

Student Funding Opportunities



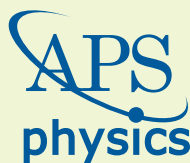
FINANCIAL OPPORTUNITIES FOR STUDENTS

APS and its Units have worked to create opportunities that help fund student research and travel to meetings. These awards and funding opportunities strive to recognize exceptional young scientists and promote their work and dedication.

Highlighted in this brochure are many of the resources available to students. This information includes programs identified as of January 2017. Please visit the APS website, <http://www.aps.org>, to keep updated on new and upcoming opportunities.



Trish Lettieri
Director of Membership
American Physical Society



STUDENT FUNDING 2017 FUTURE OF PHYSICS DAYS TRAVEL AWARD

The Future of Physics Days (FPD) Travel award is for undergraduates presenting research at the APS March or April Annual Meetings. All presenting undergraduates are eligible for the award, which amounts to \$1000 (\$500 from APS with a guaranteed \$500 match from the student's physics department). In order to be eligible for this award, students must submit an abstract (as the primary author/presenter), and be registered for the meeting. This award is for undergraduate students only. For more information please visit our Future of Physics Days Travel Award page: aps.org/meetings/events/futurephysics/travelgrants.cfm

INDIA-U.S. TRAVEL PROGRAM

The APS-IUSSTF Physics Ph.D. Student and Post-doc Visitation Program allows U.S. and Indian graduate students and post-docs to apply for travel funds of \$3,000 to pursue opportunities in physics. The funds can be used to attend a short-course or summer institute, work temporarily in a laboratory, or for another opportunity that the applicant and host believe is worthy of support. The program aims to mostly support travel to India by U.S. citizens, while enabling some students and post-docs from India to travel to the United States. This program is funded by the Indo-U.S. Science & Technology Forum (IUSSTF) and administered by APS: aps.org/programs/international/honors/us-india-travel.cfm

BRAZIL-U.S. EXCHANGE PROGRAM

Through the Brazil-U.S. Exchange Program, physics Ph.D. students and postdocs in the U.S. can apply for travel funds to pursue a breadth of opportunities in physics in Brazil, such as attending a short-course or summer institute, working temporarily in a lab, or another opportunity that the applicant and host believe is worthy of support. Grants are for up to \$3,000. Graduate students in Brazil can also apply to the Sociedade Brasileira de Física (SBF) for travel funds to travel to the U.S. Additional information, including application guidelines for U.S. applicants, can be found at: aps.org/programs/international/programs/brazil.cfm



DIVISION OF ATOMIC, MOLECULAR & OPTICAL PHYSICS

DAMOP, along with other sponsors, provides travel grants to 50 or more undergraduate and graduate students to attend the DAMOP Annual Meeting each year. The travel awards range from \$300 to \$500 per student. Instructions for applications are currently posted at: aps.org/units/damop/meetings/annual/travel.cfm

DAMOP also strongly supports excellence in graduate research through the annual Award for Outstanding Doctoral Thesis Research in Atomic, Molecular, or Optical Physics. Typically five finalists are chosen by the DAMOP Thesis Prize committee during the Fall preceding the Annual Meeting. Finalists are given \$1000 in travel stipend to attend the Annual Meeting, and to compete through presentations made at the DAMOP Thesis Prize Session. The winner receives a certificate and an award of \$2500. Additional information may be found by visiting: aps.org/units/damop/awards/thesis.cfm

DIVISION OF BIOLOGICAL PHYSICS

The Division of Biological Physics will award several travel grants of up to \$400 per student as the first author of contributed papers (talks or posters) in sessions sponsored by DBIO at the March Meeting. For more information, please see: aps.org/units/dbp/awards/student.cfm

DIVISION OF CHEMICAL PHYSICS

APS Division of Chemical Physics New Investigator Travel Awards of up to \$500 are available for graduate students and postdoctoral researchers within two years of their Ph.D. who present a paper at one of the DCP Symposia at the APS March Meeting. Eligible expenses include reduced rate airfare or car travel, registration, economy room and board for the duration of the meeting, and a child-care stipend for a parent attending the meeting. For more information, please visit: aps.org/units/dcp/awards/gsta.cfm or aps.org/units/dcp/awards/

