Date Submitted: 04/11/19 5:42 pm

Viewing: **PHD 792MED : Physiology**

Last approved: 09/20/18 2:16 pm

Last edit: 04/18/19 1:53 pm

Changes proposed by: adpoehli

Catalog Pages Using this Program
- **Physiology, Ph.D.**

Name of the school or college academic planner who you consulted with on this proposal:

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrea Poehling - MED</td>
</tr>
</tbody>
</table>

In Workflow
1. SMPH ADM Dept. Approver
2. MED School Admin Reviewer
3. MED School Approver
4. APIR Admin
5. GFEC Approver
6. UAPC Approver
7. APIR Admin
8. Registrar
9. Publication Ready

Approval Path
1. 11/28/18 3:06 pm
   Melissa Rose Schultz (mrschultz3): Rollback to Initiator
2. 04/11/19 5:45 pm
   Andrea D Poehling (adpoehli): Approved for SMPH ADM Dept. Approver
3. 04/11/19 5:46 pm
   Andrea D Poehling (adpoehli): Approved for MED School Admin Reviewer
4. 04/18/19 1:53 pm
   Andrea D Poehling (adpoehli): Approved for MED School Approver
Proposal Abstract/Summary:

Correcting red box errors upon request of APIR
Migration Cleanup- redboxes due to case sensitivity
Proposal to suspend admissions effective Summer 2019 and be discontinued effective Fall 2024 or when the last student completes the degree, whichever is first. The last term to complete the degree will be Summer 2024. Continuing Physiology students who do not complete their degree before Fall 2024 may use a special committee to complete their degree. The Cellular and Molecular Biology (CMB) program will serve as the new home for the study of physiology at UW-Madison and has voted to create a physiology focus group once the proposal to discontinue the Physiology program is approved.

If approved, what term should the proposed change be effective?

Summer 2019 (1196)

Select yes if this proposal is only to add, remove, or rearrange curricular requirements, and will change less than 50% of the curriculum.

No

Basic Information

Program State: Suspend, will be discontinued Active
Type of Program: Degree/Major
Who is the audience? Graduate or professional
Home Department: SMPH ADM
School/College: School of Medicine and Public Health
The program will be governed by the home department/academic unit as specified. Will an additional coordinating or oversight committee be established for the program?

No

Is this in the Graduate School?  Yes

Award:  Doctor of Philosophy

SIS Code:  PHD 792MED

SIS Description:  Physiology PHD

Transcript Title:  Physiology

Named Options:

Will this be offered as an additional major as well?  No

Will a doctoral minor be required?  Yes

**Suspension and Discontinuation**

What is the last term that a student could declare this program?  **Fall 2018 (1192)**

What is the last term that students may be enrolled in or complete the program?
What is the timeline and advance communication plan?

**Timeline:** This proposal is to suspend admissions effective Summer 2019 and to discontinue the program effective Fall 2024 or when the last student completes the degree, whichever is first. The last term to complete the degree will be Summer 2024.

The Cellular and Molecular Biology (CMB) program will serve as the new home for the study of physiology at UW-Madison and has voted to create a physiology focus group once the proposal to discontinue the Physiology program is approved. At that time, the CMB director will provide oversight and advising for continuing Physiology students until they complete their degree.

Because the Physiology graduate coordinator is moving to a new position, the CMB program will provide student services and administrative support for the Physiology program beginning April 2019.

**Advance communication plan:** The Physiology program director has informed all students, faculty, and staff that the Physiology program will be discontinued effective Fall 2024 (last term to complete the degree is Summer 2024) and that the CMB program will serve as the new home for the study of physiology at UW-Madison.

The CMB director and graduate coordinator will attend the Physiology program’s seminar in early April 2019 to meet the students and answer questions.

The Physiology program website states that applications are no longer being accepted.
Explain the precipitating circumstances or rationale for the proposal.

In 2011, the program moved from the Department of Physiology, which was discontinued, to the School of Medicine and Public Health (SMPH) dean's office. During the program's 2016 ten-year review, the review committee observed that applications and enrollments were declining and leadership continuity had not been established. GFEC recommended that the program consider whether a stand-alone program was desirable; see attached letter from GFEC dated 10/23/2017. The program director and the SMPH senior associate dean subsequently began to discuss the future of the Physiology program, including the possibility of finding a new administrative home for the physiology research community and discontinuing the Physiology program. They discussed mergers with leaders of two other graduate programs; neither option was pursued.

In 2018, as the director made plans to step down and none of the student applicants accepted offers of admission (except one student who transferred from a different UW-Madison graduate program), conversations about the program's future began anew. In September 2018, Physiology trainers were invited to discuss the program's future. While the ten or so trainers present at the meeting supported the program's continuation, new leadership did not emerge. Program and SMPH leadership subsequently decided to discontinue the program and asked the CMB program to serve as the new home for the study of physiology at UW-Madison. CMB voted on 3/13/19 to establish a physiology focus group once the proposal to discontinue the Physiology program is approved.

The attached table shows the number of applicants, admits, and new enrollments over the past ten years.
What is the potential impact on enrolled students?

Steps are being taken to minimize the impact on the 18 enrolled students. See attached list of enrolled students, advisors, and expected graduation dates.

Students will continue in the Physiology program and receive a Physiology degree at the end of their studies. Students who do not complete the Physiology degree before Fall 2024 may use a special degree committee to complete their degree.

Students will continue their research with their current advisors without interruption.

Four students are still taking classes. They are expected to complete coursework by the end of Spring 2019.

The current director of the Physiology graduate program will co-lead the CMB physiology focus group with two assistant professors. She will also continue to lead the Physiology seminar, Physiology 901. The seminar has served as the connection to the program and a venue for students to present research ideas and collaborate with peers. Continuing the seminar in its current form during the transition to CMB will provide overlap for students as they get to know the CMB faculty, staff, and programming.

The Physiology graduate coordinator has found a new position, so the CMB graduate coordinator will take over administrative responsibilities for the current Physiology students. The two are working together to create a smooth transition for students.

What is the potential impact on faculty and staff?

Physiology faculty trainers will continue to advise students without interruption. Faculty will be eligible to apply as trainers to the CMB program, where they will be able to recruit students with research interests in physiology.
Faculties trainers were invited to a meeting to discuss the future of the program in September 2018. A summary of the activities and accomplishments of the program were presented, followed by a discussion of the future of the program.

In Fall 2018, all members of the Physiology steering committee voted to approve a plan to discontinue the Physiology program and request that the CMB program serve as the new home for the study of physiology at UW-Madison.

