

## INTERNSHIPS AND FELLOWSHIPS IN SCIENCE & TECHNOLOGY POLICY

### INTERNSHIPS:

**AAAS Internship Opportunities** -- The American Association for the Advancement of Science provides paid and unpaid science policy internship opportunities to undergraduate and graduate students. Internships opportunities are available with several AAAS centers and programs as well as with Science Magazine, the largest circulating weekly of basic research and science policy related news.

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**AAU Internship in Science and Higher Education Policy** -- The Association of American Universities (AAU), an organization of 62 leading public and private research universities in the United States and Canada, provides unpaid internships for college students in the fall, winter/spring, and summer. Among other duties, AAU interns work on substantive projects relating to science and/or higher education policy; track legislation; attend and report on congressional hearings; draft congressional correspondence, briefing papers, and other written materials; and shadow AAU federal relations staff in their daily activities.

**AIBS Graduate Student Policy Internship** -- The AIBS Public Policy Office offers paid and unpaid science policy internships for current and recent graduate students in the biological sciences. This unique public policy training opportunity provides young scientists with valuable first-hand experience in public policy. Past interns have worked on science policy projects including planning a Capitol Hill science policy briefing, preparing science policy documents, conducting research on science and science education policy initiatives, and attending Congressional and executive branch meetings. AIBS also offers an **Emerging Public Policy Leadership Award**. Winners of this award will receive an expense paid trip to Washington, DC to participate in meetings with their congressional delegation, training and information on the federal budget and appropriations process, a one-year AIBS membership, a complimentary one-year subscription to BioScience, and a copy of Communicating Science: A Primer for Working with the Media.

**American Geological Institute Policy Internship** -- The AGI offers fall, spring and summer internship opportunities for undergraduates and Masters students in geoscience who have an interest in public policy and how Washington, DC impacts the geoscience community. Interns gain a first-hand understanding of the legislative process and the operation of executive branch agencies. They also hone writing, research, and web publishing skills.

**APLU Congressional and Governmental Affairs Internship** -- Founded in 1887, the Association of Public and Land-grant Universities (APLU) is a research, policy, and advocacy organization representing

more than 234 public research universities and land-grant institutions in all 50 states. An APLU internship is a unique educational experience for students considering a career in higher education, government relations or science policy. Students with a wide variety of majors have benefited from this internship. Interns will participate in a number of activities, such as attending and reporting on Congressional hearings and federal agency briefings, carrying out research projects, interacting with other members of the higher education community, and other projects and efforts as necessary. Both undergraduate and graduate students are welcome to apply.

**Brookings Institution Center for Technology Innovation** -- The Center for Technology Innovation at Brookings focuses on delivering research in the arena of U.S. and global technology innovation. The CTI's research centers on identifying and analyzing key developments to increase innovation; developing and publicizing best practices to relevant stakeholders; briefing policymakers about actions needed to improve innovation; and enhancing the public and media's understanding of technology innovation.

**Center for American Progress Science Progress Internship** -- American Progress offers full- and part-time internships each summer and academic semester. All undergraduate and master's-level students and J.D. and PhD candidates are eligible to apply. Interns will directly engage with the organization's policy experts and participate in a variety of activities, including training, research, writing, and web-based projects designed to enhance their professional skills. They will gain hands-on experience by directly participating in the many diverse activities in which progressive nonprofits engage.

**California Ocean Science Trust Science (COAST) Policy Internship** -- The California Ocean Science Trust (OST) is a non-profit organization dedicated to accelerating progress towards the state's vision for a healthy, resilient, and productive coast and ocean. Created under the [California Ocean Resources Stewardship Act \(CORSAs\)](#) of 2000, OST brings together and synthesizes scientific information to provide the best recommendations and advice to state partners. OST is a small, nimble professional organization of ten science-policy experts who work on topics and issues that 1) are a priority for California agencies and authorities, 2) can be advanced by the application of new science or scientific approaches, and 3) include an engaged stakeholder community.

**Lewis Burke Associates LLC Science Policy Internship** -- Lewis Burke is a Washington, DC based lobbying and consulting firm specializing in advocacy for scientific research and higher education. Interns can expect to conduct substantive research on matters of interest to the firm's clients, including research funding, student aid, energy, space, transportation, computing, health, technology transfer, and environmental science, expand their knowledge of the legislative process and issues of interest based on interaction with other Lewis-Burke staff, clients, and congressional/federal employees and attend congressional hearings and federal agency meetings and produced summaries and analysis of the events. Internships are structured around the academic semester/summer schedule. A stipend will be provided based on experience and availability.

