NEUROSCIENCE, PH.D.

The Neuroscience Training Program (NTP) was established in 1971. Currently, it comprises more than 80 faculty members whose research interests range from molecular neurobiology to integrative systems. The program is designed to prepare students for careers in research and teaching. On average the number of students in the program is approximately 55. The program is best suited for students who are independent and wish to take a direct role in determining their graduate education. Training leads to the Ph.D. degree in neuroscience or the M.D./Ph.D. degree in cooperation with the School of Medicine and Public Health.

The doctoral program of each graduate student in the training program is tailored to meet individual needs. Each student’s program is supervised by an advisory committee of faculty members selected by the student in consultation with the major professor. During the first year students complete three laboratory rotations.

The central forum for intellectual exchange in the program is a neuroscience seminar, which meets weekly and is attended by neuroscience students and faculty. During an academic year, members of the program choose topics in current neuroscience research for consideration. Topics are reviewed intensively in study groups supervised by faculty sponsors. Critical summaries of each topic are then presented by students to participants in the seminar as a series of lectures and discussions. Each three- to four-week topic session concludes with a lecture by an outside invited speaker who is well known for his or her research in the topic area. In the course of every three- to four-year period, most of the major research areas in neuroscience are reviewed in the neuroscience seminar; consequently, students become familiar with the breadth of contemporary neuroscience.

The average time taken by students to complete the Ph.D. degree is five years. The program prepares students for careers primarily in research and teaching in universities and colleges and careers outside of academia. Of the more than 200 students who have earned the Ph.D. degree in the program, more than 95 percent have careers in biomedical science.

NEUROSCIENCE & PUBLIC POLICY PROGRAM

The Neuroscience & Public Policy Program (N&PP) offers three integrated degree pathways with the cooperation of the Neuroscience Training Program, the La Follette School of Public Affairs, and the University of Wisconsin–Madison Law School. The N&PP is based on two strongly held beliefs: first, that sound science and technology policy and law are essential for the well-being of societies; second, that a step toward ensuring such policy is to train future scientists in the making of public policy or the law and prepare them to participate in bringing science and society closer together.

The program offers students the opportunity to earn a Ph.D. degree in neuroscience as well as a master of public affairs (MPA), a master of international public affairs (MIPA), or juris doctorate (J.D.). In each of the degree tracks, the program brings together faculty from neuroscience, public policy, bioethics, sociology, law, and other related fields to train research neuroscientists who will be qualified to help shape public policy or the law. The cross-disciplinary training combines didactic and laboratory research training in neuroscience with a classroom-based and hands-on education in public policy or the law.

For more information about the double and dual degree tracks offered through the neuroscience and public policy program, including admissions and program requirements, please visit the program website (https://npp.wisc.edu/).

ADMISSIONS

Please consult the table below for key information about this degree program’s admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program’s website.

Graduate admissions is a two-step process between academic programs and the Graduate School. Applicants must meet the minimum requirements (https://grad.wisc.edu/apply/requirements/) of the Graduate School as well as the program(s). Once you have researched the graduate program(s) you are interested in, apply online (https://grad.wisc.edu/apply/).

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Deadline</td>
<td>December 1</td>
</tr>
<tr>
<td>Spring Deadline</td>
<td>The program does not admit in the spring.</td>
</tr>
<tr>
<td>Summer Deadline</td>
<td>The program does not admit in the summer.</td>
</tr>
<tr>
<td>GRE (Graduate Record Examinations)</td>
<td>Not required.</td>
</tr>
<tr>
<td>English Proficiency Test</td>
<td>Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements (<a href="https://grad.wisc.edu/apply/requirements/#english-proficiency">https://grad.wisc.edu/apply/requirements/#english-proficiency</a>).</td>
</tr>
<tr>
<td>Other Test(s) (e.g., GMAT, MCAT)</td>
<td>n/a</td>
</tr>
<tr>
<td>Letters of Recommendation Required</td>
<td>3</td>
</tr>
</tbody>
</table>

Details about the Neuroscience Training Program admissions process can be found here (https://ntp.neuroscience.wisc.edu/admissions-requirements/).

FUNDING

GRADUATE SCHOOL RESOURCES

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information (https://grad.wisc.edu/funding/) is available from the Graduate School. Be sure to check with your program for individual policies and restrictions related to funding.

