92% | 7% | 1% | 2,792 |
| Cost Effective Medical Practice | 52% | 47% | 1% | 2,789 |
| Diagnostic Skills | 89% | 10% | 1% | 2,783 |
| Drug and Alcohol Abuse | 84% | 14% | 1% | 2,787 |
| Family and Domestic Violence | 75% | 23% | 1% | 2,786 |
| Genetics | 80% | 18% | 2% | 2,780 |
| Health Promotion and Disease Prevention | 90% | 7% | 3% | 2,786 |
| Human Sexuality | 75% | 21% | 4% | 2,789 |
| Independent Learning and Self-evaluation | 85% | 13% | 3% | 2,788 |
| Infection Control/Health Care Setting | 90% | 10% | 1% | 2,789 |
| Infectious Disease Prevention | 91% | 9% | 1% | 2,787 |
| Integrative Medicine | 83% | 15% | 2% | 2,786 |
| Legal Medicine | 66% | 31% | 3% | 2,791 |
| Literature Analysis Skills | 57% | 41% | 1% | 2,786 |
| Medical Care Cost Control | 55% | 45% | 1% | 2,789 |
| Medical Ethics | 81% | 12% | 7% | 2,787 |
| Medical Record Keeping | 64% | 35% | 1% | 2,787 |
| Medical Socioeconomics | 68% | 31% | 1% | 2,783 |
| Neuromusculoskeletal Medicine\OMM | 86% | 4% | 10% | 2,791 |
| Nutrition | 71% | 27% | 1% | 2,791 |
| Pain Management | 69% | 30% | 1% | 2,788 |
| Patient Education | 89% | 10% | 1% | 2,788 |
| Patient Follow-up | 89% | 11% | 1% | 2,787 |
| Patient Interviewing Skills | 93% | 3% | 4% | 2,784 |
| Physician-Patient Relationship | 95% | 3% | 3% | 2,785 |
| Practice Management | 60% | 38% | 1% | 2,782 |
| Primary Care | 85% | 2% | 12% | 2,779 |
| Public Health and Community Medicine | 87% | 10% | 3% | 2,777 |
| Rehabilitation | 67% | 33% | 1% | 2,780 |
| Research Techniques | 48% | 51% | 1% | 2,780 |
| Role of Medicine in Community | 88% | 10% | 1% | 2,778 |
| Screening for Diseases | 94% | 6% | 1% | 2,780 |
| Teamwork with Other Health Professionals | 90% | 9% | 1% | 2,779 |
| Therapeutic Management | 90% | 9% | 1% | 2,774 |
| Use of Computers | 86% | 12% | 2% | 2,775 |
| Utilization Review and Quality Assurance | 77% | 23% | 1% | 2,754 |

Highlighted categories are those where <60% are “Appropriate”