**Lloyd V. Berkner Space Policy Internship** -- The goal of the Lloyd V. Berkner Space Policy Internship Program is to provide promising undergraduate and graduate students with the opportunity to work in the area of civil space research policy in the Nation's capital, under the aegis of the National Academies Space Science Board. The Lloyd V. Berkner Space Policy Internships are offered twice annually. The

summer program is restricted to undergraduates and the autumn program is open to both undergraduate and graduate students.

**MIT Washington Office Internship** -- Working with the Senior Legislative Assistant, interns assist MIT staff by playing an active role in national policy debates of relevance to research universities. Specifically, the intern is responsible for producing substantive written assignments that encompass work on current and emerging legislation, congressional testimony, congressional committee hearings, Executive branch directives and agency actions, especially in regard to regulations and new initiatives. Interns are an integral part of the office team and actively interact with Congressional offices, higher education associations, science societies, other university government relations representatives, and federal agency staff. Opportunities for individual initiative are provided and office tasks are kept to a minimum.

**National Council for Science and the Environment** -- The National Council for Science and the Environment (NCSE) offers internships for students and recent graduates throughout the year. Preference is given to students or graduates of the NCSE's University Affiliate institutions. NCSE interns may assist in outreach to the academic, governmental, business, and civil communities and some have the opportunity to work directly with the on NCSE science policy matters. Opportunities made available to interns include attending briefings, seminars and conferences -- all important networking opportunities in D.C. and on Capitol Hill.

**NIH Internship Opportunities in Federal Technology Transfer** -- The NIH Office of Technology Transfer(OTT) has internship opportunities available. OTT is responsible for patenting, marketing, and licensing technologies resulting from basic research done at NIH and FDA. Our industry partners license these basic inventions and commercialize them for the benefit of the general public. Interns will work with OTT staff in the areas of patenting, marketing, licensing, IT and technology transfer policy in pursuit of these goals. Internships are generally limited to part-time (1-2 days per week) and a maximum of 6 months. Variations may be approved on a case-by-case basis.

**NSF Summer Scholars Internship Program** -- The mission of NSF's Summer Scholars Internship Program (SSIP) is to develop undergraduate and graduate student potential through exposure to relevant science and engineering policy, research and education issues and programs; and to encourage students to earn graduate degrees and pursue careers in science, technology, engineering, and mathematics (STEM) fields. SSIP participants leave NSF with a better understanding of science administration and how Federal policies affect the science and engineering community. Participation in this program is limited and applications are coordinated through The American Indian Science & Engineering Society; The Hispanic Association of Colleges and Universities; The Quality Education for Minorities Network; and The Washington Internships for Native Students.

**Public Policy Institute of California** -- The summer intern program at PPIC provides an opportunity for undergraduate and graduate students interested in a public policy career to work in a policy research environment. These internships are particularly appropriate for students in programs in economics, public administration, public policy, sociology, political science, urban planning, demography, and related disciplines. Generally, strong statistical and computer skills are required.

**Potomac Institute for Policy Studies Science & Technology Policy Internship** -- Potomac Institute seeks interns who want to be at the heart of the debate about science and technology policy in the US. Interns assist with research, writing, planning, and organizational activities that support the Institute's mission to provide a forum for the free exchange of ideas for the purpose of informing public policy. Focus centers on cyber security, neuroscience, counter-terrorism technology, and future trends that affect security and society.

**Research!America Science Policy Internship** -- Perform background research and write fact sheets, newsletter articles and text for Research!America's website, track relevant policy issues, including budget and appropriations legislation, attend briefings, meetings, and hearings on Capitol Hill, as well as events off Capitol Hill that are relevant to our organization's mission and complete a self-directed project on a science policy topic relevant to the mission of Research!America.

**Society of Physics Student Internship Program** -- Through the SPS summer internship program, physics undergraduates are placed in organizations that utilize their knowledge, experience and energy to advance meaningful assignments relevant to the organization and the advancement of physics more generally. Participating organizations assign one or more mentors from their senior staff to guide each intern's work and overall experience. The SPS national office administers the program, hosts joint orientation and concluding sessions, and holds many group activities throughout the summer.

**S&T Adviser to U.S. Secretary of State Internship** -- The Office of the Science and Technology Adviser to the Secretary (STAS) provides scientific and technical advice and resources to bureaus and offices at the U.S. Department of State, building upon the Secretary of State's emphasis on utilizing "smart power," "economic statecraft," and "whole-of-society" approaches. Reporting to the Under Secretary for Economic Growth, Energy, and the Environment, STAS promotes science, technology, and engineering as integral components of U.S. diplomacy.

