APS Diversity Programs are designed to increase the overall participation of those from groups which are currently underrepresented in science, technology, engineering, and mathematics (STEM). For more information, visit the-aps.org/diversity.

Programs from the American Physiological Society:

- Awards and Fellowships
- Career Resources
- Outreach Opportunities
- Publications and Reports
- PAESMEM Award

the-aps.org/education
This is a partial listing of awards for trainees and career physiologists. For a complete listing, see the awards section of the APS website (the-aps.org/awards). Note that awards that specifically target underrepresented minority students and scientists are marked with an asterisk (*). All APS awards encourage applications from women and minority trainees and scientists.

**A. Clifford Barger Underrepresented Minority Mentorship Award***
Available to: Established professionals
For an APS member who has successfully mentored underrepresented minority students and has been an outstanding role model in promoting diversity and inclusion in the field of physiology.
Award: $1,000 and up to $1,500 in EB meeting travel expense reimbursement
Application deadline: September 15
the-aps.org/barger

**ADInstruments Macknight Early Career Innovative Educator Award**
Available to: Early career undergraduate faculty
For an APS member who incorporates innovative teaching techniques and utilizes technology resources with undergraduates.
Award: Up to $1,500 in EB meeting travel expense reimbursement plus advanced meeting registration reimbursement; PowerLab PTB 4152 LabTutor Physiology Teaching Bundle from ADInstruments
Application deadline: December 1
the-aps.org/adi

**Bodil M. Schmidt-Nielsen Distinguished Mentor and Scientist Award**
Available to: Established professionals
For an APS member who has made outstanding contributions to physiological research and has demonstrated dedication and commitment to excellence in training of young physiologists.
Award: $1,000 and up to $1,500 in EB meeting travel expense reimbursement
Application deadline: September 15
the-aps.org/schmidtnielsen

**Caroline tum Suden/Frances Hellebrandt Professional Opportunity Awards**
Available to: Graduate students and postdoctoral fellows
Abstract-based awards for graduate student and postdoctoral fellow members who have submitted first author abstracts to EB.
Award: $500 plus advanced EB meeting registration reimbursement
Application deadline: EB abstract deadline
the-aps.org/tumsudenstudent and the-aps.org/tumsudendoc

**Dale J. Benos Early Career Professional Service Award**
Available to: Graduate and medical students, postdoctoral fellows, and early career professionals
For an APS member who has made an outstanding contribution to the physiology community and demonstrated dedication and commitment to furthering the broader goals of the physiology community.
Award: $1,000 plus advanced EB meeting registration reimbursement
Application deadline: January 24
the-aps.org/benos

**David S. Bruce Excellence in Undergraduate Research Awards**
Available to: Undergraduate students
These awards recognize undergraduate students who have received the Bruce Outstanding Undergraduate Abstract Awards and have competed in an oral presentation of their research poster at the Experimental Biology (EB) meeting.
Award: $400, highest ranked gets additional $250
Application deadline: January 12
the-aps.org/bruce

**David S. Bruce Outstanding Undergraduate Abstract Awards**
Available to: Undergraduate students
These awards recognize undergraduate students who are first authors on an abstract submitted to a physiology session at the Experimental Biology (EB) meeting.
Award: $100 plus 2 year complimentary APS membership
Application deadline: January 12
the-aps.org/bruce

**Fleur L. Strand Professional Opportunity Awards**
Available to: Graduate students and postdoctoral fellows
Abstract-based awards for graduate student and postdoctoral fellow members who have submitted first author abstracts to EB. The Strand Award is given to the top ranked Caroline tum Suden/Frances Hellebrandt Professional Opportunity Award applicant.
Award: $1,000 plus advanced EB meeting registration reimbursement
Application deadline: EB abstract deadline
the-aps.org/strandstudent and the-aps.org/strandpostdoc

**Local Undergraduate Research Awards in Physiology**
Available to: Undergraduate students; awards given by graduate students, postdocs, early career faculty and established professionals
These awards encourage APS members to recognize undergraduate researchers at their institution for research excellence in physiology.
Award: One year membership in APS, a certificate, and APS t-shirt
Application deadline: Six weeks before local event
the-aps.org/LURAP

**Minority Travel Fellowship Awards***
Available to: Underrepresented minority graduate students, postdoctoral fellows, and early career professionals
The APS Minority Travel Fellowship Awards offer travel expense reimbursement for and networking opportunities during APS meetings and conferences.
Award: Up to $1,800 in travel expense reimbursement
Application deadline: Varies by meeting
the-aps.org/minoritytravel

**Steven M. Horvath Professional Opportunity Awards***
Available to: Graduate students and postdoctoral fellows
Abstract-based awards for graduate student and postdoctoral fellow members who have submitted first author abstracts to EB. The Horvath Award is given to the top two ranked Caroline tum Suden/Frances Hellebrandt Professional Opportunity Award applicants from underrepresented racial/ethnic minority backgrounds.
Award: $500 plus advanced EB meeting registration reimbursement
Application deadline: EB abstract deadline
the-aps.org/horvathstudent and the-aps.org/horvathpostdoc

**Video Contest: APS Presents… Phantastic Physiology Voyage: “Function Follows Form”**
Available to: Undergraduate and graduate students
This video contest is for undergraduate and graduate students who have created a short video creatively demonstrating and/or exploring a specific physiological subject.
Award: First place video receives $750 plus up to $1,000 for EB meeting travel expense reimbursement; Viewer’s Choice video receives $250
Application deadline: December 15
the-aps.org/video

**Free Teaching Resources**
Over 7,000 open-access, peer reviewed classroom materials for all levels of physiology and life science classrooms.