PROGRAM RESOURCES

Each student receives a stipend that covers tuition, fees, living costs, and health insurance and is guaranteed for five years if progress is satisfactory. Financial support is provided from the Program’s NIH training grant,
fellowships, and faculty research grants. Limited support is available for international students.

Our program also works with students to submit proposals for fellowships. For more information on those funding opportunities please visit our website (https://ntp.neuroscience.wisc.edu/funding-opportunities/).

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

### MAJOR REQUIREMENTS

#### MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**Mode of Instruction Definitions**

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

**Evening/Weekend:** Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW-Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

### CURRICULAR REQUIREMENTS

**Requirement Detail**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit</td>
<td>51 credits</td>
</tr>
<tr>
<td>Minimum Residence</td>
<td>32 credits</td>
</tr>
<tr>
<td>Minimum Graduate</td>
<td>26 credits must be graduate-level coursework. Details can be found in the Graduate School's Minimum Coursework Requirement Policy: <a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a> (<a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a>)</td>
</tr>
</tbody>
</table>

**REQUIREMENTS**

**Overall Graduate GPA Requirement**

3.00 GPA required. This program follows the Graduate School’s policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).

**Other Grade Requirements**

n/a

**Assessments and Examinations**

Candidates must meet with their advisory committee once per semester until they become a dissertator and then once per year thereafter.

The preliminary examination consists of two papers: a dissertation proposal, and a critical research paper unrelated to the proposal. The preliminary examination should be completed by the end of the second summer of graduate study. Students who fail one or both parts of the preliminary examination may retake the examination within two months. Failure to pass the examination the second time will result in dismissal from the program.

The final dissertation must be submitted to the advisory committee and an oral defense of the thesis must be given. The thesis defense consists of a public presentation of the thesis followed by a closed meeting with the advisory committee. Deposit of the doctoral dissertation in the Graduate School is required.

**Language Requirements**

No language requirements.

**Graduate School Breadth Requirements**

Completion of a doctoral minor or graduate/professional certificate is not required of students in the NTP doctoral program.

### REQUIRED COURSES

#### Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTP/NEURODPT 610</td>
<td>Cellular and Molecular Neuroscience</td>
<td>10</td>
</tr>
<tr>
<td>NTP/NEURODPT/PSYCH 611</td>
<td>Systems Neuroscience</td>
<td></td>
</tr>
<tr>
<td>NTP 700</td>
<td>Professional Development for Biomedical Graduate Students</td>
<td></td>
</tr>
<tr>
<td>NTP 701</td>
<td>Experimental Design and Statistical Methodology</td>
<td></td>
</tr>
</tbody>
</table>

#### One Mid-level Molecular/Cellular/Developmental Neuroscience Course

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOCHEM/PHMCOL-M/ZOOLOGY 630</td>
<td>Cellular Signal Transduction Mechanisms</td>
</tr>
<tr>
<td>B M E/MED PHYS/PHMCOL-M/PHYSICS/RADIOL 619</td>
<td>Microscopy of Life</td>
</tr>
<tr>
<td>NTP/NEURODPT 629</td>
<td>Molecular and Cellular Mechanisms of Memory</td>
</tr>
<tr>
<td>NTP/NEUROL 735</td>
<td>Neurobiology of Disease</td>
</tr>
<tr>
<td>NTP 670</td>
<td>Stem Cells and the Central Nervous System</td>
</tr>
</tbody>
</table>
NTP 675  Special Topics
NTP/NEURODPT/ ZOOLOGY 765
PHMCOL-M 781 Molecular and Cellular Principles in Pharmacology
ZOOLOGY 604 Computer-based Gene and Disease/Disorder Research Lab

One Mid-level Systems/Behavioral Neuroscience Course
B M E 601 Special Topics in Biomedical Engineering
CS&D 850 Hearing Science I: Basic Acoustics and Psychoacoustics
COMP SCI/B M I/ PSYCH 841 Computational Cognitive Science
KINES 713 Neural Basis of Normal and Pathological Movement
KINES 721 Neural Basis for Movement
KINES 861 Principles of Motor Control and Learning
NTP 677 Basic Sleep Mechanisms and Sleep Disorders: from Neurobiology to Sleep Medicine
NTP 675 Special Topics
NTP/ MED PHYS 651 Methods for Neuroimaging Research
PSYCH 711 Current Topics in Psychology ¹
PSYCH 733 Perceptual and Cognitive Sciences ²
PSYCH 954 Seminar-Physiological Psychology
PSYCH 918 Seminar-General Psychology

Seminar
NTP 900 Neuroscience Seminar: Current Topics in Neurobiology

Students in our program are expected to be enrolled in NTP 900 every Fall/Spring semester.