**Science & Technology Policy Institute (STPI) Summer Associates** -- STPI hires summer interns through IDA's summer intern program as well as in adjunct positions. Typically, interns work in one of research areas described [here](#) on a topic that informs science and technology policy.

**US House Science, Space and Technology Committee Internship** -- The House Science, Space and Technology Committee is involved in many key science and technology policy issues facing the U.S. Congress. The committee has partial or complete jurisdiction over the following federal agencies: the National Science Foundation, NASA, the Department of Energy, EPA, NOAA, National Institute of Standards and Technology and the United States Geological Survey. To learn more about internship opportunities with the Committee, e-mail: [science@mail.house.gov](mailto:science@mail.house.gov) or call: 202-225-6371.

Individuals interested in applying for internships working for the **Republicans** on the Committee should mail a cover letter and resume to: Committee on Science, Space, and Technology c/o Internship Program 2321 Rayburn House Office Building Washington DC, 20515. Those interested in applying for internship to work for the **Democrats** on the Committee can learn more [here](#).

**Washington Internship for Students of Engineering (WISE)** -- WISE enables students entering their

final year of undergraduate engineering study to spend the summer in Washington, D.C. learning how government officials make decisions on complex technological issues and how engineers can contribute to legislative and regulatory public policy decisions. The program is jointly sponsored by several major engineering societies.

**Wilson Center Science and Technology Innovation Program Internship** -- The Science and Technology Innovation Program (STIP) at the Woodrow Wilson International Center for Scholars is currently seeking interns for the fall, spring, and summer semesters. The mission of STIP is to explore the scientific and technological frontier, stimulating discovery and bringing new tools to bear on public policy challenges that emerge as science advances. We work across a range of issues from emerging technology foresight and governance to ethics, strategic planning to risk management, technology assessment to regulatory reinvention, both domestically and internationally.

**White House Office of Science & Technology Policy Internship** -- The mission of the Office of Science and Technology Policy is threefold; first, to provide the President and his senior staff with accurate, relevant, and timely scientific and technical advice on all matters of consequence; second, to ensure that the policies of the Executive Branch are informed by sound science; and third, to ensure that the scientific and technical work of the Executive Branch is properly coordinated so as to provide the greatest benefit to society. OSTP offers policy and legal internships for fall, spring and summer terms with each term lasting no more than 90 days. These positions are unpaid; however, students may be eligible to receive academic credit from their college or university. To defray the cost of commuting to OSTP, interns may also receive a public transit subsidy. Policy internships are open to interested students from all majors and programs, including law school programs. Legal internships, however, are only open to law and LLM students.

## FELLOWSHIP OPPORTUNITIES

**AAAS Science and Technology Policy Fellowship** -- The American Association for the Advancement of Science manages and administers Science & Technology Policy Fellowships in six areas: Congress; Diplomacy; National Defense and Global Security; Health, Education and Human Services; Energy, Environment, Agriculture and Natural Resources; and, Global Stewardship. The AAAS S&T Policy Fellowships provide an excellent opportunity for accomplished scientists and engineers to participate in and contribute to the federal policymaking process while learning firsthand about the intersection of science and policy.

**AIBS Member Society Graduate Student Science Policy Fellowship** -- The program offers current graduate students pursuing a degree in the biological sciences the chance to spend three to six months in AIBS's Public Policy Office, located in downtown Washington, DC. During this period, the Fellow gains first-hand science policy experience while working on a science policy project that advances the goals of the sponsoring member society.

**APS Early Career Advocacy Fellowship** -- The American Physiological Society's Early Career Advocacy Fellowship is a two-year program that provides early career investigators with the skills to become long-term advocates for scientific research. Fellows attend an orientation session at the annual

Experimental Biology meeting and the APS Science Policy Committee (SPC) fall meeting. Experienced members of the SPC mentor participants in developing their advocacy skills and accompany them for a day of Capitol Hill visits. Please note that this is a part-time fellowship that can be carried out while fellows remain in their full-time positions at their home institutions.

**ASBMB Science Policy Fellowship Program** -- ASBMB's science policy fellowship offers recently graduated PhDs exposure to a range of activities regarding science policy and congressional and government relations. Fellows work in the public affairs office of ASBMB headquarters, located just outside of Washington D.C. Applications are accepted in early spring. The fellow serves for 12-18 months. Outside of the general responsibilities, the fellow will have significant freedom to follow specific topics and issues that are of interest to him/her.