In March 2019, Physiology trainers were notified that the Physiology program will be discontinued and the CMB program will create a physiology focus group once the proposal to discontinue the Physiology program is approved. Once CMB creates a focus group, Physiology trainers will be invited to apply to become trainers in the CMB program.

In April 2019, trainers were notified of the specific term by which students must complete the Physiology degree.

The program has communicated regularly with students during weekly seminars and email. Email correspondence is attached.

The possibility of program discontinuation was discussed with students in September 2018.

The decision to discontinue the program was communicated to students in seminar and via email in November 2018.

In March 2019, students were notified in seminar and via email that the CMB program will create a physiology focus group once the proposal to discontinue the Physiology program is approved.

In April 2019, students were notified of the specific term by which they must complete the Physiology degree.

News of the discontinuation of the program has been shared with some alumni via conversation and/or email.
Teach-out plan - How will program quality be maintained during the suspended period or the teach-out period for discontinued programs?

The partnership with CMB and the continued involvement of the current Physiology program director and trainers will ensure program quality.

The SMPH will coordinate contingency funding for student support should it be needed.

Teach-out plan: A) For currently enrolled students, how will required courses, curricular elements, advising and other student services be provided?

Two courses offered exclusively to Physiology graduate students, Physiology 901: Seminar and Physiology 990: Research, will continue to be offered. In the event that they are not offered, the CMB director, focus group co-leaders, and graduate coordinator will work with students to find appropriate alternatives.

The four students who are still taking classes are expected to complete their coursework by the end of Spring 2019.

Teaching experience is required for Physiology students. The same TA opportunities that are currently available to Physiology students will continue to be available.

Advising and other student services will be provided by the CMB program staff.

Teach-out plan: B) For prospective students in the admissions pipeline, how are any commitments being met or needs to notify them that their program of interest will not be available?

The Physiology program’s website has been updated to state: “Thank you for your interest in the Physiology Graduate Training Program at UW Madison. The PGTP is suspending admissions and will not be accepting any students for Fall 2019. We encourage you to consider the Cellular & Molecular Biology program which will serve as the research home for scientists interested in Physiology at UW.” A hyperlink to the CMB program is provided.

Teach-out plan: C) For stopped out students, what provisions are made for their re-entry? What program(s) will they be re-entered into?

Stopped-out students may re-enter the Physiology program. If they are not able to complete the requirements for the Physiology degree before the discontinuation date, they may use a special degree committee.

Teach-out plan: D) Provide any other information relevant to teach-out planning.
Roles by Responsibility: List one person for each role in the drop down list. Use the green + to create additional boxes.

<table>
<thead>
<tr>
<th>Role Type</th>
<th>Name (Last, First)</th>
<th>Email</th>
<th>Phone</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Director</td>
<td>Oertel, Donata</td>
<td><a href="mailto:doertel@wisc.edu">doertel@wisc.edu</a></td>
<td>608/263-6281</td>
<td>Professor</td>
</tr>
<tr>
<td>Department Chair</td>
<td>Keck, James L</td>
<td><a href="mailto:jlkeck@wisc.edu">jlkeck@wisc.edu</a></td>
<td>608/263-1815</td>
<td></td>
</tr>
<tr>
<td>Primary Contact</td>
<td>Poehling, Andrea D</td>
<td><a href="mailto:adpoehli@wisc.edu">adpoehli@wisc.edu</a></td>
<td>608/262-2628</td>
<td></td>
</tr>
<tr>
<td>Primary Dean's Office Contact</td>
<td>Poehling, Andrea D</td>
<td><a href="mailto:adpoehli@wisc.edu">adpoehli@wisc.edu</a></td>
<td>608/262-2628</td>
<td></td>
</tr>
</tbody>
</table>

List the departments that have a vested interest in this proposal.

<table>
<thead>
<tr>
<th>Departments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate School (GRAD SCH)</td>
</tr>
</tbody>
</table>

Are all program reviews in the home academic unit up to date? Yes
Are all assessment plans in the home academic unit up to date? Yes
Are all assessment reports in the home academic unit up to date? Yes

Mode of Delivery:
Face-to-Face (majority face-to-face courses)

Will this program be part of a consortial or collaborative arrangement with another college or university? No

Will instruction take place at a location geographically separate from UW-Madison? No

Will this program have outside accreditation? No

Will graduates of this program seek licensure or certification after graduation? No

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**Faculty and Staff Resources**

Confirm that the program advisor(s) or coordinator(s) have been consulted and reviewed this proposal. Yes
Select the Graduate Research Scholars Community for this program.

Science and Medicine Graduate Research Scholars Program

**Curriculum and Requirements**

If you are proposing a change to the curriculum, what percentage of the curriculum is changing?  

*No change*

Guide Admissions/How to Get In tab

Given the interdisciplinary nature of physiology, students from a variety of undergraduate backgrounds qualify for admission to the program. Entering students generally have degrees in biology, chemistry, physics or engineering, and have usually taken courses in biology, biochemistry, chemistry, mathematics, and physics. Students may be admitted to the program without having completed one or more of these courses but will be required to take them in their first year of graduate school. In addition to the online application, applicants for admission should submit official transcripts from each previous undergraduate and postgraduate institution; three letters of recommendation; a one-page personal statement describing research experience and personal goals, and indicating faculty with research activities of interest to the student. Graduate Record Exam (GRE) scores are requested from all students. International students should also send scores of the Test of English as a Foreign Language (TOEFL), or International English Language Testing System (IELTS). Application deadline is December 1—we do not offer spring or summer admission.

<table>
<thead>
<tr>
<th>Approved Shared Content from /shared/graduate-school-admissions/</th>
</tr>
</thead>
</table>

**Graduate School Admissions**

Graduate admissions is a two-step process between academic degree programs and the Graduate School. Applicants must meet requirements of both the program(s) and the Graduate School. Once you have researched the graduate program(s) you are interested in, [apply online](https://next-guide.wisc.edu/programadmin/).

Those who are not familiar with using the html editor fields may upload a document with information about the curriculum for use by those who will format and edit the content that will appear in the Guide.

| Approved Shared Content from /shared/graduate-minimum-degree-requirements-and-satisfactory-progress/ |
Minimum Graduate School Requirements

Review the Graduate School minimum academic progress and degree requirements, in addition to the program requirements listed below.

Major Requirements

### MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Mode of Instruction</th>
<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>
<td>No</td>
</tr>
</tbody>
</table>

**Mode of Instruction Definitions**

**Evening/Weekend:** These programs are offered in an evening and/or weekend format to accommodate working schedules. Enjoy the advantages of on-campus courses and personal connections, while keeping your day job. For more information about the meeting schedule of a specific program, contact the program.

