



American Institute of Biological Sciences

Informing Decision-making for Science

2019 Annual Report





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**American Institute
of Biological Sciences**



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A Message from the President



Dear Friends and Colleagues,

As the president of the American Institute of Biological Sciences, it is my pleasure to invite you to review our annual report summarizing our 2019 accomplishments and some of our goals for the coming year.

In 2020 we will initiate a process to identify opportunities for increased engagement with our membership. Our goal is to identify sustainable strategies for working with our members to advance recommendations and requests they have shared with us in recent years.

We will continue to provide professional development training opportunities for scientists. We are working now to deliver communications, policy, and team science training to more scientists and students across the country. We are also working to raise funds to underwrite our highly impactful Emerging Public Policy Leadership Award, or EPPLA. This program, now in its 16th year, recognizes outstanding accomplishments of biology graduate students interested in working at the nexus of science and public policy. Program alumni have gone on to work for members of Congress, federal agencies, and non-profit organizations where they have contributed to science-informed public policy decision-making. Our goal is to raise the funds necessary to provide this opportunity to more students.



Our science policy work remains a point of pride for AIBS. We continue to work aggressively with our members to offer compelling calls for new federal investments in research and education. We anticipate a continued need to help lawmakers understand how policy changes related to our scientific infrastructure (for example, peer-review, journal publishing, and scientifically informed decision-making) shape scientific competitiveness

and the effectiveness of our public health, security, economic, and environmental public policy.

Our journal, BioScience, remains a leading source for biological sciences information. We are pleased to report that our impact – measured by impact factor and article downloads – once again increased in 2019. This is great news and we look forward to fielding even more submissions, particularly from scientists interested in sharing overview papers that synthesize the biological sciences. As always, we continue to welcome articles that share policy perspectives, explore ethical dimensions of the life sciences, and challenge our community to reconsider how we do our work.

One of our strategies for advancing the life sciences and promoting informed decision-making is our peer-review work. In addition to providing world-class scientific review and administrative support services for public and private research funding organizations, we conduct and share research that informs best practices in peer review. One of our goals is to find methods for identifying and mitigating implicit bias.



In all of these endeavors, we look forward to working with our members and business partners. As you review this document, I invite you to consider how you and your organization might engage with us to advance our shared goals.

Sincerely,

A handwritten signature in blue ink that reads "Charles B. Fenster". The signature is written in a cursive style.

Charles B. Fenster, Ph.D.
AIBS President



Who We Are

The American Institute of Biological Sciences (AIBS) is a nonprofit 501(c)(3) scientific association dedicated to advancing the biological sciences to promote increased understanding of all life. AIBS was formed with a vision of bringing together the organizations and individuals that advance the biological sciences to work together on matters best addressed through united action. Founded in 1947 as a part of the National Academy of Sciences, AIBS became an independent, member-governed organization in the 1950s. Today, AIBS has more than a hundred member organizations and is headquartered in Herndon, VA, with a Public Policy Office in Washington, DC. Staff members work to achieve its mission by publishing the peer-reviewed journal *BioScience*, by providing scientific peer review and advisory services to a variety of clients; and by collaborating with scientific organizations to advance public policy, education, and the public understanding of science. AIBS continues to adapt its programs to the rapid social, technological, and economic changes that are influencing the practice of the life sciences.



Who We Work With

AIBS works with any stakeholder that advances the field and profession of biology. Organizations and individuals partner with us on initiatives, work with us to identify and communicate matters of common concern, and help connect us to their communities for idea and information exchange—particularly regarding public policy, education, public understanding of science, and matters of professional concern. AIBS has individual members and member societies and organizations that support our work. AIBS has clients ranging from government agencies to scientific organizations to nonprofit and for-profit corporations that use our expert services for a fee.



Our Vision

To advance the biological sciences to promote increased understanding of all life.

Our Mission

To promote the use of science to inform decision-making and advance biology for the benefit of science and society.

Achieving Our Mission

AIBS works toward its outcomes through three programmatic areas:

- Scientific Peer Advisory and Review Services for research proposals and programs sponsored by funding organizations, including the federal government, state agencies, private research foundations, other non-government organizations and educate the community about the science of peer review.
- Community Programs that advance the field and profession of biology while promoting and providing leadership, with a particular emphasis on public policy and advocacy, education and professional development, as well as public awareness of science.
- Publications and Communications, including reliable reports, analyses, and the peer-reviewed journal *BioScience*, which is a forum for integrating the life sciences and educating the public about biological sciences.



