



## 2023 Anatomy Research Program- Call for Applications

The ICOM A-Team is seeking student research assistants interested in participating in one of several research projects related to anatomical variation.

### Project Summary:

Each research project will include background literature review, data collection/analysis, write-up and presentation.

- Student research assistants will meet with the respective Faculty Principal Investigator (PI) of the study to complete a relevant literature review during the Summer of 2023.
- Data will be collected from cadaveric donors dissected during the Fall 2023 Gross Anatomy course. Data collection methods may include a combination of qualitative and quantitative measurements relevant to the specific research objectives.
- Data analysis and write-up will begin Spring 2024, or after all data have been collected. Results will be submitted for presentation (and publication, if appropriate).

### Who is Eligible?

In an effort to spread research opportunities more equitably among student doctors, you may not be enrolled in another research project for consideration in this program. Individuals on academic or conduct probation are not eligible.

### Requirements of the ARP:

*(Note: These are the program requirements. If selected to participate, your faculty PI will reach out to you with further information regarding these requirements).* Student research assistants will be required to:

- Register for and complete all requirements of the Research Independent Study (RIS) for the Summer and Fall semesters of 2022 (~40 hrs per semester). Dr. Wells (course director for RIS) will send out an email with more details when it is time to register for this course.
- Complete the CITI training module, "Responsible Conduct of Research".
- Submit an abstract for and present at ICOM's Research Day 2024.

### Expectations of Student Researchers:

Student research assistants are expected to:

- Engage and actively participate in all aspects of the research study: literature review, data collection, data analysis, write-up and presentation.
- Invest adequate and appropriate time toward the completion of the study.
- Follow the research guidance and direction provided by the Faculty Principal Investigator.

### Student Outcomes:

- Students will participate in every aspect of the research project, from inception to presentation, thereby gaining a better understanding and appreciation of the research process. We hope this instills a further appreciation of intellectual curiosity and discovery.
- Student will receive a notation on their transcripts that they participated in a research study.
- Students will receive a stipend for their participation for up to 100 total hours over the course of the project at \$19 per hour (maximum \$1900).

## 2023 PROJECTS:

We are seeking student research assistants to support one of several broad studies. The number of students per project and the associated PI is indicated below.

- A) **Post-cranial musculoskeletal variation in relation to clinical correlates, and possibly informing patient outcomes**
  - 2 students, Dr. Child
- B) **Cranio-facial variation, including cranial nerves, possibly in relation to innervation of dura mater and/or herpes/neuralgia**
  - 2 students, Dr. Maley
- C) **Vascular variation in relation to heart bypass grafting**
  - 2 students, Dr. Maley
- D) **Relationship between variation among musculoskeletal features of the individual or other clinically relevant presentations**
  - 2 students, Dr. Chadwell
- E) **Anatomical variation informing surgical and anesthetic reference points and/or anatomical consequences of antemortem tooth loss**
  - 2 students, Dr. Locke

## HOW TO APPLY

- Submit a single, brief **Letter of Intent**, indicating the following:
  1. Please indicate if you are applying for other research programs, and if so, which? (**Eligibility requirement cross-check**)
  2. Which area of study listed above (**A-E**) interests you most? Is there a second choice for which you would like to be considered?
  3. Why you are interested in **anatomical** research, specifically as opposed to other research opportunities at ICOM?
  4. In 250 words or less, write a **brief proposal/idea** for your study  
**Note:** *Applications that do not address all of these intentions are not eligible for consideration.*
- Please email your submission to Ms. Alycia Dickman ([adickman@idahocom.org](mailto:adickman@idahocom.org)) on or before **March 31st, 2023 at 11:45pm MST**.
- **IMPORTANT: Please** title your submission using the following format: “ARP23\_last name, first name\_area of study” in the subject line and document title/upload. For example, “ARP23\_Smith, John\_C”.
- The A-Team will contact selected applicants via email no later than April 15th.