2008-2009 Seniors' Evaluation of Clinical Education – Required Clerkships

| Characteristic of Clinical Education | Strongly Agree | Agree | Disagree | Strongly Disagree | No Opinion | Total |
|--|----------------|-------|----------|-------------------|------------|-------|
| Clear Goals and Objectives | 24% | 58% | 13% | 3% | 2% | 2,789 |
| Able to Design Own Goals and Objectives | 22% | 54% | 16% | 3% | 5% | 2,790 |
| Clear Performance Objectives | 20% | 57% | 18% | 3% | 2% | 2,783 |
| Well-Organized Clerkships | 17% | 54% | 20% | 7% | 3% | 2,785 |
| Rounds Conducted as Scheduled | 21% | 62% | 12% | 2% | 4% | 2,789 |
| Timely Feedback Provided on Performance | 19% | 59% | 16% | 4% | 2% | 2,788 |
| Too Large a Role by Residents in Teaching and Evaluation* | 11% | 26% | 48% | 9% | 7% | 2,787 |
| Appropriate Diversity of Patients and Their Health Issues | 32% | 61% | 4% | 1% | 1% | 2,782 |
| Appropriate Number of Inpatient Experiences | 32% | 55% | 8% | 4% | 1% | 2,785 |
| Each Clerkship had an Osteopathic Orientation | 7% | 18% | 46% | 25% | 4% | 2,786 |
| Osteopathic Principles and Practice (OPP) Well-Integrated in Each Clerkship | 7% | 20% | 44% | 24% | 4% | 2,783 |
| Appropriate Technology Usage for Situation | 25% | 66% | 6% | 1% | 3% | 2,787 |
| Able to Work on a Personal Basis with Patients | 42% | 55% | 2% | 0% | 1% | 2,790 |
| Attending Modeled Excellent Patient Relationship Skills | 25% | 65% | 5% | 1% | 4% | 2,786 |
| Friendly and Supportive Support Staff | 25% | 63% | 7% | 2% | 3% | 2,786 |
| Coverage Hours were Set and Finished on Time | 18% | 61% | 13% | 3% | 4% | 2,786 |
| I Was Asked Relevant Pertinent Questions on Patient Diagnosis, Treatment Options, Management and Follow-up | 29% | 64% | 4% | 1% | 2% | 2,788 |
| Felt Free to Ask Questions | 35% | 59% | 3% | 1% | 2% | 2,787 |
| Attending Seemed Interested in My Opinions | 22% | 63% | 9% | 2% | 4% | 2,782 |
| Personal Concerns Addressed by Attending While on Rotation | 21% | 60% | 9% | 1% | 8% | 2,786 |
| I was Treated with Respect | 28% | 64% | 4% | 1% | 3% | 2,787 |
| Able to Discuss Progress on Rotation with Attending | 23% | 64% | 9% | 1% | 3% | 2,785 |
| Attending Critically Evaluated Me During Rotation | 19% | 62% | 13% | 2% | 4% | 2,782 |
| Able to Discuss Final Rotation Evaluation with Attending | 18% | 58% | 17% | 3% | 3% | 2,782 |
| Attending Based Evaluation on Direct Observation | 20% | 64% | 10% | 2% | 5% | 2,782 |
| Able to Meet and Discuss Areas of Concern with Attending Outside of Clinical Setting | 16% | 49% | 22% | 3% | 10% | 2,782 |
| Lived within Reasonable Distance from Rotation Sites | 23% | 59% | 11% | 5% | 2% | 2,782 |
| Prepared Me for Examinations | 20% | 58% | 15% | 4% | 3% | 2,781 |
| Testing Provided at End of Each Clerkship | 22% | 55% | 16% | 4% | 3% | 2,779 |
| Adequate Preparation for COMLEX Level 2-CE | 24% | 56% | 13% | 4% | 3% | 2,784 |
| Adequate Preparation for COMLEX Level 2-PE | 33% | 57% | 6% | 3% | 2% | 2,777 |

Highlighted categories are those where <80% are “Strongly Agree + Agree” (where relevant*)

2008-2009 Seniors' Evaluation of Clinical Education – Selective/Elective Clerkships