**Online:** These programs are offered primarily online. Many available online programs can be completed almost entirely online with all online programs offering at least 50 percent or more of the program work online. Some online programs have an on-campus component that is often designed to accommodate working schedules. Take advantage of the convenience of online learning while participating in a rich, interactive learning environment. For more information about the online nature of a specific program, contact the program.

**Hybrid:** These programs have innovative curricula that combine on-campus and online formats. Most hybrid programs are completed on-campus with a partial or completely online semester. For more information about the hybrid schedule of a specific program, contact the program.

**Accelerated:** These on-campus programs are offered in an accelerated format that allows you to complete your program in a condensed time-frame. Enjoy the advantages of on-campus courses with minimal disruption to your career. For more information about the accelerated nature of a specific program, contact the program.

### CURRICULAR REQUIREMENTS

**University General Education Requirements**

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>51 credits</td>
</tr>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>32 credits</td>
</tr>
</tbody>
</table>
**Requirements**

**Minimum Graduate Coursework**
Half of degree coursework (26 credits out of 51 total credits) must be completed graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university’s Course Guide (http://my.wisc.edu/CourseGuideRedirect/BrowseByTitle).

**Overall Graduate GPA Requirement**
3.00 GPA required.

**Other Grade Requirements**
The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.

**Assessments and Examinations**
Doctoral students are required to take a comprehensive preliminary/oral examination after they have cleared their record of all Incomplete and Progress grades (other than research and thesis). Deposit of the doctoral dissertation in the Graduate School is required.

**Language Requirements**
Contact the program for information on any language requirements.

**Doctoral Minor/Breadth Requirements**
All doctoral students are required to complete a minor.

---

**Required COURSES**

**Physiology core curriculum includes:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHYSOL 901</strong></td>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td><strong>NTP/NEURODPT 610</strong></td>
<td>Cellular and Molecular Neuroscience</td>
<td>4</td>
</tr>
<tr>
<td><strong>ANAT&amp;PHY 435</strong></td>
<td>Fundamentals of Human Physiology (or equivalent)</td>
<td>5</td>
</tr>
<tr>
<td><strong>STAT/B M I 541</strong></td>
<td>Introduction to Biostatistics</td>
<td>3-4</td>
</tr>
<tr>
<td>or <strong>STAT/F&amp;W ECOL/HORT 571</strong></td>
<td>Statistical Methods for Bioscience I</td>
<td></td>
</tr>
<tr>
<td><strong>OBS&amp;GYN 955</strong></td>
<td>Responsible Conduct of Research for Biomedical Graduate Students</td>
<td>2</td>
</tr>
</tbody>
</table>

Electives may be determined according to student interest and program director approval.

Total credits required:

Guide Graduate Policies tab

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Approved Shared Content from /shared/graduate-school-policies/

**Graduate School Policies**

https://next-guide.wisc.edu/programadmin/
Graduate Program Proposal System

The Graduate School's Academic Policies and Procedures 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

Graduate Program Handbook

The Graduate Program Handbook is the repository for all of the program's policies and requirements.

Prior Coursework

Graduate Work from Other Institutions
Courses taken that fulfill the equivalent requirements may be considered to exempt a class: If demonstrated didactic knowledge of physiology, then ANAT&PHY 435 may be exempted. If considerable background in neuroscience, then NTP/NEURODPT 610 Cellular and Molecular Neuroscience may be exempted. Statistics courses may be considered by the student’s advisory committee for exemption; however, students are still strongly encouraged to participate. These exemptions do not waive a student from any credits, merely from taking the courses. The student will still need to accumulate 51 credits for the degree.

UW–Madison Undergraduate
Courses taken that fulfill the equivalent requirements may be considered to exempt a class: If demonstrated didactic knowledge of physiology, then ANAT&PHY 435 may be exempted. If considerable background in neuroscience, then NTP/NEURODPT 610 may be exempted. Statistics courses may be considered by the student’s advisory committee for exemption; however, students are still strongly encouraged to participate. These exemptions do not waive a student from any credits, merely from taking the courses. The student will still need to accumulate 51 credits for the degree.

UW–Madison University Special
Courses taken that fulfill the equivalent requirements may be considered to exempt a class: If demonstrated didactic knowledge of physiology, then ANAT&PHY 435 may be exempted. If considerable background in neuroscience, then NTP/NEURODPT 610 may be exempted. Statistics courses may be considered by the student’s advisory committee for exemption; however, students are still strongly encouraged to participate. These exemptions do not waive a student from any credits, merely from taking the courses. The student will still need to accumulate 51 credits for the degree.

Probation

The Graduate School regularly reviews the record of any student who earned grades of BC, C, D, F, or Incomplete in a graduate course (300 or above), or grade of U in research credits. This review could result in academic probation with a hold on future enrollment or in being suspended from the Graduate School.
**ADVISOR / COMMITTEE**

Every graduate student is required to have an advisor. An advisor is a faculty member, or sometimes a committee, from the major department responsible for providing advice regarding graduate studies. An advisor generally serves as the thesis advisor. In many cases, an advisor is assigned to incoming students. Students can be suspended from the Graduate School if they do not have an advisor.

To ensure that students are making satisfactory progress toward a degree, the Graduate School expects them to meet with their advisor on a regular basis.

A committee often accomplishes advising for the students in the early stages of their studies.

**CREDITS PER TERM ALLOWED**

15 credits

**Time Constraints**

Doctoral degree students who have been absent for ten or more consecutive years lose all credits that they have earned before their absence. Individual programs may count the coursework students completed prior to their absence for meeting program requirements; that coursework may not count toward Graduate School credit requirements.

A candidate for a doctoral degree who fails to take the final oral examination and deposit the dissertation within five years after passing the preliminary examination may by require to take another preliminary examination and to be admitted to candidacy a second time.

**Other**

Students are funded by program dollars to do rotations during their first semester. After having settled on a lab, their research mentor will fund the student, either through his/her research grants, program-available TA-ships, or other fellowships.

Provide detail on how breadth will be achieved.

**Program Learning Outcomes and Assessment**

List the program learning outcomes.

<table>
<thead>
<tr>
<th>Outcomes – enter one learning outcome per box. Use the green + to create additional boxes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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Outcomes – enter one learning outcome per box. Use the green + to create additional boxes.

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<table>
<thead>
<tr>
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<th></th>
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<tbody>
<tr>
<td>3</td>
<td>Describe past science, propose future experiments, and defend their ideas to peers in a proposal format.</td>
</tr>
<tr>
<td>4</td>
<td>Understand that science and research is based on trust—trust between scientists and colleagues, trust between scientists and policy makers, trust between scientists and advisory boards, and trust between scientists and society.</td>
</tr>
<tr>
<td>5</td>
<td>Write for a proper audience, revising and responding to reviewers as appropriate.</td>
</tr>
<tr>
<td>6</td>
<td>Communicate their science verbally and do so in a clear manner for a variety of audiences.</td>
</tr>
</tbody>
</table>

Summarize the assessment plan.