DIVISION OF COMPUTATIONAL PHYSICS

The Division annually awards the Nicholas Metropolis Award for Outstanding Doctoral Thesis Work in Computational Physics. The award consists of \$2,500 and a certificate to be presented at an awards ceremony at the Division of Computational Physics annual meeting and an additional allowance of up to \$1500 to travel to the meeting. The Division also awards travel grants to student members (undergraduate or graduate) who are presenting a talk in a DCOMP sponsored or co-sponsored session. Award amounts will vary by demand, but usually will be less than \$500. Preference is given to speakers giving invited talks. Application procedures will be announced via an e-mail to DCOMP members in late winter giving instructions for how to apply to both the March and April annual meetings. For more information, please visit aps.org/programs/honors/dissertation/metropolis.cfm.

DIVISION OF FLUID DYNAMICS

The Andreas Acrivos Dissertation Award in Fluid Dynamics annually provides recognition to exceptional young scientists who have performed original doctoral thesis work of outstanding scientific quality in fluid dynamics. The annual award consists of \$1,000, a certificate citing the accomplishments of the recipient, and an allowance of up to \$1,500 for travel to attend the annual meeting of the Division of Fluid Dynamics. For more information, please visit: aps.org/units/dfd/index.cfm.

DFD wishes to promote the subject of fluid dynamics and help those who find the financial burden of the annual meeting difficult. The DFD funds Travel Awards of \$500 for young researchers located in North America and \$1,000 for those located elsewhere. For more information, please visit: aps.org/units/dfd/programs/

DIVISION OF LASER SCIENCE

Student Travel Grant Program DLS provides partial funding (up to \$500) for a limited number of graduate students to attend and participate in our two major meetings, CLEO in the spring and Frontiers In Optics/Laser Science in the fall. To be eligible, the student must be a member of APS-DLS and must be the presenting author on an accepted oral or poster presentation. Deadlines are May 1 for CLEO and Sept. 1 for FiO/LS. For further information, please visit: aps.org/units/dls/student.cfm

Carl E. Anderson Division of Laser Science Dissertation Award

Eligible attendees will be doctoral students at any university in the United States or abroad who have passed their dissertation defense for the Ph.D. any time during the three calendar years preceding the application deadline.

DIVISION OF MATERIALS PHYSICS

The Division of Materials Physics Ovshinsky Student Travel Awards have been established to assist the career of outstanding student researchers. There will be about ten \$500 awards and ten \$150 honorable mention awards each year to enable students to participate in the APS March Meeting sessions, which are sponsored by the Division of Materials Physics. The selection will be based on merit and the student's contribution. The committee will consist of members of the Executive Committee of the Division of Materials Physics. For more information please visit:

aps.org/units/dmp/meetings/travel.cfm

DIVISION OF NUCLEAR PHYSICS

To recognize a recent Ph. D. in Nuclear Physics, the Dissertation award consists of \$2,500, plus an allowance for travel to the annual Fall Meeting of DNP, at which the award will be presented and a talk will be given in a DNP invited paper session. Nominations are open to any person who has received a PhD in experimental or theoretical nuclear physics from a North American university within the two-year period preceding the nomination deadline of July 1st. For more information please visit: aps.org/units/dnp/awards/

DNP provides a limited number of \$400 student travel awards to encourage graduate students to participate in the APS's April Meeting. Selection is based upon merit and need. Information is posted on the DNP web page aps.org/units/dnp/ in early January.

DIVISION OF NUCLEAR PHYSICS (continued)

The DNP co-sponsors the Conference Experience for Undergraduates (CEU) program along with the National Science Foundation's Physics Division and the Department of Energy's Office of Nuclear Physics. Travel and lodging grants are awarded to undergraduate students to attend the DNP fall meeting and to present posters detailing their research in the field of nuclear physics. For more information please visit: uwlax.edu/ceu/

DIVISION OF PARTICLES & FIELDS

DPF will provide partial travel support for a limited number of students to attend the April APS meeting. The travel award will be up to \$500 in a travel reimbursement, depending on the number of travel award recipients. To be eligible for the award, a student must be presenting a paper at the meeting in the category of Particles and Fields and must be a student at a U.S. educational institution. For more information, please visit: aps.org/units/dpf/meetings/students.cfm.