| Characteristic of Clinical Education | Strongly Agree | Agree | Disagree | Strongly Disagree | No Opinion | Total |
|--|----------------|-------|----------|-------------------|------------|-------|
| Clear Goals and Objectives | 25% | 61% | 10% | 2% | 2% | 2,777 |
| Able to Design Own Goals and Objectives | 29% | 59% | 7% | 1% | 3% | 2,774 |
| Clear Performance Objectives | 24% | 60% | 11% | 1% | 3% | 2,773 |
| Well-Organized Clerkships | 24% | 62% | 9% | 2% | 3% | 2,770 |
| Rounds Conducted as Scheduled | 24% | 65% | 6% | 1% | 5% | 2,774 |
| Timely Feedback Provided on Performance | 24% | 64% | 8% | 2% | 2% | 2,768 |
| Too Large a Role by Residents in Teaching and Evaluation* | 12% | 31% | 45% | 8% | 5% | 2,772 |
| Appropriate Diversity of Patients and Their Health Issues | 33% | 63% | 2% | 0% | 2% | 2,776 |
| Appropriate Number of Inpatient Experiences | 33% | 61% | 3% | 1% | 2% | 2,771 |
| Each Clerkship had an Osteopathic Orientation | 10% | 26% | 41% | 18% | 6% | 2,773 |
| Osteopathic Principles and Practice (OPP) Well-Integrated in Each Clerkship | 9% | 26% | 41% | 18% | 6% | 2,771 |
| Appropriate Technology Usage for Situation | 28% | 65% | 3% | 1% | 3% | 2,770 |
| Able to Work on a Personal Basis with Patients | 38% | 58% | 1% | 0% | 2% | 2,774 |
| Attending Modeled Excellent Patient Relationship Skills | 33% | 63% | 2% | 0% | 3% | 2,772 |
| Friendly and Supportive Support Staff | 31% | 63% | 3% | 1% | 3% | 2,772 |
| Coverage Hours were Set and Finished on Time | 25% | 64% | 7% | 1% | 4% | 2,775 |
| I Was Asked Relevant Pertinent Questions on Patient Diagnosis, Treatment Options, Management and Follow-up | 32% | 64% | 2% | 0% | 2% | 2,774 |
| Felt Free to Ask Questions | 35% | 61% | 1% | 0% | 2% | 2,771 |
| Attending Seemed Interested in My Opinions | 29% | 64% | 4% | 1% | 3% | 2,775 |
| Personal Concerns Addressed by Attending While on Rotation | 26% | 62% | 5% | 1% | 7% | 2,770 |
| I was Treated with Respect | 33% | 62% | 2% | 0% | 2% | 2,772 |
| Able to Discuss Progress on Rotation with Attending | 27% | 64% | 5% | 0% | 3% | 2,770 |
| Attending Critically Evaluated Me During Rotation | 25% | 63% | 8% | 1% | 4% | 2,771 |
| Able to Discuss Final Rotation Evaluation with Attending | 25% | 61% | 10% | 1% | 3% | 2,775 |
| Attending Based Evaluation on Direct Observation | 27% | 65% | 4% | 1% | 4% | 2,770 |
| Able to Meet and Discuss Areas of Concern with Attending Outside of Clinical Setting | 22% | 55% | 13% | 1% | 9% | 2,772 |
| Lived within Reasonable Distance from Rotation Sites | 26% | 62% | 7% | 2% | 3% | 2,768 |
| Prepared Me for Examinations | 25% | 60% | 7% | 1% | 8% | 2,772 |
| Testing Provided at End of Each Clerkship | 17% | 40% | 27% | 7% | 9% | 2,772 |
| Adequate Preparation for COMLEX Level 2-CE | 24% | 56% | 9% | 2% | 8% | 2,772 |
| Adequate Preparation for COMLEX Level 2-PE | 28% | 58% | 5% | 2% | 8% | 2,753 |

Highlighted categories are those where <80% are “Strongly Agree + Agree” (where relevant*)

2008-2009 Seniors' Evaluation of Confidence Level to Perform Certain Examinations

| Examination | Completely Confident | Mostly Confident | Fairly Confident | Somewhat Confident | Not at All Confident | No Opportunity to Perform | Total |
|-------------------------|----------------------|------------------|------------------|--------------------|----------------------|---------------------------|-------|
| General Adult | 63% | 31% | 5% | 1% | 0% | 0% | 2,791 |
| General Pediatric | 32% | 38% | 20% | 8% | 2% | 0% | 2,791 |
| Well Baby | 28% | 33% | 22% | 12% | 4% | 0% | 2,788 |
| Breast and Pelvic | 40% | 35% | 17% | 6% | 2% | 0% | 2,787 |
| Prostate and Testicular | 29% | 34% | 20% | 11% | 5% | 1% | 2,791 |
| Osteopathic Structural | 37% | 34% | 17% | 9% | 3% | 0% | 2,787 |
| Sports Participation | 40% | 33% | 16% | 7% | 2% | 2% | 2,787 |

Highlighted categories are those where <70% are “Completely Confident + Mostly Confident”