Research Credits
NTP 990 Research and Thesis

Students in our program are expected to be enrolled in NTP 990 every Fall/Spring/Summer semester. When students enroll in NTP 990, they should plan to enroll for the appropriate number of credits to reach the minimum required credits each semester to have full-time student status. ³

Other advanced courses or additional research credits as recommended by the advisory committee to meet minimum credit requirements.

Total Credits 51+

¹ PSYCH 711 is a special topics course. The following topics under this course listing are approved to take and will count as a midlevel:
• Cognitive Neuroscience of Attention and Memory
• Introduction to Neural Network Modeling of Cognition

² Two PSYCH 733 courses (8 weeks each) must be taken to meet the Mid-level Systems/Behavioral Neuroscience requirement. The following course topics are approved:
• Cognitive Neuroscience of Reading and Dyslexia
• Knotty Problems in Psycholinguistics

³ See “Credits Per Term Allowed” policy (http://guide.wisc.edu/graduate/medicine-public-health-school-wide/neuroscience-phd/#policiestext) for further information on full-time registration.

**Policies**

**Graduate School Policies**
The Graduate School’s Academic Policies and Procedures (https://grad.wisc.edu/acadpolicy/) provide essential information regarding general university policies. Program authority to set degree policies beyond the minimum required by the Graduate School lies with the degree program faculty. Policies set by the academic degree program can be found below.

**Major-Specific Policies**

**Prior Coursework**

**Graduate Work from Other Institutions**
With program approval, credits from former graduate institutions may be allowed to count toward degree. Coursework earned ten years or more prior to admission to a doctoral degree is not allowed to satisfy requirements.

**UW–Madison Undergraduate**
With program approval credits from graduate-level courses (numbered 300 or above and with the graduate attribute) taken as an undergraduate at UW–Madison may be allowed to count toward degree up to 7 credits. Coursework earned ten years or more prior to admission to a doctoral degree is not allowed to satisfy requirements.

**UW–Madison University Special**
With program approval, coursework numbered 300 or above taken as a UW–Madison Special student may be allowed to count toward the degree up to 15 credits. Coursework earned ten years or more prior to admission to a doctoral degree is not allowed to satisfy requirements.

**Probation**
Failure to pass the preliminary examination before the start of the spring semester of the third year will result in being placed on probation. Two consecutive semesters of enrollment on probation precludes continuation in the program.

**Advisor/Committee**
An advisory committee of five or more tenure-track or tenured faculty members will oversee your graduate education. During the first year, before an advisory committee has been formed and a major professor selected, the First-Year Advisory Committee will serve as your advisor. The First-Year Advisory Committee will help you select courses, laboratory rotations, and your major professor, and they can assist you with other issues that may arise during the first year.