Scientific Peer Advisory and Review Services

We promote the use of informed decision-making for the benefit of science and society. All scientific funding organizations are best served by utilizing independent, highly credible, expert peer-review services for evaluating proposed research and assessing ongoing/completed research to enable the most meritorious science.

For Decades we have continuously partnered with a diverse group of funding organizations to coordinate and facilitate all forms of independent, expert scientific peer review. Our nonprofit structure provides clients with an external, objective entity to perform peer review and provide support services.

We provide peer-review support services for every aspect of a research program's life cycle. In this capacity, AIBS SPARS provides leadership, information technology (IT), administrative, logistical, and subject matter expert support for a wide range of review and administrative research program activities.

As a Valued Partner in Science®, we help our clients achieve expert analyses to support informed decision-making. In 2019, AIBS SPARS supported the review of applications submitted to dozens of research programs and coordinated oversight committees for ongoing research programs, which led to funded research in a wide range of life science research areas. We perform reviews in almost every field of medical science as well as diverse topics in environmental research. In 2019, research areas included but were not limited to: infant mortality research, spinal cord injury, diseases caused by second-hand smoke, breast cancer, Alzheimer's disease, and

Scientific Peer Advisory and Review Services

macular degeneration. We also continued administrative support functions in support of the Gulf of Mexico Research Initiative. Our collective expertise and those of subject matter experts we work with focus on:

- Project Management
- Commercialization
- Device Development
- Intervention Protocols
- FDA/Drug Approval
- Technology Implementation
- Clinical Trials
- Intellectual Property Rights
- Animal Research

We analyze and publish on the science of peer review not only to inform its services but also to support peer-review practices in the greater scientific community. Our recent publications may be found at <https://spars.aibs.org/our-impact.html>.

In 2019 we continued to focus on analyzing peer review participant survey results. We published papers focused on reviewer participation/motivations (published in the Journal of Science and Engineering Ethics; <https://link.springer.com/article/10.1007/s11948-019-00123-1>), discussion quality (accepted at Research Integrity and Peer Review; <https://www.biorxiv.org/content/10.1101/586685v3.full-text>), and applicant and reviewer perceptions of the peer review process (in preparation). We presented some of this work (as well as a summary of bias in peer review) at the Johnson and Johnson Publications Colloquia.





Scientific Peer Advisory and Review Services

We are also committed to fostering a community-wide discussion on best practices and lessons learned that enhances the integrity of the peer-review process. To this end, in 2019, we produced a BioScience podcast comparing our recent survey work on grant review with that of Publons. We also partnered with colleagues to produce a research application for a psychological study related to peer review submitted for funding to the NSF Science of Science and Innovation Program.

In addition to reviewing and publishing on its work, we drive the peer-review field with IT platforms and services. Dedicated IT staff support and extend the SCORES® software suite, which enables client-branded collection of research proposals, peer-review project management, reviewer contacting and collection of subject matter expertise ratings, and generation of finalized critiques reflecting all aspects of discussion relating to proposal evaluation. In addition to providing the SCORES® suite via modern best-of-breed cloud computing services, AIBS also provides data management and form creation services, and assists with custom technology services.

Through its work, publications, and information technological advances, we continue to serve as a center of excellence in the field of scientific peer review and provide the highest quality independent peer review and support services to funding organizations.



Publications

Since 1964, AIBS has helped biologists, policymakers, educators, students, and members of the general public make informed decisions about the life sciences by publishing expert-vetted and highly cited articles in its flagship journal, *BioScience*.

In 2019, *BioScience* articles continued to receive significant attention among readers and members of the news media, with a total of 2,497,182 full-text downloads, aided in large part by the significant "World Scientists' Warning of a Climate Emergency." This article achieved an Altmetric score of 11097, placing it among the 10 highest-scoring science articles to date. Other notable articles highlighted *BioScience*'s diverse areas of coverage and included "Four Common Problems in Environmental Social Research Undertaken by Natural Scientists," "The Changing Uses of Herbarium Data in an Era of Global Change," "Smaller Classes Promote Equitable Student Participation in STEM," and "Animal Ethics and Behavioral Science: An Overdue Discussion." The latter article was also the subject of a popular *BioScience* Talks podcast episode.