J.J. and Noriko Sakurai Dissertation Award

The award recognizes exceptional young scientists who have performed original doctoral thesis work of outstanding scientific quality and achievement in the area of theoretical particle physics. The annual award consists of \$1,500, a certificate citing the accomplishments of the recipient, and an allowance of up to \$1,000 for travel to attend a meeting of the Division of Particles and Fields (DPF) or APS, where the award will be presented. For more information, please visit: aps.org/units/dpf/awards/particle.cfm

Mitsuyoshi Tanaka Dissertation Award in Experimental Particle Physics

To provide recognition to exceptional young scientists who have performed original doctoral thesis work of outstanding scientific quality and achievement in the area of experimental particle physics. The annual award consists of \$1,500, a certificate citing the accomplishments of the recipient, and an allowance of up to \$1,000 for travel to attend the annual meeting of the Division of Particles and Fields (DPF) at which the award will be presented. For more information, please visit:

aps.org/units/dpf/awards/tanaka.cfm

DIVISION OF PHYSICS OF BEAMS

This annual award recognizes doctoral thesis research of outstanding quality and achievement in beam physics and engineering. The annual award consists of \$2,500 and a certificate to be presented at an awards ceremony at the Division of Physics of Beams Annual Meeting, and an additional allowance of up to \$500 for travel to the meeting. The recipient will be invited to present the work as an invited talk in an appropriate session of the meeting. For more information: aps.org/units/dpb/awards/beam.cfm.

DIVISION OF PLASMA PHYSICS

Marshall N. Rosenbluth Outstanding Doctoral Thesis Award

To provide recognition to exceptional young scientists who have performed original thesis work of outstanding scientific quality and achievement in the area of plasma physics. The award consists of \$2,000 and a certificate to be presented during the award ceremony at the banquet for the Division of Plasma Physics Annual Meeting. For more information, please visit: aps.org/programs/honors/dissertation/rosenbluth.cfm

DIVISION OF POLYMER PHYSICS

The Padden Award is given yearly to graduate students for “Excellence in Polymer Physics Research.” Details of the qualifications for the award and the deadlines are listed on the web site: units.aps.org/units/dpoly/prizes/padden.cfm. DPOLY often supports a number of students to attend the DPOLY Short Course held each March just ahead of the March Meeting. This is limited to students who are members of DPOLY and generally consists of the division (or other sponsors) covering the cost of the student’s registration (typically \$150).

DIVISION OF GRAVITATIONAL PHYSICS

The APS Division of Gravitational Physics presents annually a \$200 award to the best talk presented by a student in each of the regional Gravity Meetings: East Coast, Pacific Coast, Gulf Coast, and Midwest. For more information, please visit: aps.org/units/dgrav/awards/student.cfm

DGRAV awards travel grants for outstanding students to present talks in DGRAV sessions at the annual APS April meeting. Eligible expenses include airfare, car travel, registration and lodging, and the awards are up to \$300 per individual. For more information, please visit: aps.org/units/dgrav/awards/travel-grants.cfm.

TOPICAL GROUP ON FEW-BODY SYSTEMS & MULTIPARTICLE DYNAMICS

The APS topical group on Few-Body Systems and Multiparticle Dynamics wants to encourage the participation of young researchers: at the APS April meeting, and at the meeting of the Division of Atomic, Molecular, and Optical Physics. To apply, the young researcher should fill out the online form at tunl.duke.edu/gfb/.

TOPICAL GROUP ON HADRONIC PHYSICS

To recognize outstanding young scientists who have performed original research in the area of hadronic physics, the APS Topical Group on Hadronic Physics has established a Dissertation Award. The award consists of \$1000 and a travel allowance of up to \$1500 to attend the biennial meeting of the Topical Group on Hadronic Physics. Nominations are due September 6. For more information, please visit: aps.org/units/ghp/awards/hadronic.cfm.

The GHP also provides a limited number of travel awards, including complimentary registration, to encourage graduate students to participate in the biennial GHP meetings. Students must submit an abstract to present a talk and provide a statement of support from their advisor. Selection is based upon merit and need. In odd years GHP holds its annual workshop before the APS April meeting. Limited support is available for graduate students who wish attend this meeting.