**Free Communities for Educators**
Read our educator-authored blogs and take part in the discussion forums to learn from your colleagues what’s new and exciting in science education.
Fellowships

This is a partial listing of fellowships for trainees and career physiologists. For a complete listing, see the awards section of the APS website (the-aps.org/awards). Note that awards that specifically target underrepresented minority students and scientists are marked with an asterisk (*). All APS awards encourage applications from women and minority trainees and scientists.

**Frontiers in Physiology Professional Development Fellowships***
Available to: Middle and High School Teachers
Experience online professional development, build a learning community with teachers from across the county, spend a summer engaged in physiology research in an APS member’s lab, travel to scientific meetings in one of our teacher fellowships. Details can be found at frontiersinphys.org. Underrepresented minorities and teachers at primarily minority schools are especially encouraged to apply.
Application deadline: Late January
www.frontiersinphys.org

**IOSP Fellowships for Underrepresented Undergraduate Students***
Available to: Undergraduate students
For full-time U.S. undergraduates from groups traditionally underrepresented in basic research to work in an APS member’s lab working in a comparative physiology-related area. Award: $4,000 stipend, $1,050 subsistence, up to $750 for EB meeting travel expense reimbursement, and a two-year complimentary APS membership. Accommodations are available for students with disabilities.
Application deadline: February 1
the-aps.org/ioosp

**K-12 Minority Outreach Fellowships***
Available to: Underrepresented minority graduate students and postdoctoral fellows
The APS K-12 Minority Outreach Fellowships provide opportunities for trainees to visit K-12 classrooms, conduct workshops, and attend scientific meetings. Applicants must be an APS member in good standing and enrolled in a U.S. Institution.
Award: ~$4,800 in travel expense reimbursement, plus outreach supplies
Application deadline: December 31
the-aps.org/k12minorityoutreach

**Porter Physiology Development Fellowships***
Available to: Underrepresented minority graduate student Members
Full-time fellowship program for students enrolled in graduate programs leading to the Ph.D. in the physiological sciences. Applicants must be an APS member in good standing and enrolled in a U.S. Institution.
Award: $28,300
Application deadline: January 15
the-aps.org/porter

**STRIDE Fellowships for Underrepresented Undergraduate Students***
Available to: Undergraduate students
For full-time U.S. undergraduates from groups traditionally underrepresented in biomedicine to work in an APS member’s lab working in a NHLBI-related area. Award: $4,000 stipend, up to $1,200 for EB meeting travel expense reimbursement, and a two-year complimentary APS membership. Accommodations are available for students with disabilities.
Application deadline: February 1
the-aps.org/stride

**Undergraduate Research Excellence Fellowships***
Available to: Undergraduate students
For full-time 2nd- through 4th-year undergraduates world-wide with significant research experience to work in an APS member’s lab and to attend the EB meeting.
Award: ~$4,800 in travel expense reimbursement, and a two-year complimentary APS membership.
Application deadline: February 1
the-aps.org/urcf

**Undergraduate Summer Research Fellowships***
Available to: Undergraduate students
For full-time 1st- through 3rd-year undergraduates world-wide with minimal research experience to work in an APS member’s lab and to attend EB meeting.
Award: ~$4,000 stipend, up to $1,300 for EB meeting travel expense reimbursement, and a two-year complimentary APS membership.
Application deadline: February 1
the-aps.org/ugsrf

**Undergraduate Research Excellence Fellowships***
Available to: Undergraduate students
For full-time 2nd- through 4th-year undergraduates world-wide with significant research experience to work in an APS member’s lab and to attend the EB meeting.
Award: ~$4,800 in travel expense reimbursement, and a two-year complimentary APS membership.
Application deadline: February 1
the-aps.org/urcf

**Undergraduate Summer Research Fellowships***
Available to: Undergraduate students
For full-time 1st- through 3rd-year undergraduates world-wide with minimal research experience to work in an APS member’s lab and to attend the EB meeting.
Award: ~$4,000 stipend, up to $1,300 for EB meeting travel expense reimbursement, and a two-year complimentary APS membership.
Application deadline: February 1
the-aps.org/ugsrf

**APS Undergraduate Orientation Session***
Available to: Undergraduate students
Orientation session at EB meeting for undergraduate students working in physiology.
the-aps.org/ugorient