Publications

The Bioscience Talks podcast, which broadens AIBS's public outreach, grew rapidly during 2019, with 24,469 downloads for the year, nearly twice as many as in 2018. Episodes included meeting coverage for the American Society for Gravitational and Space Research and the Society for Integrative & Comparative Biology, both of which are AIBS member societies. The show also launched a new Impact Series, which focuses on the path from newly gained scientific knowledge to real-world effects on human well-being.

Released in summer of 2019, BioScience's 2018 Impact Factor reached 6.591, an all-time high, which resulted in a rank of 6th among journals in the biology category.

Impact Factor
6.591

6th among 85
journals in
Biology category

Full-text
downloads
2,497,182





Information Technology Office

In 2019 the Information Technology Office (ITO) leveraged technology to communicate with AIBS's audiences; supported clients, staff, and our computing environment; and continued with important efforts to increase our strategic output while aligning available resources to AIBS's larger strategic goals.

We managed and supported tools like Rasa's AI-driven newsletters, Zoom for Webinars, and Google Ads – each of which allows AIBS to inform and interact with our audiences, and also understand their interests.

We assisted AIBS units by providing a feature-rich and secure computing environment. Examples include: supporting in-person and virtual peer review meetings and trainings; managing teleworking services; and maintaining staff computers, and communication and productivity tools. We also extended our proprietary SCORES® peer review software suite with the addition of the new Solicitations module, adding new features while greatly reducing our management complexity.

During the year, we transitioned or decommissioned over two dozen services and web sites, all with the goals of simplifying our work environment and improving security. This continuing effort enables agility and responsiveness from AIBS's investment in technology, and clears the way for even more strategic contributions from the technology team.

We look forward to a great 2020 supporting AIBS, biologists, and science.



Community Programs

The AIBS Community Programs Division is home to membership services, science policy and advocacy programs, communications programs, professional development and education programs, the AIBS Council Meeting, and scientific programs and workshops. Uniting these programs, and connecting the division to other AIBS programmatic areas, is fidelity to the organizational goal of promoting informed decision-making that advances biology for the benefit of science and society.

In 2019, AIBS led efforts that built the foundation for new investments in biological sciences research and education, particularly in biodiversity-related and biodiversity-enabled research. Through the Biodiversity Collections Network, we launched the Extended Specimen Network – a community-informed initiative that provides a framework for stimulating new research and education in the coming decade. We fought to secure new funding for federal science programs at the National Science Foundation, National Institutes of Health, and Department of the Interior. Our efforts also helped secure an increase to the federal budget caps that would have limited funding for scientific research in fiscal year 2021 and beyond.

The AIBS public policy program remained active in 2019, aggressively advocating for increased federal investments in scientific research, and to prevent the politicization of science. Among our accomplishments in 2019 were:

- Recognized for advocacy on behalf of scientific collections with an award from the Society for the Preservation of Natural History Collections.
- Launched a new campaign to build the Extended Specimen Network.
- Helped 167 scientists become advocates for science.
- Facilitated 127 meetings between scientists and policymakers.
- Urged lawmakers to pass appropriations and end a partial government shutdown.

Community Programs

- Provided Congressional testimony calling for increased federal investments in science.
- Helped increase spending caps on discretionary spending and secure suspension of budget sequestration.
- Endorsed legislation to improve scientific educational infrastructure in rural schools.
- Opposed Administration's policy restricting funding for research using human fetal tissue.
- Expressed opposition to and urged congressional scrutiny of a proposed rule by the Environmental Protection Agency to limit the use of scientific studies in the regulatory rulemaking process.

AIBS also expanded delivery of professional development programming, providing training courses to scientists ranging from early career to senior researchers. In addition to offering several courses in Washington, DC, we delivered training programs to scientists attending several professional society meetings and at universities across the country. AIBS began exploring the development of additional training programs, in addition to the AIBS Communications Boot Camp for Scientists, Writing for Impact and Influence, Enabling Team and Interdisciplinary Science, and Employment Acquisition Skills Boot Camp for Scientists.

The AIBS Board of Directors approved a plan to focus attention on growing its organizational membership. To this end, AIBS will terminate its Individual Membership program in 2020. This will allow the organization to more cost-effectively manage its membership programs and to provide new and targeted programs and services for its organizational membership.