TOPICAL GROUP ON INSTRUMENT & MEASUREMENT SCIENCE

The GIMS topical subgroup offers student travel support of up to \$500 for student presenters at March meeting sessions that are sponsored by GIMS. For information regarding deadlines and contact information, please visit, please visit:

aps.org/units/gims/meetings/index.cfm

TOPICAL GROUP ON MAGNETISM AND ITS APPLICATIONS

To increase student participation and involvement in activities essential to GMAG and APS as a whole, GMAG will sponsor up to ten Student Travel Awards for the March Meeting. The award will consist of \$250 in travel assistance to attend the meeting. In order to encourage students working in magnetism, every year GMAG sponsors Outstanding Dissertation in Magnetism Awards. GMAG will present up to three dissertation awards at the next APS March Meeting. These awards will recognize students who have conducted outstanding research leading to their dissertation and will consist of an invited talk in an appropriate session at the APS March Meeting, a \$500 prize to the student, and up to \$250 toward his/her travel expenses to the APS March Meeting. More details and deadlines for these programs can be found in the GMAG newsletter: aps.org/units/gmag/awards/index.cfm

TOPICAL GROUP ON SHOCK COMPRESSION OF CONDENSED MATTER

GSCCM provides travel grants for students to attend their biennial meetings occurring in odd numbered years. Typically, \$600 is awarded to each awardee, plus the cost of the conference registration. Deadlines for application are typically early in the year of the conference. Please visit: shockphysics.org/ and click on the link corresponding to the upcoming conference for additional information

TOPICAL GROUP ON STATISTICAL & NONLINEAR PHYSICS

The GSNP Graduate Student Speaker Award is for best-contributed talk at the March meeting by a graduate student in the area of Statistical and Nonlinear Physics. Candidates are nominated in advance by their advisors. Five finalists are selected and present their talks in a special session at the March Meeting. A three member committee reviews the talks and nomination materials and selects a winner. The winner will receive a \$1,000 award and each of the other four finalists will receive \$500 awards. In addition, March meeting travel expenses up to \$500 will be covered for each finalist. For more information, please visit:

aps.org/units/gsnp/meetings/student-speaker.cfm.

FOUR CORNERS SECTION

The Four Corners Section provides travel grants for undergraduate and graduate students who attend its annual fall meeting. Cash prizes are also given out at the meeting for outstanding student papers. For more information, please visit: aps.org/units/4cs/

FORUM ON GRADUATE STUDENT AFFAIRS

The FGSA is committed to increasing the participation of graduate students and other young researchers in scientific conferences and workshops, and has funds available to help cover the cost of travel to such scholarly meetings. We invite applications for travel grants up to \$500 for travel. Awards are limited to one trip per calendar year per person, and the recipient must be a member of the APS and the FGSA. Applications are accepted each quarter. For more information, please visit:

aps.org/units/fgsa/activities/travelgrants.cfm.

FORUM ON THE HISTORY OF PHYSICS

FHP sponsors a travel grant of up to \$600 to help costs associated with attending a meeting; the student must give a talk in an FHP session. A call for proposals usually goes out near the start of the academic year; applicants are asked to submit a brief (1-2 pages) description of their proposed talk. Open to either undergraduate or graduate students.

aps.org/units/fhp/awards/student/

FORUM ON INDUSTRIAL & APPLIED PHYSICS

The Ken Hass Outstanding Student Paper Award The purpose of this award is to recognize outstanding student papers on industrial applications of physics submitted to a sorting category or a focus session sponsored or co-sponsored by the Forum on Industrial & Applied Physics (FIAP) at the APS March meeting. The award consists of \$1,000 and a certificate citing the name of the recipient and the title of the paper. It will be awarded annually at the FIAP business meeting. For more information, please visit:

[org/units/fiap/awards/hass.cfm](https://www.aps.org/units/fiap/awards/hass.cfm)

FAR WEST SECTION

The Far West Section subsidizes travel for students to the section's annual meeting. The student must submit an abstract to the meeting and indicate when registering for the meeting whether he/she would need a shared hotel room. Students will also be considered for a travel reimbursement. Requests for a shared hotel room and travel reimbursement must be received at least one month before and expense reports one month after the meeting. Cash prizes are also awarded for outstanding student papers. For more information, please visit: [aps.org/units/fws/](https://www.aps.org/units/fws/)

NEW ENGLAND SECTION

The New England Section strongly encourages the active participation of students (undergraduates and graduates) in its meetings. Student presenters (one presenter per paper) may be reimbursed up to \$150 for registration fees, abstract publication fees, banquet tickets, hotels, meals, and travel to and from the meeting. For more information, please visit: [aps.org/units/nes/meetings/](https://www.aps.org/units/nes/meetings/)