2008-2009 Seniors' Evaluation of Various Academic Services

| Academic Service Area | Very Satisfied | Satisfied | Dissatisfied | Very Dissatisfied | No Opinion | Total |
|--|----------------|-----------|--------------|-------------------|------------|-------|
| Academic Counseling | 13% | 47% | 20% | 10% | 10% | 2,784 |
| Accessibility to Administration | 17% | 56% | 15% | 7% | 4% | 2,788 |
| Awareness of Student Problems by Administration | 13% | 47% | 23% | 12% | 6% | 2,784 |
| Career Counseling | 10% | 38% | 28% | 13% | 11% | 2,789 |
| Computer Resource Center | 22% | 59% | 7% | 3% | 9% | 2,786 |
| Disability Insurance | 10% | 37% | 5% | 3% | 45% | 2,782 |
| Electronic Communications (E-mail, Internet/Intranet) | 30% | 61% | 5% | 2% | 2% | 2,786 |
| Faculty Mentoring | 13% | 43% | 23% | 11% | 9% | 2,786 |
| Financial Aid Administration Services | 24% | 53% | 10% | 7% | 6% | 2,789 |
| Library | 31% | 58% | 5% | 2% | 4% | 2,784 |
| Participation of Students on Key Medical School Committees | 19% | 58% | 6% | 2% | 15% | 2,783 |
| Personal Counseling | 12% | 41% | 11% | 6% | 29% | 2,779 |
| Student Health Insurance | 13% | 41% | 15% | 12% | 19% | 2,786 |
| Student Health Services | 14% | 47% | 12% | 9% | 19% | 2,777 |
| Student Relaxation Space | 13% | 48% | 17% | 8% | 14% | 2,782 |
| Student Study Space | 17% | 55% | 14% | 7% | 8% | 2,784 |
| Tutorial Help | 13% | 42% | 9% | 5% | 31% | 2,771 |

Highlighted categories are those where <60% are “Very Satisfied + Satisfied”

2008-2009 Seniors' Evaluation of Training in Osteopathic Manipulative Treatment, Principles & Practice

| Training Aspects | Strongly Agree | Agree | Neither Agree nor Disagree | Disagree | Strongly Disagree | Total |
|--|----------------|-------|----------------------------|----------|-------------------|-------|
| Well Prepared to Diagnose Structural Problems | 30% | 54% | 11% | 4% | 1% | 2,787 |
| Well Prepared to Treat Structural Problems | 26% | 51% | 16% | 6% | 1% | 2,783 |
| Well Prepared to Document Findings in a Structural Examination | 26% | 54% | 14% | 6% | 1% | 2,783 |
| Had Opportunity to Practice OPP During First Two Years in Medical School | 45% | 48% | 5% | 2% | 1% | 2,780 |
| Had Opportunity to Practice OPP During In-Hospital Rotations | 12% | 28% | 20% | 30% | 10% | 2,784 |
| Had Opportunity to Practice OPP During Ambulatory Primary Care Rotations | 16% | 49% | 16% | 15% | 4% | 2,785 |
| Had Opportunity to Practice OPP During Ambulatory Non-Primary Care Rotations | 11% | 28% | 22% | 31% | 8% | 2,782 |
| Had Osteopathic Physician Role Models During the First Two Years | 31% | 51% | 11% | 6% | 1% | 2,781 |
| Had Osteopathic Physician Role Models During Required In-Hospital Rotations | 15% | 37% | 19% | 23% | 6% | 2,782 |
| Had Osteopathic Physician Role Models During Ambulatory Primary Care Rotations | 19% | 51% | 15% | 11% | 4% | 2,768 |
| Had Osteopathic Physician Role Models During Ambulatory Non-Primary Care Rotations | 14% | 37% | 22% | 21% | 6% | 2,779 |
| Had Osteopathic Physician Role Models During Selectives/Electives | 16% | 41% | 18% | 19% | 5% | 2,769 |

Highlighted categories are those where <70% are “Strongly Agree + Agree”

2008-2009 Seniors' Evaluation of School's Involvement in Clerkship Years

| Type of Involvement | All 2008-2009 Seniors | |
|----------------------------------|-----------------------|------|
| Excessive Involvement | 26 | 4% |
| Outstanding Involvement | 25 | 4% |
| Adequate Involvement | 343 | 50% |
| Some, but Inadequate Involvement | 207 | 30% |
| Not Involved | 84 | 12% |
| Total | 685 | 100% |