In 2019, AIBS convened "Beyond Specimens" – a meeting of the AIBS Council of Member Societies and Organizations. Supported by the Burroughs Wellcome Fund, Oxford University Press, and the Biodiversity Collections Network, the meeting brought together a diverse group of scientific society leaders, representatives from natural history collections, federal agency personnel, and biotechnology executives to discuss the scientific advances obtainable from new investments in research that connects physical biological specimens with a diversity of other data types and sources (e.g., genetic, environmental, image).



AIBS Looking Forward

In 2020, AIBS will continue our efforts to work with members and partners to lead national discussions that gather and synthesize information that informs decisions by policymakers, program managers, scientific organization leaders, educators, and the public.

In 2019, the AIBS Board of Directors approved a plan to end our Individual Membership program. Individuals will still be invited to engage with AIBS through our many programs and through our Member Societies and Organizations. Individuals will be able to continue to access our journal, *BioScience*, through individual subscriptions. This plan was adopted to help AIBS maximize its impact and leadership within the scientific community. AIBS is now able to prioritize its efforts to work with its organizational members – the professional societies, research organizations, companies, and other organizations that collectively serve the biological sciences community. In 2020, AIBS will explore new ways it can work with its Member Societies and Organizations.

Working through our Biodiversity Collections Network project, we will continue to advocate for new investments in biodiversity-enabled and biodiversity-related scientific research and education. Recognizing the importance of biological systems to economic growth and prosperity, we will convene a meeting of the Council of Member Society and Organization representatives to explore what is needed to help biology-serving organizations better translate our science into economic benefit, including through the application of science to guide public health and environmental sustainability decisions.



AIBS Looking Forward

AIBS will work aggressively to educate and inform federal policymakers about the importance of sustained federal funding for scientific research and continue to advocate for the use of scientific knowledge and expertise in public policy decision-making. Moreover, we will provide members of our community with the high-quality information and analysis required to inform their interactions with decision-makers.

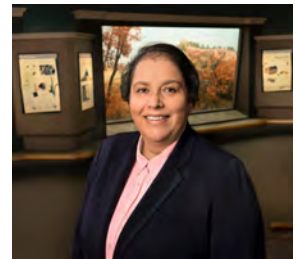
Our work on the Science of Peer Review will continue as we conduct new research on peer review, participate in scientific conferences, and develop relationships with organizations that seek to partner with us on peer review and related scientific support. Our SPARS team will continue to provide merit review and scientific program management support services to funding organizations and other research programs that seek unbiased, high-quality, and vetted information to guide decision-making.

We will continue to work to increase the readership, use, and impact of BioScience articles. To further increase public and scientific community access to timely research findings, we will continue to produce our monthly podcast, BioScience Talks, and to expand our new BioScience Talks Impact Series, a new program that helps showcase how federal investments in scientific research have contributed solutions to societal problems or led to the formation of new companies.

Through these efforts and all other initiatives undertaken in 2020, AIBS will strive to meet our mission of improving our understanding and appreciation of all life.



Board of Directors



Row 1: Charles Fenster, Karen Schmalig, Steward Pickett, Michael Cato; Row 2: John Burris, Eric Nagy, Kathie Olsen, Gabriela Chavarria; Row 3: Clifton Poodry, Muriel Poston, Raymond Mejía, Pamela Soltis; Row 4: Micheal Willig, Lisa Gaines, Judith Skog



Board Officers

Charles Fenster
President
South Dakota State
University
2019-2020

Charles Fenster is a Professor of Biology at South Dakota State University. His research is focused on using plants as model organisms to study how adaptations evolve as well as using basic ecological and evolutionary principles to inform conservation and agricultural policy. He has served as Executive Vice President of the Society for the Study of Evolution and has worked with AIBS to achieve common goals, especially with regard to influencing science policy. He holds a Ph.D. from the University of Chicago.

Karen Schmaling
Vice President
Washington State University
2018-2019

Karen Schmaling is Professor of Psychology and former Vice Chancellor of Academic Affairs at Washington State University Vancouver, having previously served as Dean of the College of Health and Human Services at the University of North Carolina at Charlotte. She also holds an appointment as Affiliate Professor of Psychiatry and Behavioral Sciences at the University of Washington School of Medicine. Her research has focused on the psychology of chronic illnesses. She holds a Ph.D. from the University of Washington.