After you have chosen a lab, your major professor will help you in choosing the other members of your advisory committee. Choose this committee
For each meeting you have there is a required form you must fill out to find
you are required to have one meeting per year until your thesis defense.
Once a committee is formed you are required to have a committee
on the
Handbook
(by your advisory committee. An
which will assist you in deciding whether to ask for a review by the
be achieved, you should inform the First-Year Advisory Committee,
your major professor immediately. If a satisfactory resolution cannot
report does not describe your progress accurately or is in error in some
record. The summary reports are used by the steering committee,
you and your major professor and becomes part of your permanent
discuss it with your major professor. Every report
and will write a
progress. At least four members of the committee must be present
and once each year after you become a dissertator to review your
committee. Examples of different areas include behavior/cognition,
development, synaptic transmission/membrane excitability. Examples of
different approaches include electrophysiology, genetic/model organisms,
biochemistry/pharmacology, human brain imaging, stem cells. The student
is responsible for describing how the proposed committee represents
at least three areas/approaches. The composition of each student’s
advisory committee will be reviewed and must be approved by the First-
Year Advisory Committee. All changes to the makeup of your advisory
committee, must be approved by the First-Year Advisory Committee.
N&PP students are required to have at least one member of the N&PP
Steering Committee represented on their thesis advisory committee.
In order to have your committee approved you must fill out and turn in the
NTP Advisory Committee Approval Form ([https://ntp.wiscweb.wisc.edu/wp-content/uploads/sites/81/2017/02/NTP-ADVISORY-COMMITTEE-APPROVAL-FORM.doc](https://ntp.wiscweb.wisc.edu/wp-content/uploads/sites/81/2017/02/NTP-ADVISORY-COMMITTEE-APPROVAL-FORM.doc)) which is found on the NTP website ([https://ntp.neuroscience.wisc.edu/forms/](https://ntp.neuroscience.wisc.edu/forms/)). After you return the form to the NTP office, the First-Year Advisory Committee will review your proposed committee and approve your committee or make suggestions for additional members to ensure a broad perspective.
The advisory committee will meet with you once each semester before you
become a dissertator (during the first four or five academic semesters) and
once each year after you become a dissertator to review your progress. At least four members of the committee must be present
at each meeting. Your major professor chairs the advisory committee and will write a report ([https://ntp.wiscweb.wisc.edu/wp-content/uploads/sites/81/2017/10/Advisory-Committee-Report-12.12.14.doc](https://ntp.wiscweb.wisc.edu/wp-content/uploads/sites/81/2017/10/Advisory-Committee-Report-12.12.14.doc)) that summarizes each meeting. You should review each report and discuss it with your major professor. Every report must be signed by you and your major professor and becomes part of your permanent record. The summary reports are used by the steering committee, program faculty, and director to monitor progress. If you believe the report does not describe your progress accurately or is in error in some other respect, you should bring these concerns to the attention of your major professor immediately. If a satisfactory resolution cannot be achieved, you should inform the First-Year Advisory Committee, which will assist you in deciding whether to ask for a review by the steering committee. The First-Year Advisory Committee can handle any issues or problems that arise after the first year and are not resolved by your advisory committee. An Advisory Committee Report form ([https://ntp.wiscweb.wisc.edu/wp-content/uploads/sites/81/2017/10/Advisory-Committee-Report-12.12.14.doc](https://ntp.wiscweb.wisc.edu/wp-content/uploads/sites/81/2017/10/Advisory-Committee-Report-12.12.14.doc)) is shown in the appendix of the Handbook ([https://ntp.wiscweb.wisc.edu/handbook/](https://ntp.wiscweb.wisc.edu/handbook/)) and can be found on the NTP website ([https://ntp.neuroscience.wisc.edu/forms/](https://ntp.neuroscience.wisc.edu/forms/)).
Once a committee is formed you are required to have a committee meeting every semester until you become a dissertator. As a dissertator you are required to have one meeting per year until your thesis defense.
For each meeting you have there is a required form you must fill out to find those forms see this link ([https://ntp.neuroscience.wisc.edu/forms/](https://ntp.neuroscience.wisc.edu/forms/)).

**CREDITS PER TERM ALLOWED**
Full-time registration is required of all students in the program during the full and spring semesters. The Graduate School considers full-time registration for students who are not dissertators (please see below) to be 8–15 graduate–level credits (level 300 and above, no audits or pass-fail) during each of the fall and spring semesters. Though the maximum number of credits is 15, we strongly encourage students to enroll for a maximum of 12 credits. In the summer, students in the program who are not dissertators may register for 2 credits during the 8-week summer session, which is not considered full-time registration. If you decide to register for 2 research credits, you are responsible for knowing about other obligations that may be affected by part-time registration in the summer, such as visa regulations or those of certain funding agencies that may require continuous full-time registration for the calendar year (see Graduate School Academic Guidelines for additional caveats). You are eligible to become a dissertator after you have passed the program’s preliminary examination and have met the Graduate School’s residency requirements.

**TIME LIMITS**
The final dissertation must be completed by the end of the fifth academic year. If the dissertation is not completed by the end of the summer following the sixth academic year, the student’s advisory committee must meet with the steering committee to present a written statement explaining why the dissertation has not been completed.

