



Course Name: Research Independent Study
Course Number: RIS9002
Semester Offered: Fall (OMS-II)

Course Meeting Day(s), Time, and Location: This course is independent study for research and scholarly activity. Students beginning their OMS-II year are eligible to spend a minimum of 40 hours during the fall semester engaged in a research project under the supervision of an ICOM faculty member. Course requirements must be completed as listed in the schedule between July 31, 2023 and December 15, 2023.

Course Director: Michael Wells, PhD
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Course Co-Director: Jay Kammer, MD
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Instructor Information: Any full-time ICOM faculty member with a research appointment.

Faculty Member	Specialty	Email Address
Jenifer Barry, MD	Internal Medicine	jbarry@idahocom.org
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Nasir Butt, MD, PhD	Pathology	nbutt@idahocom.org
Brad Chadwell, PhD	Biology	bchadwell@idahocom.org
Stephanie Child, PhD	Anthropology	schild@idahocom.org
Sarah Davis, DO	Family Medicine and Osteopathic Manipulative Treatment	sdavis@idahocom.org
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Jessica Ziebarth, DO	Physical Medicine and Rehabilitation	jziebarth@idahocom.org

Course Description: An independent student-driven research or scholarly project in the fields of basic biomedical and clinical sciences, osteopathic principles and practice, community health, and medical science education performed under the guidance and mentorship of an experienced faculty member. The course is designed to provide students with an opportunity to contribute to the development of new scientific and medical knowledge with their own original research or scholarship.

Course Goals and Learning Objectives: The goal of this course is to allow students to gain experience in pursuing independent research or scholarly activity under the mentorship of a faculty mentor. Students will master their skills to search and critically evaluate the literature, independently design, perform and analyze experiments, test new hypotheses, troubleshoot experiments and develop the necessary skills to present their research or scholarly accomplishments.

Texts and Resources: Readings and literature searches will be assigned by the instructor.

Course Schedule: Instructors will develop a customized research plan and schedule that includes a minimum of 40 hours of research activities.

Assignments and Activities: Students will be required to complete activities as directed by the course director or instructor. These assignments may include literature review, data collection, data analysis, developing study designs or methods, laboratory procedures, poster presentation, manuscript composition, or other scholarly activity approved by the instructor. Students will also summarize what they learned during the course in a written document.

Assessment and Grading: There are two required assignments in this elective: 1) 40 hours of research activity demonstrated through an hourly log and 2) a written summary report of the

research activities, including the tasks performed, knowledge gained, and future opportunities to apply the research. The instructor will review each assignment for satisfactory completion.

Pass/Fail Grading:

The grade the student receives will be determined by satisfactorily completing each of the two assignments. A P will be awarded if 40 hours of research activity are completed, the written summary is approved by the instructor, and both mentor-signed and dated documents are uploaded by the student doctor to their respective assignment items in Leo by 11:59PM Mountain Time on the final date of the course. Students who do not complete these two requirements will be dropped from the course and will not receive credit.

Note: An incomplete grade will only be awarded as described in the College Catalog.

Remediation Policy: Students who do not satisfy the course requirements by the end date of the course will be dropped from the course without penalty and no remediation will be offered. Proposals to remediate the course between the last day of the course and the remediation date for the current semester must be submitted to the course director, with faculty mentor approval, before the last day of the course. Remediation proposals will be considered by the course director on a case-by-case basis and may involve discussions with the student doctor(s) involved, the faculty mentor, the course director and co-director, Academic Affairs, and the Registrar.

Expectations for Students: Students are responsible for all official college communications, including attachments, transmitted to their ICOM email address and are expected to check the Learning Management System (LMS) course site on a daily basis for important course information. Students are expected to conduct themselves in a professional and ethical manner befitting the honorable profession they are entering while at ICOM, its affiliated hospitals, and any location where ICOM students pursue activities for academic credit. All procedures regarding conduct, including computer conduct, will be followed as outlined in the College Catalog.