Steward Pickett
Secretary
Cary Institute of
Ecosystem Studies
2017-2019

Steward Pickett is a plant ecologist with the Cary Institute of Ecosystem Studies whose work is focused on the role of spatial heterogeneity in community and landscape structure and dynamics. Pickett is also project director of the Baltimore Ecosystem Study, which works to improve understanding of how a large urban region functions as an ecosystem. He holds a Ph.D. from the University of Illinois at Urbana-Champaign.

Michael Cato
Treasurer
Bowdoin College
2019-2020

Michael Cato is Senior Vice President and Chief Information Officer at Bowdoin College where he facilitates all aspects of information technology strategy. Previous positions include Chief Information Officer at Vassar College. Affiliations include the Educause Management Institute and the IT Senior Management Forum. He holds a B.S. in Zoology from Andrews University and an M.B.A. from Wake Forest University.



Board Members Elected by the Board

John Burris
Burroughs Wellcome Fund
2019-2021

John Burris is President of the Burroughs Wellcome Fund. His previous positions include President of Beloit College, Director and CEO of the Woods Hole Marine Biological Laboratory, and Executive Director of the Commission on Life Sciences at the National Research Council / National Academies. He holds a Ph.D. from the Scripps Institution of Oceanography at the University of California, San Diego.

Eric Nagy
University of Virginia
2019-2021

Eric Nagy is a Professor of Biology at the University of Virginia, and Associate Director of the Mountain Lake Biological Station, a part of the Organization of Biological Field Stations. His research is focused on the ecological, reproductive, and selective dynamics driving the evolution of natural plant hybrid populations. He holds a Ph.D. from the University of California, Davis.

Kathie Olsen
ScienceWorks
2017-2019

Kathie Olsen is Founder and Managing Director of ScienceWorks, a consulting firm that helps academic institutions, educational coalitions, companies, and research entities create successful, well-supported science programs and projects. Dr. Kathie Olsen's ScienceWorks is the culmination of a distinguished career. Previous positions include Deputy Director and Chief Operating Officer of the National Science Foundation.

Muriel Poston
Pitzer College
2019-2021

Muriel Poston is Dean of Faculty and Vice President of Academic Affairs at Pitzer College. Her previous positions include that of Dean of Faculty at Skidmore College and that of Deputy Division Director at the National Science Foundation. Her research interests are in plant systematics and in environmental law and policy. She holds a Ph.D. from the University of California, Los Angeles, and a J.D. from the University of Maryland.

Clifton Poodry
Howard Hughes Medical
Institute
2019-2021

Clifton Poodry is a Senior Fellow in the Science Education Department at Howard Hughes Medical Institute (HHMI). Prior to joining HHMI, he served as the Director of the Training, Workforce Development and Diversity Division at the National Institute for General Medical Sciences (NIGMS), NIH for 20 years. Prior to this work, he was a Professor of Biology at the University of California, Santa Cruz. He received a Ph.D. in Biology from Case Western Reserve University.



Board Members Elected by the AIBS Council of Member Societies and Organizations

Gabriella Chavarria
Denver Museum of Nature
and Science
2019-2021

Gabriella Chavarria is the vice president and chief curator of the research and collections division at the Denver Museum of Nature & Science. She is responsible for providing vision and leadership for the research and collections team, and ensuring the Museum engages in quality scientific research, appropriates its collections responsibly, and provides relevant exhibition content and education programming. Her previous positions include science advisor to the director of the U.S. Fish and Wildlife Service, and director of the Natural Resources Defense Council's (NRDC) Science Center. She received her Ph.D. in Organismic and Evolutionary Biology from Harvard University.

Raymond Mejía
Society for Mathematical
Biology
2017-2019

Raymond Mejia worked at National Institutes of Health as a Math Biology Scientist until 2007. He was President of the NIH Hispanic Employee Organization in 2000. He is currently on the Board of Directors at the Society for Mathematical Biology and is a guest worker for LCE, NHLBI, and NIH. He is a member of the Society for Mathematical Biology, Society for Industrial and Applied Mathematics, American Mathematical Society, and American Association for the Advancement of Science. He holds a M.A. from the University of Maryland.