**ASHG Genetics & Education Fellowship** -- This is a fellowship program designed for genetics professionals with an advanced degree who are early in their careers and interested in the development and implementation of national genomics literacy efforts, informal science education, science education policy, program development, or science education research. The fellow will have the opportunity to participate in genetics education program development at the NHGRI and ASHG and to work directly with other organizations involved in genetics education (optional). Annual 72k stipend plus benefits. Duration: 16 months.

**ASHG Genetics & Public Policy Fellowship** -- This is a fellowship program designed for genetics professionals with an advanced degree who are early in their careers and interested in the development and implementation of genetics-related health and research policies at a national level. The fellow will have the opportunity to participate in policy analysis at NHGRI and ASHG, and to work directly within the U.S. Congress. Annual 72k stipend plus benefits. Duration: 16 months.

**ASME Foundation Swanson Fellowship: Advanced Manufacturing National Program Office (NPO)** - serve a one-year fellowship at the Advanced Manufacturing National Program Office (NPO) hosted by the National Institute of Standards and Technology (NIST), in Gaithersburg, Maryland.

**Breakthrough Institute Generation Fellows Program** -- Every summer from June to August, Generation offers a small number of paid, highly competitive, ten-week fellowships to recent college graduates and postgraduates from around the world. The first two weeks are dedicated to Breakthrough Bootcamp, an intellectual crash course involving intensive reading, writing, and an expert lecture series designed to provide a grounding in the broad-spectrum thinking that informs Breakthrough's policy agenda. Topics covered include modernization theory, social psychology, aspirational politics and philosophy, economics and innovation policy, and technology policy.

**California Council on Science and Technology (CCST) Science and Technology Policy Fellowship** -- The CCST Science and Technology Policy Fellowships place professional scientists and engineers in the California State Legislature for one-year appointments. The fellowships are ideal for qualified applicants who are interested in improving the interface between science and legislative decision-making and who want to learn the public policy decision-making process.

**Canadian Science Policy Fellowship Program** -- An initiative of the Canadian Institutes of Health Research (CIHR), the Science Policy Fellowships Program, is designed to foster positive exchanges between health researchers and policy makers in order to help bridge the gap between the worlds of science and policy making. The Program provides academic researchers with the opportunity to undertake short-term assignments at Health Canada, the Public Health Agency of Canada and the Canadian Food Inspection Agency to work on a specific policy issue (e.g., health policy, science policy, or regulatory policy).

**Energy Efficiency and Renewable Energy (EERE) Science & Technology Policy Fellowship** -- serve as a next step in the educational and professional development of scientists and engineers interested in energy efficiency and renewable energy policy. The EERE STP Fellowships provide an opportunity for highly talented scientists and engineers to participate in policy-related projects at DOE's Office of Energy Efficiency and Renewable Energy in Washington, D.C. EERE STP Fellows apply the expertise gained from their education and history of conducting research to new and ongoing EERE initiatives.

**IEEE Government Fellowships** -- IEEE-USA sponsors Fellowships for qualified IEEE members to spend a year in Washington serving as advisers to the U.S. Congress and to key Executive Branch decision-makers.

**Mirzayan Science & Technology Policy Graduate Fellowship Program** -- The Christine Mirzayan Science & Technology Policy Graduate Fellowship Program within the National Academies' Policy and Global Affairs Division is designed to engage graduate science, engineering, medical, veterinary, business, public policy, and law students in the analytical process that informs the creation of national policy-making with a science/technology element. As a result, students develop basic skills essential to working in the world of science policy.

**Presidential Management Fellows Program (PMF)** -- The PMF Program provides an excellent opportunity for men and women from a variety of academic disciplines and career paths who have an interest in, and commitment to, public service and to excellence in the leadership and management of public policies and government programs. The PMF Program, administered by the U.S. Office of Personnel Management (OPM), is a two-year paid fellowship which includes 160 hours of formal classroom training and a mandatory four to six-month developmental assignment plus optional rotations of one to six months. PMF fellows work at over 80 federal agencies and engage with current and future government leaders in solving domestic and international issues in a wide range of areas, including science and technology. Graduate students from all academic disciplines who expect to complete an advanced degree (master's, law, or doctoral-level degree) from a qualifying college or university during the current academic year are eligible to be nominated for the PMF by their schools.

