



NCOM RESEARCH STRATEGIC PLAN 2027- 2030

Goal 1. Establish an Office of Research and Sponsored Programs to support scholarly activities.

Objective 1-1: Establish as faculty-effort policy that supports research expectations for all full-time foundational and clinical science faculty. (Anticipated completion: 2026-2027, pre-accreditation phase)

Objective 1-2: Implement agreements with other institutions of higher education and/or industry to meet personnel and facility research and scholarly needs.

Objective 1-3: Develop and implement a strategic plan to secure financial resources to support research and scholarly activity and assure compliance with external regulations and COM policies and procedures. (2026 and 2027)

Goal #2. Align research interests with NCOM's educational mission.

Objective 2-1: Develop and implement a strategic plan to foster research and scholarly activity, assure compliance with college and other policies and procedures, and secure financial resources to support activities. (2026 - 2027)

Objective 2-2: Support the development of research capacity in collaboration with other institutions of higher learning and our clinical partners. (2027 -2029)

Objective 2-3: Develop collaborative research and scholarly opportunities with strategic partners, including affiliated and articulated programs, regional communities, professional organizations, government, health care networks, and payers. (2027-2029)

Goal #3. Develop and support institutional research efforts.

Objective 3-1: Plan, develop, and populate a rich, longitudinal institutional database. (Beginning in 2026 and ongoing)

Objective 3-2: Analyze student data to study outcomes and predictors. Examine effectiveness of feedback indicators, remediation, and reevaluation processes in relationship to student progress. (Beginning 2027 and ongoing)

Goal #4. Provide research training opportunities across the educational continuum.

Objective 4-1: Establish summer research externships for Grade 6 -12 and articulated college and university pathway programs. (Beginning 2028 and ongoing)

Objective 4-2: Incorporate information and practical experience with scientific principles, applications, results dissemination, and critical review across the UGME curriculum. (Beginning 2027 and ongoing)

Objective 4-3: Facilitate opportunities for students and residents to engage with faculty-led research projects. (Beginning 2027 and ongoing)

Objective 4-4: Establish faculty development programs for full-time, part-time, and adjunct faculty in scientific principles, statistics, application, and results dissemination. Grant development support is also offered (Beginning 2027 and ongoing)

Objective 4-5: Support research training within clinical partnerships (2027 and ongoing)

Goal #5: Integrate Osteopathic Principles and Practice (OPP) throughout the curriculum.

Objective 5-1: Establish a 1st & 2nd year OPP curriculum that achieves the osteopathic core competencies prior to clinical clerkship assignment. (Beginning 2026 and ongoing)

Objective 5-2: Design & deliver a faculty development program on OPP for all full time, part time, and adjunct basic science and clinical faculty. (Beginning 2026 and ongoing)

Objective 5-3: Design & deliver an OPP and osteopathic history seminar as part of the faculty and staff onboarding' program. (Beginning 2026 and ongoing)

Objective 5-4: Design a 3rd year application-based OPP clinical rotation. (2028)

Objective 5-5: Establish a 3rd and 4th year Objective Structured Clinical (Neuromuscular) patient exam documentation requisite for all students as a part of the clinical performance requirement. (Beginning 2028 and ongoing)

Objective 5-6: Deliver a required longitudinal 3rd and 4th year OPP rotation that includes OPP research methodology, teaching assistance, and completion of student scholarly projects. (2028)