**GRIEVANCES AND APPEALS**
These resources may be helpful in addressing your concerns:

- Bias or Hate Reporting ([https://doso.students.wisc.edu/bias-or-hate-reporting/](https://doso.students.wisc.edu/bias-or-hate-reporting/))
- Graduate Assistantship Policies and Procedures ([https://hr.wisc.edu/policies/gapp/#grievance-procedure](https://hr.wisc.edu/policies/gapp/#grievance-procedure))
- Hostile and Intimidating Behavior Policies and Procedures ([https://hr.wisc.edu/hib/](https://hr.wisc.edu/hib/))
  - Office of the Provost for Faculty and Staff Affairs ([https://facstaffprovost.wisc.edu/](https://facstaffprovost.wisc.edu/))
- Dean of Students Office ([https://doso.students.wisc.edu/](https://doso.students.wisc.edu/)) (for all students to seek grievance assistance and support)
- Employee Assistance ([http://www.eao.wisc.edu/](http://www.eao.wisc.edu/)) (for personal counseling and workplace consultation around communication and conflict involving graduate assistants and other employees, post-doctoral students, faculty and staff)
- Employee Disability Resource Office ([https://employeedisabilities.wisc.edu/](https://employeedisabilities.wisc.edu/)) (for qualified employees or applicants with disabilities to have equal employment opportunities)
- Graduate School ([https://grad.wisc.edu/](https://grad.wisc.edu/)) (for informal advice at any level of review and for official appeals of program/departmental or school/college grievance decisions)
- Office of Compliance ([https://compliance.wisc.edu/](https://compliance.wisc.edu/)) (for class harassment and discrimination, including sexual harassment and sexual violence)
- Office of Student Conduct and Community Standards ([https://conduct.students.wisc.edu/](https://conduct.students.wisc.edu/)) (for conflicts involving students)
- Ombuds Office for Faculty and Staff ([http://www.ombuds.wisc.edu/](http://www.ombuds.wisc.edu/)) (for employed graduate students and post-docs, as well as faculty and staff)
- Title IX ([https://compliance.wisc.edu/titleix/](https://compliance.wisc.edu/titleix/)) (for concerns about discrimination)
Grievance Policy for Graduate Programs in the School of Medicine and Public Health

Any student in a School of Medicine and Public Health graduate program who feels that they have been treated unfairly in regards to educational decisions and/or outcomes or issues specific to the graduate program, including academic standing, progress to degree, professional activities, appropriate advising, and a program’s community standards by a faculty member, staff member, postdoc, or student has the right to complain about the treatment and to receive a prompt hearing of the grievance following these grievance procedures. Any student who discusses, inquiries about, or participates in the grievance procedure may do so openly and shall not be subject to intimidation, discipline, or retaliation because of such activity. Each program’s grievance advisor is listed on the “Research” tab of the SMPH intranet (https://intranet.med.wisc.edu/).

Exclusions

This policy does not apply to employment-related issues for Graduate Assistants in TA, PA and/or RA appointments. Graduate Assistants will utilize the Graduate Assistantship Policies and Procedures (https://hr.wisc.edu/policies/gapp/) (GAPP) grievance process to resolve employment-related issues.

This policy does not apply to instances when a graduate student wishes to report research misconduct. For such reports refer to the UW-Madison Policy for Reporting Research Misconduct for Graduate Students and Postdoctoral Research Associates (https://research.wisc.edu/kb-article/?id=84924).

Requirements for Programs

The School of Medicine and Public Health Office of Basic Research, Biotechnology and Graduate Studies requires that each graduate program designate a grievance advisor, who should be a tenured faculty member, and will request the name of the grievance advisor annually. The program director will serve as the alternate grievance advisor in the event that the grievance advisor is named in the grievance. The program must notify students of the grievance advisor, including posting the grievance advisor’s name on the program’s Guide page and handbook.

The grievance advisor or program director may be approached for possible grievances of all types. They will spearhead the grievance response process described below for issues specific to the graduate program, including but not limited to academic standing, progress to degree, professional activities, appropriate advising, and a program’s community standards. They will ensure students are advised on reporting procedures for other types of possible grievances and are supported throughout the reporting process. Resources (https://grad.wisc.edu/current-students/#reporting-incidents) on identifying and reporting other issues have been compiled by the Graduate School.