Type of School's Involvement During the Clerkship Years

| Type of Involvement | All 2008-2009 Seniors |
|-----------------------------|-----------------------|
| E-Mail | 86% |
| COMLEX PE Preparation | 60% |
| Distance Learning | 37% |
| Newsletter | 35% |
| COMLEX Level II Preparation | 31% |
| Faculty Visits | 30% |
| Total Students | 2,806 |

2008-2009 Seniors' Evaluation of Time Devoted to Various Activities in 3rd and 4th Years

| Type of Activity | All 2008-2009 Seniors |
|---|-----------------------|
| Inpatient Care, Including Reading X-ray Films and Laboratory Work | 51% |
| Outpatient Care | 38% |
| Extended/Long-Term Care | 7% |
| Research | 2% |
| Other | 2% |
| Total | 2,727 |

2008-2009 Seniors' Evaluation of Percentage of Training Delivered by Allopathic Physicians

| Type of Training | None | 1-25% | 26-50% | 51-75% | 76-100% | Total |
|---|------|-------|--------|--------|---------|-------|
| During the First Two Years of Medical School | 7% | 60% | 23% | 7% | 3% | 2,787 |
| During Required In-Hospital Rotations | 1% | 18% | 26% | 32% | 23% | 2,783 |
| During Required Ambulatory Primary Care Rotations | 9% | 28% | 28% | 21% | 14% | 2,783 |
| During Required Ambulatory Non-Primary Care Rotations | 6% | 22% | 27% | 25% | 20% | 2,780 |
| During Selectives/Electives | 2% | 16% | 24% | 29% | 29% | 2,774 |

Specialty and Practice Plans

| 2008-2009 Seniors' Immediate Post-Graduate Plans (After Internship) | | |
|--|-----------------------|-------------|
| Plans | All 2008-2009 Seniors | |
| Osteopathic Residency | 242 | 36% |
| Allopathic Residency | 312 | 46% |
| Dual AOA/ACGME Approved Residency | 97 | 14% |
| Government, NHSC, Military, V.A., etc. | 15 | 2% |
| Other or Undecided | 8 | 1% |
| Total | 674 | 100% |

| Reasons Given for Planning an Allopathic or AOA/ACGME Dual Approved Residency*, 2008-2009 | |
|--|-----------------------|
| Reason | All 2008-2009 Seniors |
| Preferred Osteopathic Residency is not Available in Preferred Geographic Location | 67% |
| Believe Better Training & Educational Opportunities Available in Allopathic Programs | 51% |
| Better Chance of Location in Larger Institutions | 48% |
| Opens More Career Opportunities | 43% |
| Desire Specialty Training Not Available in Osteopathic Program | 23% |
| Better Chance of Being Accepted in Allopathic Program | 14% |
| Allows for ABMS Board Certification | 9% |
| Higher Pay | 8% |
| Shorter Training Period | 6% |
| Military or Government Service Obligation | 5% |
| Other Reasons | 7% |

*Data represent the percent of the 409 respondents planning an allopathic or AOA/ACGME approved residency.

| Long-Range Career Plans, 2008-2009 | | |
|---|-----------------------|-------------|
| Plans | All 2008-2009 Seniors | |
| Government, NHSC, Military, V.A., etc. | 43 | 7% |
| Practice in an HMO | 12 | 2% |
| Self-Employed with or without a Partner | 86 | 13% |
| Group or Other Type of Private Practice | 332 | 51% |
| Other Professional Activity | 72 | 11% |
| Undecided | 112 | 17% |
| Total | 657 | 100% |