Approved Assessment Plan:

**Commitments**

Courses in the curriculum are numbered 300 or higher.

Yes

The program faculty/staff will ensure the program website, Advance Your Career materials if applicable, and other presentations are consistent with the Guide information for this program.

Yes

**Supporting Information**

List name and department of those who are in support of this proposal.

If those supporting the proposal provided a letter or email of support upload here. A letter is NOT required. Upload any other explanatory information about support from other UW-Madison units.

Additional Information:

- [Physiology enrollment trends.pdf](https://next-guide.wisc.edu/programadmin/Physiology enrollment trends.pdf)
- [Physiology correspondence.pdf](https://next-guide.wisc.edu/programadmin/Physiology correspondence.pdf)
- [Status of Physiology students 3_14_2019.pdf](https://next-guide.wisc.edu/programadmin/Status of Physiology students 3_14_2019.pdf)
**Approvals**

Department Approval - This proposal has been approved by the faculty at the department/academic unit level. The program faculty confirm that the unit has the capacity and resources (financial, physical, instructional, and administrative) to meet the responsibilities associated with offering the program, including offering the necessary courses, advising students, maintaining accurate information about the program in the Guide and elsewhere, conducting student learning assessment and program review, and otherwise attend to all responsibilities related to offering this program.

Enter any notes about approval here:

**In Fall 2018, all members of the Physiology steering committee voted to approve a plan to discontinue the Physiology program and request that the Cellular and Molecular Biology program serve as the new home for the study of physiology at UW-Madison.**

Entered by: Andrea Poehling  
Date entered: 4/18/2019

School/College Approval - This proposal has been approved at the school/college level and it is submitted with the Dean’s support. The Dean and program faculty confirm that the unit has the capacity and resources (financial, physical, instructional, and administrative) to meet the responsibilities associated with offering the program, including offering the necessary courses, advising students, maintaining accurate information about the program in the Guide and elsewhere, conducting student learning assessment and program review, and otherwise attend to all responsibilities related to offering this program.

Enter any notes about approval here:

**Unanimously approved by SMPH APC on 4/17/2019.**

Entered by and date: Andrea Poehling  
Date entered: 4/18/2019

GFEC Approval - This proposal has been approved by the Graduate Faculty Executive Committee and the Dean of the Graduate School.

Enter any notes about the approval here:

Entered by:  
Date entered:

**UAPC Approval - This proposal has been approved by the University Academic Planning Council and the Provost.**
Enter any notes about approval here:

Entered by:
  Date entered:

For Administrative Use

Admin Notes:

Guide URL:

Effective date:

Career: Graduate
SIS Program Code: G792
SIS Short Description: Physiology

Other plan codes associated with this program:

Diploma Text: Doctor of Philosophy
Diploma Text 2:
Degree: 306
Field of Study: Biological Science
Program Length: 7
National Student Clearing House Classification:
Plan Group: 792
Educational Level: Research Doctoral degrees
Award Category: Research Doctorate
Enrollment Category:

STEMOPT: 

UWSTEM: Yes

HEALTH: 

Educational Innovation Program:

Distance Education Program:

Non Traditional Program:

Special Plan Type:

Added to UW: Yes

System Crosswalk:

Reviewer Comments

**Melissa Rose Schultz (mrschultz3) (11/28/18 3:06 pm):** Rollback: Requested rollback by Andrea; Department wants to make changes (suspend/discontinue). Rolling back to for those changes; adjusted workflow so it will follow governance instead of administrative workflows.
Date Submitted: 04/11/19 5:44 pm

Viewing: **MS 792MED : Physiology**

Last approved: 09/20/18 2:17 pm

Last edit: 04/18/19 1:52 pm

Changes proposed by: adpoehli

**Catalog Pages Using this Program**

Physiology, M.S.

**Name of the school or college academic planner who you consulted with on this proposal.**

<table>
<thead>
<tr>
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https://next-guide.wisc.edu/programadmin/
Proposal Abstract/Summary:

Correcting red box errors upon request of APIR
Migration Cleanup- redboxes due to case sensitivity
This proposal is identical to the proposal being submitted to suspend and discontinue the Physiological PhD program. The Physiology MS is non-admitting. Proposal to suspend admissions effective Summer 2019 and be discontinued effective Fall 2024 or when the last student completes the degree, whichever is first. The last term to complete the degree will be Summer 2024. Continuing Physiology students who do not complete their degree before Fall 2024 may use a special committee to complete their degree. The Cellular and Molecular Biology (CMB) program will serve as the new home for the study of physiology at UW-Madison and has voted to create a physiology focus group once the proposal to discontinue the Physiology program is approved.

If approved, what term should the proposed change be effective?

Fall 2019 (1202)

Select yes if this proposal is only to add, remove, or rearrange curricular requirements, and will change less than 50% of the curriculum.

No

**Basic Information**

Program State: Suspend, will be discontinued Active

Type of Program: Degree/Major

Who is the audience?

Graduate or professional

Home Department: SMPH ADM

School/College: School of Medicine and Public Health

The program will be governed by the home department/academic unit as specified. Will an additional coordinating or oversight committee be established for the program?

No
Is this in the Graduate School? Yes

Award: Master of Science

SIS Code: MS 792MED

SIS Description: Physiology MS

Transcript Title: Physiology

Named Options:

Will this be offered as an additional major as well? No

Is this a non-admitting master's degree? Yes

**Suspension and Discontinuation**

What is the last term that a student could declare this program? 

What is the last term that students may be enrolled in or complete the program? Fall 2018 (1192)
What is the timeline and advance communication plan?

Timeline: This proposal is to suspend admissions effective Summer 2019 and to discontinue the program effective Fall 2024 or when the last student completes the degree, whichever is first. The last term to complete the degree will be Summer 2024.

The Cellular and Molecular Biology (CMB) program will serve as the new home for the study of physiology at UW-Madison and has voted to create a physiology focus group once the proposal to discontinue the Physiology program is approved. At that time, the CMB director will provide oversight and advising for continuing Physiology students until they complete their degree.

Because the Physiology graduate coordinator is moving to a new position, the CMB program will provide student services and administrative support for the Physiology program beginning April 2019.

Advance communication plan: The Physiology program director has informed all students, faculty, and staff that the Physiology program will be discontinued effective Fall 2024 (last term to complete the degree is Summer 2024) and that the CMB program will serve as the new home for the study of physiology at UW-Madison.