Procedures

1. The student is advised to initiate a written record containing dates, times, persons, and description of activities, and to update this record while completing the procedures described below.
2. If the student is comfortable doing so, efforts should be made to resolve complaints informally between individuals before pursuing a formal grievance.
3. Should a satisfactory resolution not be achieved, the student should contact the program’s grievance advisor or program director to discuss the complaint. The student may approach the grievance advisor or program director alone or with a UW-Madison faculty or staff member. The grievance advisor or program director should keep a record of contacts with regards to possible grievances. The first attempt is to help the student informally address the complaint prior to pursuing a formal grievance. The student is also encouraged to talk with their faculty advisor regarding concerns or difficulties.
4. If the issue is not resolved to the student’s satisfaction, the student may submit a formal grievance to the grievance advisor or program director in writing, within 60 calendar days from the date the grievant first became aware of, or should have become aware of with the exercise of reasonable diligence, the cause of the grievance. To the fullest extent possible, a grievance shall contain a clear and concise statement of the grievance and indicate the issue(s) involved, the relief sought, the date(s) the incident or violation took place, and any specific policy involved.
5. On receipt of a written grievance, the following steps will occur. The final step must be completed within 30 business days from the date the grievance was received. The program must store documentation of the grievance for seven years. Significant grievances that set a precedent may be stored indefinitely.
   a. The grievance advisor or program director will convene a faculty committee composed of at least three members to manage the grievance. Any faculty member involved in the grievance or who feels that they cannot be impartial may not participate in the committee. Committee composition should reflect diverse viewpoints within the program.
   b. The faculty committee, through the grievance advisor or program director, will inform this person that their response will be shared with the student filing the grievance.
   c. The grievance advisor or program director will share the response with the student filing the grievance.
   d. The faculty committee will make a decision regarding the grievance. The committee’s review shall be fair, impartial, and timely. The grievance advisor or program director will report on the action taken by the committee in writing to both the student and the person toward whom the grievance was directed.
6. If either party (the student or the person or persons toward whom the grievance is directed) is unsatisfied with the decision of the program’s faculty committee, the party may file a written appeal to the SMPH senior associate dean for basic research, biotechnology and graduate studies within 10 business days from the date of notification of the program’s faculty committee. The following steps will occur:
   a. The grievant will be notified in writing, within 5 business days of the written appeal, acknowledging receipt of the formal appeal and establishing a timeline for the review to be completed.
   b. The senior associate dean or their designee may request additional materials and/or arrange meetings with the grievant and/or others. If meetings occur, the senior associate dean or their designee will meet with both the grievant and the person or persons toward whom the grievance is directed.
   c. The senior associate dean or their designee will assemble an ad hoc committee of faculty from outside of the student’s graduate program and ask them to
prepare a written recommendation on whether to uphold or reverse the decision of the program on the student’s initial grievance. The committee may request additional materials and/or arrange meetings with the grievant and/or others. If meetings occur, the committee will meet with both the grievant and the person or persons toward whom the grievance is directed.

d. The senior associate dean or their designee will make a final decision within 20 business days of receipt of the committee’s recommendation.

e. The SMPH Office of Basic Research, Biotechnology, and Graduate Studies must store documentation of the grievance for seven years. Grievances that set a precedent may be stored indefinitely.

7. The student may file an appeal of the School of Medicine and Public Health decision with the Graduate School. See the Grievances and Appeals section of the Graduate School’s Academic Policies and Procedures (https://grad.wisc.edu/documents/grievances-and-appeals/).

**Time Limits**

Steps in the grievance procedures must be initiated and completed within the designated time periods except when modified by mutual consent. If the student fails to initiate the next step in the grievance procedure within the designated time period, the grievance will be considered resolved by the decision at the last completed step.

**OTHER**

All admitted students are funded and receive a stipend. The stipend rate is set by the program.

**PROFESSIONAL DEVELOPMENT**

**GRADUATE SCHOOL RESOURCES**

Take advantage of the Graduate School’s professional development resources (https://grad.wisc.edu/pd/) to build skills, thrive academically, and launch your career.

**LEARNING OUTCOMES**

1. **(Knowledge)** Develop the knowledge base necessary for a career as an independent, professional scientist.
2. **(Research)** Develop and complete original research that advances their specific area of neuroscience.
3. **(Communication)** Learn to effectively communicate to diverse audiences through writing, oral presentations, and discussions.
4. **(Teaching)** Learn teaching and mentoring skills necessary for future scientific careers.
5. **(Professional and Ethical Conduct)** Receive training in responsible conduct of research, and will learn and foster principles of ethical and professional conduct.
6. **(Career Preparation)** Provided with diverse training that will prepare them for a range of flexible and sustainable careers (e.g., academia, industry, government, science policy and administration, science commerce, science writing, law, and science education and outreach at all levels).