



MOLECULAR MEDICINE & MECHANISMS OF DISEASE

Molecular Medicine & Mechanisms of Disease (M3D) Ph.D. Program



Grad Student Leslie Caromile

The University of Washington (UW) M3D Ph.D. Program trains students to use advances in basic sciences to solve problems relevant to human disease; and to use insights from human disease processes to solve fundamental biological problems. Three core courses focus on mechanisms of disease, the impact of basic science on medicine, and human genetics, providing a rigorous intellectual foundation. Each student participates in Chief of Medicine rounds, and in a mentored clinical rotation, in the broad area of human genetics or in a more focused area relevant to the student's thesis research. Students also choose electives reflecting their own interests from the deep and varied menu offered by UW basic science and engineering departments. Thesis research is supervised by two mentors

— a basic scientist and a clinical scientist. Students complement their experimental work with exposure to relevant problems in the clinic. Faculty mentors are recruited from the UW departments of Pathology, Medicine, and Pediatrics, and are located throughout the UW campuses, Seattle Children's Research Institute, and the Fred Hutchinson Cancer Research Institute. The M3D Program is designed for students to complete Ph.D. training in five years, ready to take the next step in careers in academia, biotech, the pharmaceutical industry, education, publishing and public policy.

Applying to the M3D Ph.D. Program

1. Create an application online through the UW Graduate School website: <https://grad.uw.edu/admissions/apply-now/>.
 - Select *Pathology* from the menu of departments/programs – the administrative home of the interdepartmental M3D program.
 - Complete all sections of the application.
 - Upload unofficial transcripts.
 - Self-report GRE scores.
 - Letters of reference: the application will ask you to identify those who will be submitting letters on your behalf and provide their email addresses. The application system will contact them automatically with instructions about how to submit their letters. Be sure you contact them first to confirm that they are willing and able to provide a recommendation.
2. Pay the application fee online using a Mastercard or Visa debit/credit card. For current information about the fee and fee waivers, please see the Graduate School Application Information page. Please note that the fee is assessed by the Graduate School, not the M3D program. The M3D program therefore cannot approve fee waivers; all requests must be made directly to the Graduate School.
3. Have your official GRE score report submitted directly by ETS. The UW Institution Code is 4854.
4. For international or ESL applicants only, a Certified TOEFL Score Report must be submitted directly by ETS. The UW Institution Code is 4854.
5. All materials must be received by **December 3, 2018**.
6. Top candidates will be contacted for interviews.
7. Admissions decisions will be made by late February or early March 2019.

The Molecular Medicine and Mechanisms of Disease (M3D) Ph.D. Program is committed to recruiting diverse participants, including students with a broad spectrum of scientific interests, students from underrepresented racial and ethnic groups, students with physical or mental impairments that limit any major life activity, and students from economically or educationally disadvantaged backgrounds. Additional information about resources for student applicants with disabilities is available on the (DRS) website: <http://depts.washington.edu/uwdrs/>.