The CMB director and graduate coordinator will attend the Physiology program’s seminar in early April 2019 to meet the students and answer questions.

The Physiology program website states that applications are no longer being accepted.
Explain the precipitating circumstances or rationale for the proposal.

In 2011, the program moved from the Department of Physiology, which was discontinued, to the School of Medicine and Public Health (SMPH) dean's office. During the program's 2016 ten-year review, the review committee observed that applications and enrollments were declining and leadership continuity had not been established. GFEC recommended that the program consider whether a stand-alone program was desirable; see attached letter from GFEC dated 10/23/2017. The program director and the SMPH senior associate dean subsequently began to discuss the future of the Physiology program, including the possibility of finding a new administrative home for the physiology research community and discontinuing the Physiology program. They discussed mergers with leaders of two other graduate programs; neither option was pursued.

In 2018, as the director made plans to step down and none of the student applicants accepted offers of admission (except one student who transferred from a different UW-Madison graduate program), conversations about the program’s future began anew. In September 2018, Physiology trainers were invited to discuss the program’s future. While the ten or so trainers present at the meeting supported the program’s continuation, new leadership did not emerge. Program and SMPH leadership subsequently decided to discontinue the program and asked the CMB program to serve as the new home for the study of physiology at UW-Madison. CMB voted on 3/13/19 to establish a physiology focus group once the proposal to discontinue the Physiology program is approved.

The attached table shows the number of applicants, admits, and new enrollments over the past ten years.
What is the potential impact on enrolled students?

Steps are being taken to minimize the impact on the 18 enrolled students. See attached list of enrolled students, advisors, and expected graduation dates.

Students will continue in the Physiology program and receive a Physiology degree at the end of their studies. Students who do not complete the Physiology degree before Fall 2024 may use a special degree committee to complete their degree.

Students will continue their research with their current advisors without interruption.

Four students are still taking classes. They are expected to complete coursework by the end of Spring 2019.

The current director of the Physiology graduate program will co-lead the CMB physiology focus group with two assistant professors. She will also continue to lead the Physiology seminar, Physiology 901. The seminar has served as the connection to the program and a venue for students to present research ideas and collaborate with peers. Continuing the seminar in its current form during the transition to CMB will provide overlap for students as they get to know the CMB faculty, staff, and programming.

The Physiology graduate coordinator has found a new position, so the CMB graduate coordinator will take over administrative responsibilities for the current Physiology students. The two are working together to create a smooth transition for students.

What is the potential impact on faculty and staff?

Physiology faculty trainers will continue to advise students without interruption. Faculty will be eligible to apply as trainers to the CMB program, where they will be able to recruit students with research interests in physiology.
Explain and provide evidence of efforts made to confer with and to notify faculty and staff.

Faculty trainers were invited to a meeting to discuss the future of the program in September 2018. A summary of the activities and accomplishments of the program were presented, followed by a discussion of the future of the program.

In Fall 2018, all members of the Physiology steering committee voted to approve a plan to discontinue the Physiology program and request that the CMB program serve as the new home for the study of physiology at UW-Madison.

In March 2019, Physiology trainers were notified that the Physiology program will be discontinued and the CMB program will create a physiology focus group once the proposal to discontinue the Physiology program is approved. Once CMB creates a focus group, Physiology trainers will be invited to apply to become trainers in the CMB program.

In April 2019, trainers were notified of the specific term by which students must complete the Physiology degree.

Explain and provide evidence of efforts made to confer with and to notify current students.

The program has communicated regularly with students during weekly seminars and email. Email correspondence is attached.

The possibility of program discontinuation was discussed with students in September 2018.

The decision to discontinue the program was communicated to students in seminar and via email in November 2018.

In March 2019, students were notified in seminar and via email that the CMB program will create a physiology focus group once the proposal to discontinue the Physiology program is approved.

In April 2019, students were notified of the specific term by which they must complete the Physiology degree.

Explain and provide evidence of efforts made to confer with and to notify alumni and other stakeholders.

News of the discontinuation of the program has been shared with some alumni via conversation and/or email.
Teach-out plan - How will program quality be maintained during the suspended period or the teach-out period for discontinued programs?

The partnership with CMB and the continued involvement of the current Physiology program director and trainers will ensure program quality.

The SMPH will coordinate contingency funding for student support should it be needed.

Teach-out plan: A) For currently enrolled students, how will required courses, curricular elements, advising and other student services be provided?

Two courses offered exclusively to Physiology graduate students, Physiology 901: Seminar and Physiology 990: Research, will continue to be offered. In the event that they are not offered, the CMB director, focus group co-leaders, and graduate coordinator will work with students to find appropriate alternatives.

The four students who are still taking classes are expected to complete their coursework by the end of Spring 2019.

Teaching experience is required for Physiology students. The same TA opportunities that are currently available to Physiology students will continue to be available.

Advising and other student services will be provided by the CMB program staff.

Teach-out plan: B) For prospective students in the admissions pipeline, how are any commitments being met or needs to notify them that their program of interest will not be available?

The Physiology program's website has been updated to state: “Thank you for your interest in the Physiology Graduate Training Program at UW Madison. The PGTP is suspending admissions and will not be accepting any students for Fall 2019. We encourage you to consider the Cellular & Molecular Biology program which will serve as the research home for scientists interested in Physiology at UW.” A hyperlink to the CMB program is provided.

Teach-out plan: C) For stopped out students, what provisions are made for their re-entry? What program(s) will they be re-entered into?

Stopped-out students may re-enter the Physiology program. If they are not able to complete the requirements for the Physiology degree before the discontinuation date, they may use a special degree committee.

Teach-out plan: D) Provide any other information relevant to teach-out planning.
Roles by Responsibility: List one person for each role in the drop down list. Use the green + to create additional boxes.

<table>
<thead>
<tr>
<th>Role Type</th>
<th>Name (Last, First)</th>
<th>Email</th>
<th>Phone</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Director</td>
<td>Oertel, Donata</td>
<td><a href="mailto:doertel@wisc.edu">doertel@wisc.edu</a></td>
<td>608/263-6281</td>
<td></td>
</tr>
<tr>
<td>Department Chair</td>
<td>Keck, James L</td>
<td><a href="mailto:jlkeck@wisc.edu">jlkeck@wisc.edu</a></td>
<td>608/263-1815</td>
<td></td>
</tr>
<tr>
<td>Primary Contact</td>
<td>Poehling, Andrea D</td>
<td><a href="mailto:adpoehli@wisc.edu">adpoehli@wisc.edu</a></td>
<td>608/262-2628</td>
<td></td>
</tr>
<tr>
<td>Primary Dean's Office Contact</td>
<td>Poehling, Andrea D</td>
<td><a href="mailto:adpoehli@wisc.edu">adpoehli@wisc.edu</a></td>
<td>608/262-2628</td>
<td></td>
</tr>
</tbody>
</table>

List the departments that have a vested interest in this proposal.