It is expected that all assignments submitted by student doctors in this course represent their own original work completed by undertaking scholarly pursuits (including, but not limited to, interpreting published literature, conducting a research survey, conducting laboratory experiments, completing clinical tasks) and incorporating input from faculty mentors. Cheating [providing or receiving any unauthorized assistance or unfair advantage (including use of artificial intelligence to create assignment items) on any form of academic work, sharing information from testing/exams or attempt thereof], plagiarism (copying the language, structure, ideas, or algorithms of others and representing it as one's own work or any attempt thereof), and falsification (fabrication of information or attempt thereof, including but not limited to clinical requirements, internships, and assignments such as histories, physicals, laboratory experiments or tests, rotation records, literature citations, etc.), will be subject to strict disciplinary action. Since these rules are strictly enforced, it is the student doctor's responsibility to avoid any appearance of academic dishonesty.

Disruptive behavior in class will not be tolerated. This includes behavior that others find unwelcome or offensive and any inappropriate etiquette or inappropriate disturbance repeated often enough to establish a disrespectful trend, including but not limited to the following: arriving late for class or leaving class while in progress; disrupting class with cellular phones, computers, loud talking, and leaving trash in classrooms or academic areas or other activities that create a distraction.

Any violation of the acceptable technology use guidelines as published by the ICOM IT department will not be tolerated. Lectures and videos contain confidential and proprietary information and material protected by intellectual property laws. Students do not have permission to share them. All instances of suspected misconduct by a student will be reported to the Professionalism and Academic Review (PAR) Committee.

Students participating in laboratory research are expected to complete all training before being given access to the lab.

For a full description of all academic policies and procedures please review the College Catalog.

Course Attendance Policy: Attendance requirements are determined by the instructor.

Academic Coaching: Medical school poses some unique learning challenges. Many students feel overwhelmed by the sheer amount of material, and some realize their usual study habits won't be enough to meet those challenges. ICOM Students have access to free academic coaching through the learning specialist. They can help with study and reading strategies, test taking skills, problem solving, time management, and stress reduction. Students are encouraged to proactively get help; however, the learning specialist can help at any point in the school year. For more information or an appointment, email learningspecialist@idahocom.org or visit the academic support page on the ICOM website.

Accommodation and Special Needs: ICOM will make any reasonable adaptations for limitations due to any disability, including learning disability, in keeping with its policies and the College Catalog. Any students with documented disabilities, including learning disabilities, who desire modifications and/or accommodations should contact student services. No accommodations will be made without prior approval through ICOM's process.

Retention of Examinations and Assignments: Examinations, quizzes, papers, and assignments are educational records of ICOM. Copies of student examinations and assignments not returned to students will be retained by ICOM for one semester, in case of dispute between a faculty member and a student in assigning or recording a grade. After that time, course materials may be discarded in a manner that preserves student confidentiality.

Email Policy: Students are issued an official ICOM student email address when they are admitted to the college. This is the only electronic mailing address recognized by the college. Students are responsible for all official college communications, including attachments, transmitted to this address. ICOM faculty and staff are not responsible for forwarding email to personal email accounts that are not assigned by the college. Students are expected to check their ICOM email on a daily basis.

Title IX Syllabus Statement: Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex in college programs and activities. Sexual harassment, including sexual violence and retaliation are forms of discrimination prohibited by Title IX and ICOM policy. For more information, please go to www.idahocom.org and click on the link for the Title IX, anti-harassment and sexual harassment policy. To make a report or request information regarding resources and support contact the Title IX Compliance Officer, Title IX Coordinator, Luke Mortensen, PhD at 208-795-4367 or lmortensen@idahocom.org.

Student Evaluation of Course: Online evaluation forms and/or other modalities will be used to evaluate student perceptions of the course and satisfaction with faculty instruction. The purpose is to provide important feedback designed to improve instruction.

Disclaimer note: The course director reserves the right to change the information and requirements listed in this syllabus and will communicate any changes to students.