**Professional Science & Engineering Society Fellows Program** -- This U. S. Department of State program enlists bright, inquisitive scientists and engineers with an interest in policy and international affairs to further the diplomacy and development policies of the United States. Fellows contribute their science and technology expertise to the policymaking process by working directly in an office at the U.S. Department of State or the U.S. Agency for International Development.

**[Society for Neuroscience Early Career Policy Fellows Program](#)** -- Interested neuroscience students, postdoctoral trainees, and early-career faculty (within 10 years of MD or PhD) can get involved with science policy and advocacy through the SfN Early Career Policy Fellows Program. Fellows will learn how to become effective advocates for science and how to encourage others to do the same. The yearlong program includes travel and lodging to attend Hill Day 2015.

**[Tisdale Public Policy Fellowship](#)** -- The Tisdale Fellowship provides opportunities for students to learn about high tech public policy issues in Washington, DC. The Fellowship places fellows in a high-tech company, firm or trade association, take two classes worth of credits from George Mason University and live in furnished apartments on George Washington University's downtown campus. Fellows will also attend weekly issues seminar lunches as well as briefings at the Capitol, State Department, World Bank and Federal Reserve.

**[Genetics and Public Policy Fellowship](#)** -- This fellowship program, co-sponsored by the The American Society of Human Genetics and The National Human Genome Research Institute, is designed for genetics professionals with an advanced degree who are early in their careers and interested in the development and implementation of genetics health and research policies at the national level. The fellow will have the opportunity to participate in policy analysis at the NHGRI and the ASHG and to work directly with the U.S. Congress.

**[U.S. Secretary of State Jefferson Science Fellowship](#)** -- scientists and engineers from the American academic community into the U.S. Department of State for one year. The JSF program is administered by the National Academies and supported through a partnership between the U.S. academic community, professional scientific societies, the U.S. Department of State and the U.S. Agency for International Development (USAID). Fellows are given assignments either in the Department headquarters in Washington, D.C., or at U.S. Missions abroad. Jefferson Science Fellows return to their academic careers following their Department of State assignments but remain available to the U.S. government as expert consultants for short-term projects over the following 5 years. Successful candidates are selected on the basis of their scientific achievements, articulation and communication skills, and their interest in science policy issues.

**[Hellman Postdoctoral Fellowship in Science and Technology Policy](#)** -- The Hellman Fellowship in Science and Technology Policy is provided by the American Academy of Arts and Sciences as part of its Initiative for Science, Engineering, and Technology. The fellowship is intended for an early-career professional with training in science or engineering who is interested in transitioning to a career in public policy and administration. While in residence, the Hellman Fellow will work with senior scientists and policy experts on critical national and international policy issues related to science, engineering, and technology. Applicants must have a Ph.D. in an area of science or engineering and have some experience or a demonstrated interest in an area related to science and technology policy.

**[National Sea Grant Knauss Fellowship Program](#)** -- The Knauss fellowship, established in 1979, provides a unique educational experience to students who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources. The program matches highly qualified graduate students with "hosts" in the legislative and executive branch of government

located in the Washington, D.C. area, for a one year paid fellowship. The program is named in honor of one of Sea Grant's founders, former NOAA Administrator, John A. Knauss.

**Google Policy Fellowship Program** -- The Google Policy Fellowship program offers undergraduate, graduate, and law students interested in Internet and technology policy the opportunity to spend the summer contributing to the public dialogue on these issues, and exploring future academic and professional interests. Google fellows will have the opportunity to work at public interest organizations at the forefront of debates on broadband and access policy, content regulation, copyright and trademark reform, consumer privacy, open government, and more.

**Harvard Belfer Center Fellowship** -- Belfer Center for Science and International Affairs at Harvard University offers research fellowships during the academic year to individuals who wish to devote their time to research and writing in the fields of science and international affairs. Fellows are selected by the Center's major research programs and are expected to work collaboratively with other Center researchers, as well as on their own projects. The Belfer Center Fellowship Program is known for its selectivity and the high quality of its participants.

**Science & Technology Policy Institute Fellowship** -- This two-year fellowship provides recent bachelor's degree recipients with a unique opportunity to use their critical thinking and analytic skills to work on a diverse set of challenges in science and technology (S&T) policy areas, including energy and the environment, space sciences, innovation and competitiveness, evaluation, life sciences, information technologies, national security, and STEM education.

**Wilburforce Fellowship in Conservation Science** -- This year-long program empowers scientists with training in leadership and communication to build a community of conservation science leaders who excel in using science to help achieve durable conservation solutions in western North America. The program is delivered in partnership with COMPASS.