<table>
<thead>
<tr>
<th>Departments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate School (GRAD SCH)</td>
</tr>
</tbody>
</table>

Are all program reviews in the home academic unit up to date? Yes
Are all assessment plans in the home academic unit up to date? Yes
Are all assessment reports in the home academic unit up to date? Yes

Mode of Delivery:
Face-to-Face (majority face-to-face courses)

Will this program be part of a consortial or collaborative arrangement with another college or university? No

Will instruction take place at a location geographically separate from UW-Madison? No

Will this program have outside accreditation? No

Will graduates of this program seek licensure or certification after graduation? No

**Faculty and Staff Resources**

Confirm that the program advisor(s) or coordinator(s) have been consulted and reviewed this proposal.

Yes
Select the Graduate Research Scholars Community for this program.

Science and Medicine Graduate Research Scholars Program

**Curriculum and Requirements**

If you are proposing a change to the curriculum, what percentage of the curriculum is changing?  

No change

Guide Admissions/How to Get In tab

This master’s program is offered for work leading to the Ph.D. Students may not apply directly for the master’s, and should instead see the [admissions information for the Ph.D.](https://next-guide.wisc.edu/programadmin/).

Those who are not familiar with using the html editor fields may upload a document with information about the curriculum for use by those who will format and edit the content that will appear in the Guide.

Guide Requirements tab

**Minimum Graduate School Requirements**

Review the Graduate School minimum [academic progress and degree requirements](https://next-guide.wisc.edu/programadmin/), in addition to the program requirements listed below.

**Major Requirements**

**MODE OF INSTRUCTION**

<table>
<thead>
<tr>
<th>Mode of Instruction</th>
<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>
<td>No</td>
</tr>
</tbody>
</table>

**Mode of Instruction Definitions**

Approved Shared Content from `/shared/graduate-school-mode-instruction-definitions/`
Evening/Weekend: These programs are offered in an evening and/or weekend format to accommodate working schedules. Enjoy the advantages of on-campus courses and personal connections, while keeping your day job. For more information about the meeting schedule of a specific program, contact the program.

Online: These programs are offered primarily online. Many available online programs can be completed almost entirely online with all online programs offering at least 50 percent or more of the program work online. Some online programs have an on-campus component that is often designed to accommodate working schedules. Take advantage of the convenience of online learning while participating in a rich, interactive learning environment. For more information about the online nature of a specific program, contact the program.

Hybrid: These programs have innovative curricula that combine on-campus and online formats. Most hybrid programs are completed on-campus with a partial or completely online semester. For more information about the hybrid schedule of a specific program, contact the program.

Accelerated: These on-campus programs are offered in an accelerated format that allows you to complete your program in a condensed time-frame. Enjoy the advantages of on-campus courses with minimal disruption to your career. For more information about the accelerated nature of a specific program, contact the program.

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**CURRICULAR REQUIREMENTS**

**University General Education Requirements**

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit</td>
<td>30 credits</td>
</tr>
<tr>
<td>Minimum Residence</td>
<td>16 credits</td>
</tr>
<tr>
<td>Minimum Graduate</td>
<td>Half of degree coursework (15 credits out of 30 total credits) must be completed graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university's Course Guide <a href="https://registrar.wisc.edu/course-guide/">https://registrar.wisc.edu/course-guide/</a>.</td>
</tr>
<tr>
<td>Overall Graduate GPA</td>
<td>3.00 GPA required.</td>
</tr>
<tr>
<td>Other Grade Requirements</td>
<td>The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.</td>
</tr>
<tr>
<td>Assessments and Examinations</td>
<td>Contact the program for information on required assessments and examinations.</td>
</tr>
<tr>
<td>Language Requirements</td>
<td>Contact the program for information on any language requirements.</td>
</tr>
</tbody>
</table>

**Required COURSES**

Physiology core curriculum includes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
</table>

[https://next-guide.wisc.edu/programadmin/](https://next-guide.wisc.edu/programadmin/)
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSIOL 901</td>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td>NTP/NEURODPT 610</td>
<td>Cellular and Molecular Neuroscience</td>
<td>4</td>
</tr>
<tr>
<td>ANAT&amp;PHY 435</td>
<td>Fundamentals of Human Physiology (or equivalent)</td>
<td>5</td>
</tr>
<tr>
<td>STAT/B M 541</td>
<td>Introduction to Biostatistics</td>
<td>3-4</td>
</tr>
<tr>
<td>or STAT/F&amp;W ECOL/HORT 571</td>
<td>Statistical Methods for Bioscience I</td>
<td></td>
</tr>
<tr>
<td>OBS&amp;GYN 955</td>
<td>Responsible Conduct of Research for Biomedical Graduate Students</td>
<td>2</td>
</tr>
</tbody>
</table>

Total credits required:

Guide Graduate Policies tab

Approved Shared Content from /shared/graduate-school-policies/

Graduate School Policies

The Graduate School’s Academic Policies and Procedures 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

Graduate Program Handbook

The Graduate Program Handbook is the repository for all of the program's policies and requirements.

Prior Coursework

Graduate Work from Other Institutions

Courses taken that fulfill the equivalent requirements may be considered to exempt a class: If demonstrated didactic knowledge of physiology, then ANAT&PHY 435 Fundamentals of Human Physiology may be exempted. If considerable background in neuroscience, then NTP/NEURODPT 610 Cellular and Molecular Neuroscience may be exempted. Statistics courses may be considered by the student’s advisory committee for exemption; however, students are still strongly encouraged to participate. These exemptions do not waive a student from any credits, merely from taking the courses. The student will still need to accumulate 30 credits for the degree.

UW–Madison Undergraduate

Courses taken that fulfill the equivalent requirements may be considered to exempt a class: If demonstrated didactic knowledge of physiology, then ANAT&PHY 435 Fundamentals of Human Physiology may be exempted. If considerable background in neuroscience, then NTP/NEURODPT 610 may be exempted. Statistics courses may be considered by the student’s advisory committee for exemption; however,
students are still strongly encouraged to participate. These exemptions do not waive a student from any credits, merely from taking the courses. The student will still need to accumulate 30 credits for the degree.

**UW–Madison University Special**

Courses taken that fulfill the equivalent requirements may be considered to exempt a class: If demonstrated didactic knowledge of physiology, then ANAT&PHY 435 then anat&phy 435 may be exempted. If considerable background in neuroscience, then NTP/NEURODPT 610 may be exempted. Statistics courses may be considered by the student’s advisory committee for exemption; however, students are still strongly encouraged to participate. These exemptions do not waive a student from any credits, merely from taking the courses. The student will still need to accumulate 30 credits for the degree.

