

Burrell College of Osteopathic Medicine

Student Handbook 2021-2022

Research and Scholarly Activity

The College recognizes research and scholarly work as an important component of medical education and is dedicated to supporting research programs that advance medical knowledge and enrich student education. Research and scholarly activity at the College is central to the mission of the school and driven by faculty in four core priority research areas: basic biomedical science, clinical science, population and public health, and medical education.

Students working under faculty mentorship are able to engage in supervised research activities in the BioScience Research Laboratory (BRSL), the Human Physiology Laboratory (HPL), as well as in other areas of creative scholarship including but not limited to population/public health, medical education, retrospective studies, clinical case reports, and literature reviews. Typically research experiences for students begin after the first semester of study to allow time for new students to adjust to the rigors of the medical school curriculum. An intense summer research experience is available for rising second and third year students. Students in third or fourth year may choose research as a non-clinical elective conducted under the supervision of an approved Burrell College faculty mentor.

Students are required to inform and obtain approval from the Office of Research & Sponsored Programs (ORSP) for all research or creative scholarly activities and to ensure that all research that they participate in is conducted in accordance with Burrell College policies and procedures, and applicable local and federal regulations.

Prior to initiating research on new projects, students must inform the ORSP of her/his intent to begin a research project by completing a *“Request to Participate in Research”*. The request will be reviewed by ORSP to ensure that researchers have secured appropriate compliance approvals (e.g., human subjects, biosafety, etc.) and completed required Responsible Conduct of Research training. ORSP will provide a written response to the request within 5 business days of receipt of the request. The student(s) may not begin work on the research before approval is obtained.

Prior to submitting an abstract or conference paper to a meeting, students will inform the ORSP of her/his intent by completing a *“Intent to Submit an Abstract or Conference Paper”* in advance of the submission. ORSP will conduct a non-scientific review within 5 business days of receiving the intent notification to ensure compliance with College and applicable local or federal rules and regulations.

Prior to submitting a letter, short communication, case report, manuscript or any written document for publication where the Burrell College affiliation is stated, students will inform the ORSP of her/his intent by completing a *“Intent to Submit a Journal Article or Manuscript for Publication”* in advance of submission. ORSP will conduct a non-scientific review within 5 business days of receiving the intent notification to ensure compliance with College and applicable local or federal rules and regulations.

A Distinction in Research is available for highly motivated students. Entry into the Distinction pathway is available to first year students who are ranked in the top quartile of their class. Completion of the distinction program requires 1) application and acceptance into the pathway, 2) participation in the Summer Research Experience, 3) enrollment and successful completion in Summer Research Directed Studies course, 3) enrollment and completion of one non-clinical research elective during year 3 or 4, 4) approval of a final research report by the student’s advisory committee, and 5) presentation of research findings in a public forum. Students successfully completing the requirements will receive an annotation

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on their academic transcript denoting they have completed the Doctor of Osteopathic Medicine with a Distinction in Research.

The College recognizes that research and creative scholarship may lead to the generation of intellectual property. Students may be owners of intellectual property under certain conditions. Please see the College's Intellectual Property policy which provides guidance in defining the ownership, protection, and transfer of intellectual property:

<https://burrell.edu/policy-b8550/>

Students wishing to pursue research and creative scholarly activities should be in good academic standing. All research and scholarly activities require prior approval from the Office of Research and Sponsored Programs. Please visit the College website for more information:

<https://burrell.edu/research/>

Student research activities must be under the direction of a member of the College faculty who bears sole responsibility for the conduct and outcome of the scholarly work. Study methods and outcomes including data shall remain the intellectual property of the College and its faculty and may not be used or reproduced by students for material gain, application, or independent publication without the expressed written consent of the College.