NORTHWEST SECTION

To enable undergraduate students to participate in the Annual Meeting, we offer a limited number of travel awards of up to \$200 each year. Priority is usually given to unsupported undergraduate and graduate students presenting a poster or a contributed paper. Awardees are expected to join the section. For more information, please visit:

aps.org/units/nws/meetings/student-travel-award.cfm

NEW YORK STATE SECTION

The NYSS makes awards to students to help defray travel and accommodation expenses and attendance at the symposium banquet. These awards are approximately \$150 per student based on the discretion of the student support coordinator. For more information on the New York State Section's funding opportunities, please see:

aps.org/units/nyss/meetings/student.cfm

OHIO-REGION SECTION

The Ohio-Region Section offers funding awards for students who plan to present either a poster or an oral presentation at one of the Section's meetings. Students may be awarded up to \$100 to assist with expenses related to attendance. For each meeting, students should apply for the award by completing the online application form, accessed from the meeting home page. For information about upcoming meetings, please visit:

aps.org/units/osaps/

SOUTHEASTERN SECTION

Undergraduate and graduate students who present a talk or poster in a SESAPS (not SPS) session and who are members of SESAPS are eligible for modest travel grants. The maximum award is \$500 to a single individual. The deadline for applications is one week after the abstract admission deadline for the annual SESAPS meeting. For further information, please visit: aps.org/units/sesaps/meetings/travel-grants.cfm. At each annual SESAPS meeting, undergraduate students chosen as recipients of the "Best Undergraduate Poster" and "Best Undergraduate Oral Presentation" awards will receive a set of the Feynman Lectures.

TEXAS SECTION

The Robert S. Hyer Research Award, of the Texas Section, will be presented each year to two pairs of recipients. The first pair will consist of a recipient who must have been a graduate student when the research was performed, and this student's research advisor.

The second pair will consist of a recipient who must have been an undergraduate student when the research was performed, and that student's research advisor. Each recipient will receive a plaque, and the student recipients additionally will receive \$500 each. Awards will be presented at the Fall meeting.

STUDENT PRESENTATION AWARDS

The Texas Section has sponsored awards for outstanding presentations by both undergraduate and graduate students. The awards can be for presentation in a regular APS oral session or an APS poster session. The awards most recently have been \$200, and typically about one award per seven presentations has been given. aps.org/units/tsaps/awards/

MID-ATLANTIC SECTION

The Mid-Atlantic Section strongly encourages students to participate in its annual meetings. Students registered for a Mid-Atlantic Section meeting may request a subsidy to help offset meeting-related expenses. The number of students receiving the subsidy and the dollar amount of reimbursements will depend on available funding. Students must contact the local host organizing committee to request the subsidy. More information will be available at aps.org/units/mas/meetings several months prior to each meeting.

UPCOMING APS MEETINGS

APS March Meeting 2017

March 13-17, 2017 • New Orleans, LA

APS New England Section

April 14-15, 2017 • Worcester, MA

APS Ohio-Region Section.

May 5-6, 2017 • Ypsilanti, MI

APS Division of Laser Science (CLEO)

May 14-19, 2017 • San Jose, CA

APS Northwest Section

June 1-3, 2017 • Forest Grove, OR

APS Division of Atomic, Molecular and Optical Physics

June 5-9, 2017 • Sacramento, CA

APS Topical Group on Shock Compression of Condensed Matter

July 9-14, 2017 • St. Louis, Mo

APS Division of Particles and Fields

July 31-August 4, 2017 • Batavia, IL

2017 Canadian-American-Mexican Graduate Student Physics Conference (CAM2017)

August 17-19, 2017 • Washington, D.C

APS Division of Plasma Physics

October 23-27, 2017 • Milwaukee, WI

APS Division of Fluid Dynamics

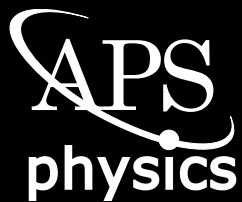
November 19-21, 2017 • Denver, Co

APS March Meeting 2018

March 5-9, 2018 • Los Angeles, CA

APS April Meeting 2018

April 14-17, 2018 • Columbus, OH



FOR MORE INFORMATION PLEASE CONTACT:

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