**Probation**

The Graduate School regularly reviews the record of any student who earned grades of BC, C, D, F, or Incomplete in a graduate course (300 or above), or grade of U in research credits. This review could result in academic probation with a hold on future enrollment or in being suspended from the Graduate School.

**ADVISOR / COMMITTEE**

Every graduate student is required to have an advisor. An advisor is a faculty member, or sometimes a committee, from the major department responsible for providing advice regarding graduate studies. An advisor generally serves as the thesis advisor. In many cases, an advisor is assigned to incoming students. Students can be suspended from the Graduate School if they do not have an advisor.

To ensure that students are making satisfactory progress toward a degree, the Graduate School expects them to meet with their advisor on a regular basis.

A committee often accomplishes advising for the students in the early stages of their studies.

**CREDITS PER TERM ALLOWED**

15 credits

**Time Constraints**

Master’s degree students who have been absent for five or more consecutive years lose all credits that they have earned before their absence. Individual programs may count the coursework students completed prior to their absence for meeting program requirements; that coursework may not count toward Graduate School credit requirements.

**Other**

Students are funded by program dollars to do rotations during their first semester. After having settled on a lab, their research mentor will fund the student, either through his/her research grants, program-available TA-ships, or other fellowships.
Program Learning Outcomes and Assessment

List the program learning outcomes.

<table>
<thead>
<tr>
<th></th>
<th>Outcomes – enter one learning outcome per box. Use the green + to create additional boxes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Teach physiology, engaging audiences and helping them to learn.</td>
</tr>
<tr>
<td>2</td>
<td>Demonstrate a didactic knowledge of physiology.</td>
</tr>
<tr>
<td>3</td>
<td>Describe past science, propose future experiments, and defend their ideas to peers in a proposal format.</td>
</tr>
<tr>
<td>4</td>
<td>Understand that science and research is based on trust—trust between scientists and colleagues, trust between scientists and policy makers, trust between scientists and advisory boards, and trust between scientists and society.</td>
</tr>
<tr>
<td>5</td>
<td>Communicate their science verbally and do so in a clear manner for a variety of audiences.</td>
</tr>
</tbody>
</table>

Summarize the assessment plan.

Approved Assessment Plan:

Commitments

Courses in the curriculum are numbered 300 or higher.

Yes

The program faculty/staff will ensure the program website, Advance Your Career materials if applicable, and other presentations are consistent with the Guide information for this program.

Yes

Supporting Information

List name and department of those who are in support of this proposal.
If those supporting the proposal provided a letter or email of support upload here. A letter is NOT required. Upload any other explanatory information about support from other UW-Madison units.

Additional Information:
- Physiology enrollment trends.pdf
- Physiology correspondence.pdf
- Status of Physiology students 3_14_2019.pdf
- GFEC letter re Physiology program review 10_23_2017.pdf

**Approvals**

*Department Approval* - This proposal has been approved by the faculty at the department/academic unit level. The program faculty confirm that the unit has the capacity and resources (financial, physical, instructional, and administrative) to meet the responsibilities associated with offering the program, including offering the necessary courses, advising students, maintaining accurate information about the program in the Guide and elsewhere, conducting student learning assessment and program review, and otherwise attend to all responsibilities related to offering this program.

Enter any notes about approval here:

*In Fall 2018, all members of the Physiology steering committee voted to approve a plan to discontinue the Physiology program and request that the Cellular and Molecular Biology program serve as the new home for the study of physiology at UW-Madison.*

Entered by: Andrea Poehling
Date entered: 4/18/2019

*School/College Approval* - This proposal has been approved at the school/college level and it is submitted with the Dean’s support. The Dean and program faculty confirm that the unit has the capacity and resources (financial, physical, instructional, and administrative) to meet the responsibilities associated with offering the program, including offering the necessary courses, advising students, maintaining accurate information about the program in the Guide and elsewhere, conducting student learning assessment and program review, and otherwise attend to all responsibilities related to offering this program.

Enter any notes about approval here:

*Unanimously approved at 4/17/2019 SMPH APC meeting.*

Entered by and date: Andrea Poehling
Date entered: 4/18/2019

*GFEC Approval* - This proposal has been approved by the Graduate Faculty Executive Committee and the Dean of the Graduate School.
For Administrative Use

Admin Notes:

Guide URL:

Effective date:

Career: Graduate

SIS Program Code: G792

SIS Short Description: Physiology

Other plan codes associated with this program:

Diploma Text: Master of Science

Diploma Text 2: PHYSIOLOGY

Degree: 890

Field of Study: Biological Science

Program Length: 2
National Student Clearing House Classification:

Plan Group: 792

Educational Level: Masters degrees

Award Category: Master's

Enrollment Category: Master's


STEMOPT:

UWSTEM: Yes

HEALTH:

Educational Innovation Program:

Distance Education Program:

Non Traditional Program:

Special Plan Type:

Added to UW System Crosswalk: Yes

Reviewer Comments

Melissa Rose Schultz (mrschultz3) (11/28/18 3:04 pm): Rollback: Requested rollback by Andrea; Department wants to make changes (suspend/discontinue). Rolling back to for those changes; adjusted workflow so it will follow governance instead of administrative workflows.
Graduate School Applicants, Admits & New Enrollments

Select Term
- Fall Term

Select Student Category
- (All)

Degree Level
- All

Disciplinary Division
- All

Academic Plan
- Physiology PHD

Named Option
- All

Applicants
- Applicant
- Admitted Applicants
- New Enrollments

This visualization was created by the UW-Madison Graduate School Office of Academic Planning and Assessment. Questions should be directed to Peter Kinsley, peter.kinsley@wisc.edu.
October 23, 2017

Donata Oertel, Ph.D.
Professor and Chair
Department of Neuroscience
Director,
Physiology Graduate Training Program
School of Medicine and Public Health
University of Wisconsin-Madison

Sent Electronically

Dear Professor Oertel,

An important part of the University’s continuing commitment to academic excellence is the evaluation of graduate programs by the Graduate Faculty Executive Committee (GFEC) during Program Review. When the School of Medicine and Public Health assembled a committee to conduct a 10-Year Review of the M.S., Ph.D. and Doctoral Minor in Physiology, Professor Caroline Alexander served as the GFEC representative. Professor Alexander led a discussion of the review at the GFEC meeting on October 6, 2017. In this letter, I summarize the committee’s discussion.