**Professional Skills Training Courses***
Available to: Graduate students, postdoctoral fellows and early career professionals
These courses follow three tracks – track one focuses on scientific poster creation, presentation, networking, and abstract writing; track two focuses on writing and reviewing for journals; and track three focuses on interviewing skills for an academic or industry position. Courses offered yearly online. The Writing and Reviewing Skills course is held live every January. Travel awards may be available for minority applicants.
Application deadline: See website
the-aps.org/pst

**Events**

**Physiology Understanding Week (PhUn Week)**
Available to: K-12 students and teachers, APS regular and student members
PhUn Week is APS’ nationwide K-12 outreach event. Each November hundreds of physiologists interact with thousands of K-12 students via school visits, campus visits, and special events. Information on events, activities, resources, and PhUn Week strategies are available at the PhUn Week website. Each site must submit a planner for approval.
Application deadline: PhUn Week planners must be submitted in early fall
www.phunweek.org

**Porter Reunion Reception for Minority Physiologists***
Available to: Underrepresented minority students and scientists attending EB
This annual reception at the EB meeting is an excellent opportunity to meet minority physiologists at both early and established career levels.
Date: First afternoon of EB (generally Saturday)
the-aps.org/eglobal

**APS Undergraduate Poster Session***
Available to: Undergraduate students
Special session at EB meeting for undergraduates presenting a 1st-author poster in a physiology session.
the-aps.org/ugposter

**APS Undergraduate Orientation Session***
Available to: Undergraduate students
Orientation session at EB meeting for undergraduate students working in physiology.
the-aps.org/ugorient

**Professional Skills Training Courses***
Available to: Graduate students, postdoctoral fellows and early career professionals
These courses follow three tracks – track one focuses on scientific poster creation, presentation, networking, and abstract writing; track two focuses on writing and reviewing for journals; and track three focuses on interviewing skills for an academic or industry position. Courses offered yearly online. The Writing and Reviewing Skills course is held live every January. Travel awards may be available for minority applicants.
Application deadline: See website
the-aps.org/pst
Additional teaching and career resources are available at the APS Education website (the-aps.org/education).

**APS Connect Minority and Trainee Communities**
*Available to: All*
Exclusive online communities designed to serve as a hub for communicating with fellow APS members. Open to all individuals. connect.the-aps.org

**APS Diversity Publications, Reports, and Multimedia**
*Available to: All*
APS publishes reports and briefs highlighting the impacts of APS diversity programs. The Society also has a growing collection of video and print interviews with physiologists from diverse groups. the-aps.org/minoritypubs

**APS/ACDP List of Professional Skills for Physiologists and Trainees**
*Available to: Undergraduate and graduate students, postdoctoral fellows, and early career professionals*
Categories include Core Biomedical Science Knowledge, Professional Ethics, Laboratory-Related Skills, Research/Analytical Skills, Communication Skills, Teaching and Mentoring Skills, Personnel and Management Skills, Lifelong Learning Skills, and Career Development Skills. the-aps.org/skillslist

**APS/ACDP Medical Physiology Learning Objectives** *(updated 2012)*
*Available to: Medical faculty and medical students*
List of learning objectives in cardiovascular, cell/molecular, endocrinology/metabolism, gastrointestinal, exercise/integration, muscle, neurophysiology, renal, & respiratory physiology. the-aps.org/medphysobj

**Career Development Resources**
*Available to: All*
Resources on career development and mentoring issues. Topics include career choices and planning, mentoring and being mentored, professional networking, oral and written research presentation, job search and interviews, managing a lab and personnel, teaching, advancement and promotion, and balancing career and family. the-aps.org/careers

**Expert Voices on Diversity**
*Available to: All*
View and listen to invited speaker talks on diversity from the APS Minority Travel Fellow Luncheon program. lifescitrc.org/collection.cfm?collectionID=2769

**List of Institutions Granting Degrees in Physiology**
*Available to: High school, undergraduate and graduate students*
List of institutions with degree programs in physiology at all levels and contact persons. the-aps.org/degrees

**Mentoring Forum**
*Available to: All*
Articles and discussions on the critical professional activity of mentoring and being mentored. the-aps.org/mentoringforum

**Mentoring or Working with Students with Disabilities**
*Available to: All*
Articles and resources for researchers mentoring or working with students with disabilities. lifescitrc.org/collection.cfm?collectionID=2420

**APS Undergraduate Researcher Blog**
*Available to: All*
Student-and researcher-written blog on topics including current research, professional development and summer research experiences. http://blog.lifescitrc.org/ugresearch

**Refresher Courses in Physiology**
*Available to: Early career and established physiologists*
EB session for physiology content overview in specific areas for non-specialists with teaching responsibilities in that area. Presentations are published online and as journal articles. the-aps.org/refresher

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- APS Women in Physiology Committee Facebook • facebook.com/APS.WIPC
- Life Science Teaching Resource Community Facebook • facebook.com/LifeSciTRC
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