

CBSD Core Facility Graduate Fellowships

Due Date:

Applications are accepted on a rolling basis

University of Montana graduate students in the chemical, biomolecular and biomedical sciences are invited to participate in the Core Facility Graduate Fellowship Program of the Center for Biomolecular Structure and Dynamics (CBSD).

Participating graduate students will obtain intensive hands-on training in any one of the CBSD Research Core Facilities (<https://www.umt.edu/center-biomolecular-structure-dynamics/facilities/default.php>):

- BioSpectroscopy Core Research Lab (BCRL);
- Integrated Structural Biology Core (ISBC);
- Mass Spectrometry Core Facility (MSCF);
- Molecular Computation Core Facility (MCCF)
- Small Molecule X-ray Diffraction Core Facility (SMXDC).

Fellows will devote 50% of their total research effort in conducting Core facility-associated research projects. This may include Core-related work on the fellow's dissertation research, but substantial effort must also be devoted to other service activities of the Core.

Fellows will receive 50% of their graduate stipend from the CBSD Fellowship program for a twelve month period. The fellowship will also cover 50% of the tuition waiver. Fellowships will normally be set to coincide with the academic calendar to be in sync with typical graduate contract periods: Autumn, Spring or Summer TARA contract periods. The period of the fellowship can be for one semester, two semesters or an entire year.

Applications are encouraged from senior graduate students who have advanced to candidacy in their graduate programs or have completed the bulk of their academic class requirements.

Prospective applicants must have the approval of their graduate mentors and the director of the core facility of interest (<https://www.umt.edu/center-biomolecular-structure-dynamics/facilities/default.php>) to participate in the program. Applicants must discuss with the core director their expectations for training and research while conducting a

fellowship with the core facility.

To apply, submit items 1-5 to Mara Baldwin (mara.baldwin@mso.umt.edu) as a single PDF file:

- 1) The Core facility with which you would like to work and the proposed term of the fellowship (indicate the proposed semesters, fall, spring, summer)
- 2) The graduate program in which you are enrolled and the date on which you entered the program.
- 3) Describe your current progress towards the Ph.D. Specifically, have you advanced to candidacy for the Ph.D. degree (typically, this requires that you have passed your oral and written out-of-field exam) and have completed all academic coursework, and if not, describe the requirements that remain to be fulfilled.
- 4) Describe the background, experience and interests that motivate you to apply for a fellowship with the selected core facility. Explain what you expect to learn, and what skills you hope to gain from your experience as a Core Fellow. Does your current Ph.D. research involve work with the Core Facility that you have chosen? Briefly describe this research (or planned research). You will be expected to provide substantial assistance to the core director and staff with projects that are not related to your dissertation project. You should confirm in writing that you are willing to participate in other projects that the Core Facility is conducting.
- 5) Provide an up-to-date *unofficial* UM transcript.
- 6) Request a letter of support from your Ph.D. supervisor indicating acceptance of the terms of the fellowship. This letter of support should be submitted by the mentor via email directly to Mara Baldwin (mara.baldwin@mso.umt.edu) when you submit your application.
- 7) Request a letter of support from the core director and manager (they may co-sign) indicating their interest in mentoring you as a Core Research Fellow. The letter of support should be submitted by the director/manager directly to Mara Baldwin via email (mara.baldwin@mso.umt.edu) when you submit your application.

We can award up to two fellowships during each academic year. Typically, decisions will be made within one week of receipt of the application.