The GFEC learned of the many strengths of this graduate program, including its dedicated faculty, highly productive students and notable career outcomes in academics and research. The program has clear requirements and flexible supporting coursework for its interdisciplinary approach, and students are well-funded with training grants and research and teaching assistantships.

Despite these many strengths, the review committee recommended the program consider the following:

- The GFEC noted that the program is small but stable, and it recommended that more attention be paid to recruiting. Applications to the program have steadily declined over the past ten years from almost 50 per year to less than 20 in 2016; this leads the GFEC to believe the program should understand the point at which critical mass for a stand-alone program may not be desirable. The review committee noted that the program is considering curricular changes to bring in elements of “big data” and statistics, which may be more desirable to a greater number of applicants.

- The program is highly functioning but dependent on a relatively small number of leaders. A leadership transition strategy should be developed, in conjunction with an increase in faculty trainer participation. The GFEC agreed with review committee suggestions that the program launch an initiative to bring trainers together periodically to promote community building across various interests and specialization areas, and it should consider including a student representative on a steering committee to help identify student issues.
• It was not clear how graduate students functioned as teaching assistants and whether they received a teaching assistant appointment with commensurate stipend, course credit, both or neither. Moreover, the GFEC was concerned that graduate students did not receive required training given to formally appointed teaching assistants. The committee asks that the program clarify, by January 30, 2018, how its teaching appointments are determined, whether the students receive a teaching assistantship stipend or course credit and what training they receive prior to the assignment.

• Finally, given its lack of use, the GFEC recommends that the doctoral minor be discontinued. For information on the process to discontinue a minor, please visit the Graduate School’s KnowledgeBase here.

The GFEC commends the programs on their strengths and thanks you for your commitment to graduate education.

Sincerely,

William J. Karpus
Dean of the Graduate School
Professor of Pathology and Laboratory Medicine

Cc: Robert Golden, School of Medicine and Public Health
Richard Moss, School of Medicine and Public Health
James Keck, School of Medicine and Public Health
Andrea Poehling, School of Medicine and Public Health
Shelley Maxted, Physiology Graduate Training Program
Jocelyn Milner, Office of the Provost
Sarah Kuba, Office of the Provost
Parmesh Ramanathan, Graduate School
Marty Gustafson, Graduate School
Emily Reynolds, Graduate School
FIRST MESSAGE: Message to Physiology faculty, August 20, 2018

From: Shelley Maxted <maxted@wisc.edu>
Sent: Thursday, August 30, 2018 9:23 AM
To: physiology@lists.wisc.edu
Cc: JAMES L KECK <jlkeck@wisc.edu>
Subject: RESCHEDULED : Meeting to determine the future of the Physiology Graduate Training Program

Dear Physiology Program Trainers,

Sincere apologies, but we have had to reschedule the meeting to discuss the future of the Physiology program.

The meeting will be on **Monday September 10, 4-5pm** in 1225 HSLC (map of room attached)

Again, many apologies for the change and we sincerely hope you can attend and share your thoughts. I will send a calendar invite as well.

Thanks,
Donata and Shelley

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

In 2011 the Physiology Graduate Training Program was formed from what was previously the Physiology departmental graduate program. I invite you to come to a meeting where we discuss the future of the program. The agenda for this meeting will be:

1. Summary of the accomplishments of the program over the past seven years.
2. Future of the program

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

SECOND MESSAGE: Message to Physiology students and faculty, November 5, 2018

From: DONATA OERTEL <doertel@wisc.edu>
Sent: Monday, November 5, 2018 4:54 PM
To: pgtp-seminar@lists.wisc.edu
Subject: future directions

Dear Colleagues in the Physiology Graduate Training Program,

Last Thursday at the seminar I outlined some changes that will be occurring. As some of you were not able to be there, I will summarize what I said in writing.

For some time I have been seeking someone to take my place as Director of the PGTP. As my efforts have not been successful, I have sought some other way to assure that students in the PGTP continue to have the support they need. I am now hoping that the PGTP will merge with the CMB program. David Wassarman, the Director of the CMB program, has been very supportive. The CMB program has two
student coordinators and a payroll and benefits coordinator who understand the administrative needs of a graduate program and will take care of the PGTP students.

What makes the CMB attractive is that the program is, like the PGTP, broad and flexible and will take care of present PGTP students. It comprises 12 focus groups, groups of students and faculty interested in subspecialties. Physiology would begin to function as one of these focus groups. David Wassarman and I agree that all present PGTP students will not need to fulfill the course requirements of the CMB and will get their degrees in Physiology (not CMB). Like the PGTP, the CMB program requires that students give one research seminar annually. I plan to offer Physiology 901 in the spring semester so that everyone gives a seminar this year. If there is interest, I can also offer it next fall. There will be fewer students and everyone can fit into one semester.

The proposed plan has been approved by all members of the PGTP Steering Committee and will, I hope, be approved by the CMB Steering Committee at its Dec 12 meeting.

Some students asked what the future is of physiology on our campus. Physiology is so fundamental that it will not go away. Training in physiology, however, will be spread somewhat differently. I am hoping that there could be a lively physiology focus group in CMB. By their very nature, scientific enterprises change with time.

For me personally it continues to be a pleasure to work with each one of you.

Donata

THIRD MESSAGE: Message to Physiology students and faculty, March 14, 2019

From: DONATA OERTEL
Sent: Thursday, March 14, 2019 9:08 AM
To: pgtp-seminar@lists.wisc.edu
Cc: Shelley Maxted; David Wassarman; CMB Program; RAUNAK SINHA; MRINALINI HOON
Subject: PGTP is part of CMB

Hi,

Yesterday the Steering Committee of CMB voted to include the PGTP in CMB as a new focus group. The Director of CMB, who will now serve as the Director of your Graduate Program is David Wassarman. As you know, Shelley will be leaving to become the Student Services Coordinator of the Biostatistics and Medical Informatics department. You will now be served by the Student Services Coordinator of CMB, Lauren Weitkamp. I have invited David Wassarman and Lauren Weitkamp to come to one of our seminars so you can meet them.

The physiology focus group in CMB will be led by Raunak Sinha, Mrinalini Hoon and myself. I will continue to run our seminar course, Physiology 901 and will continue to do all I can to help you in any way I can.

See you this afternoon!

Donata
Hi,

The University has given us a date that ends the PhD program in Physiology. It will end either when the last student graduates or at the end of the summer 2024, whichever comes first.

Students must complete the Physiology degree before Fall 2024. The last term to complete the Physiology degree will be Summer 2024. Students who do not complete their Physiology degree before Fall 2024 may use a special degree committee to complete their degree. Information about the special degree committee is available at the Graduate School’s website: https://grad.wisc.edu/documents/special-graduate-committee-degrees/

Thank you,

Donata