Specialization, 2008-2009

| Planned Specialty | All 2008-2009 Seniors | |
|---|-----------------------|-------------|
| Allergy and Immunology | 2 | 0.3% |
| Anesthesiology | 46 | 6.9% |
| Critical Care | 5 | 0.8% |
| Dermatology | 11 | 1.7% |
| Emergency Medicine | 93 | 14.0% |
| Family Practice | 117 | 17.6% |
| Geriatrics | 2 | 0.3% |
| Internal Medicine, General | 22 | 3.3% |
| Internal Medicine, Subspecialty | 97 | 14.6% |
| Medical Genetics | 1 | 0.2% |
| Neurology and Subspecialties | 15 | 2.3% |
| Nuclear Medicine | 0 | 0.0% |
| OB/GYN and Subspecialties | 36 | 5.4% |
| Ophthalmology | 5 | 0.8% |
| Orthopedic Surgery | 24 | 3.6% |
| Osteopathic Manipulative Medicine | 4 | 0.6% |
| Otolaryngology | 4 | 0.6% |
| Pathology and Subspecialties | 7 | 1.1% |
| Pediatrics, General | 18 | 2.7% |
| Pediatrics, Subspecialty | 27 | 4.1% |
| Physical Medicine & Rehabilitation Med. | 19 | 2.9% |
| Preventive Medicine and Subspecialties | 0 | 0.0% |
| Proctology | 1 | 0.2% |
| Psychiatry and Subspecialties | 23 | 3.5% |
| Radiology and Subspecialties | 26 | 3.9% |
| Sports Medicine | 6 | 0.9% |
| Surgery Subspecialties | 26 | 3.9% |
| Surgery, General | 12 | 1.8% |
| Urology/Urological Surgery | 5 | 0.8% |
| Vascular Surgery | 0 | 0.0% |
| Undecided or Indefinite | 11 | 1.7% |
| Total | 665 | 100% |

Factors Influencing Specialty Choice Decision, 2008-2009

| Factor | Mean Influence Rating* All 2008-2009 Seniors |
|---|---|
| Intellectual Content of the Specialty | 3.3 |
| Like Dealing with People More than Techniques | 3.0 |
| Prestige/Income Potential | 1.8 |
| Lifestyle | 2.8 |
| Like the Emphasis on Technical Skills | 2.5 |
| Role Models | 2.7 |
| Peer Influence | 1.9 |
| Skills/Abilities | 3.0 |
| Debt Level | 1.6 |
| Academic Environment | 2.5 |
| Opportunity for Research/Creativity | 1.8 |
| Desire for Independence | 2.5 |
| Previous experience | 2.1 |

*Students were asked to rate the importance of each of the above factors affecting their specialty choice decision. Each factor was rated on a scale of 0 to 4 (with 0 being no influence and 4 being major influence) and the average response is used above.

Primary Care*, 2008-2009

| Primary Care* | All 2008-2009 Seniors | |
|------------------|-----------------------|------|
| Primary Care | 157 | 24% |
| Non-Primary Care | 497 | 75% |
| Undecided | 11 | 2% |
| Total | 665 | 100% |

* Primary care includes family medicine, internal medicine and pediatrics. Results are calculated from responses to specialization.

Board Certification Plans, 2008-2009

| Plans | All 2008-2009 Seniors | |
|----------------------------------|-----------------------|------|
| AOA Boards | 317 | 46% |
| ABMS Boards | 117 | 17% |
| Both Boards | 188 | 27% |
| Other | 0 | 0% |
| Not Planning Board Certification | 0 | 0% |
| Undecided | 64 | 9% |
| Total | 686 | 100% |

**Reasons for Taking ABMS (Allopathic) or Both Boards*,
2008-2009**

| Reason | All 2008-2009 Seniors |
|---|-----------------------|
| ABMS Board Certification Provides More Opportunities | 47% |
| ABMS Board Certification is More Widely Recognized | 43% |
| Personal Desire for Dual Certification | 38% |
| ABMS Board Certification has More Colleague Acceptance | 26% |
| Hospital Privileges are More Readily Obtained with ABMS | 23% |
| Licenses More Readily Obtained with ABMS Certification | 19% |
| ABMS Board Certification has More Prestige | 16% |
| Other | 11% |

* Data represent the percent of the 305 respondents planning on taking the ABMS Boards or both Boards.

Expected Net Income, 2008-2009

| Years After Completion of Internship or Residency | Mean Expected Income All 2008-2009 Seniors |
|---|--|
| 1 Year | \$164,814 |
| 5 Years | \$226,972 |
| 10 Years | \$292,610 |