Pamela Soltis
University of Florida
2019-2021

Pamela S. Soltis is a Distinguished Professor and Curator in the Florida Museum of Natural History and Director of the Biodiversity Institute at the University of Florida (UF). She is Director for Research at iDigBio, the NSF-funded national center for digitization of biodiversity collections. She received a Ph.D. in Botany from the University of Kansas, and an Honorary Doctorate of Humane Letters from Central College. She is President-Elect of the American Society of Plant Taxonomists.

Michael Willig
University of Connecticut
2017-2019

Michael Willig is the Director of the Center for Environmental Sciences and Engineering at the University of Connecticut. His work focuses on application of quantitative and statistical techniques to understand the ecology and conservation of biodiversity. He has held positions as program officer in the Ecological Studies Cluster and division director for Environmental Biology, both at NSF and membership on the Board of Directors for the American Society of Mammalogists, and the Conservation International's Tropical Ecology Assessment and Monitoring Program. He holds a Ph.D. from the University of Pittsburgh.



Board Members Elected by the AIBS Individual Membership

Lisa Gaines
Oregon State University
2017-2019

Lisa Gaines is the Director of the Institute for Natural Resources at Oregon State University. Lisa has more than 20 years of experience working with universities, government agencies, and NGOs to develop and manage multi-institutional natural resource and international development projects and programs. Her areas of interest include the human dimensions of environmental risk, environmental policy and decision-making, citizen participation, evaluation, and international transboundary waters. She holds a Ph.D. from Oregon State University.

Judith Skog
George Mason University
2017-2019

Judy Skog is Professor Emerita of Environmental Biology and Policy at George Mason University, in Fairfax, VA, and a consultant for the Office of the Assistant Director of Biological Sciences, NSF. Past appointments have included Division Director for Biological Infrastructure at the NSF. Her research focuses on the evolution of ferns. Her service to scientific societies includes having been president of the Botanical Society of America and having been a member of the Committee for Vision and Change in Biology Undergraduate Education, at the American Association for the Advancement of Science. She holds a Ph.D. from Cornell University.

Our Team



**DIANE
BOSNJAK**



**DAJOIE
CROSLAN**



**ARATI
DESHMUKH**



**STEPHEN
GALLO**



**SCOTT
GLISSON**



**ROBERT
GROPP**



**IAN
JOHNSON**



**SYREETA
JONES**



**MICHAEL
LEMASTER**



**JYOSTNA
PANDEY**



**JENNIFER
PETITT**



**JOANNE
SULLIVAN**



**LISA
THOMPSON**



**JAMES
VERDIER**



**JOEL
WAGENER**



**MARIAM
ZAKA**



Past AIBS Presidents

Throughout its history, AIBS has benefited from the leadership of many distinguished individuals on its Board. The list of presidents is presented below, and also online: https://www.aibs.org/about-aibs/past_aibs_presidents.html. To ensure better continuity in AIBS's vision, AIBS Presidents are now required to serve for two consecutive years, with the potential for re-election.

2013-2018 Joseph Travis	1992 Thomas Lovejoy	1971 David E. Davis
2012 Susan Stafford	1991 Paul G. Risser	1970 George L. McNew
2011 James P. Collins	1990 Paul R. Ehrlich	1969 LaMont C. Cole
2010 Joseph Travis	1989 John P. Jordan	1968 William D. McElroy
2009 May R. Berenbaum	1988 Boyd Strain	1967 J. Roger Porter
2008 Rita R. Colwell	1987 H. Edward Kennedy	1966 Clement Markert
2007 Douglas J. Futuyma	1986 W. Donald Duckworth	1965 Kenneth V. Thimann
2006 Kent E. Holsinger	1985 C. Herb Ward	1964 Paul J. Kramer
2005 Marvalee H. Wake	1984 Peter H. Raven	1963 James D. Ebert
2004 Joel Cracraft	1983 Kendric C. Smith	1962 Frits Went
2003 Gary S. Hartshorn	1982 Forest Stearns	1961 Tracy Sonneborn
2002 Gene E. Likens	1981 Winslow R. Briggs	1959–1960 James G. Dickson
2001 Judith S. Weis	1980 Beatrice M. Sweeney	1957–1958 Wallace O. Fenn
2000 Alan P. Covich	1979 Paul B. Siegel	1954–1956 H. Bentley Glass
1999 Gregory J. Anderson	1978 Paul G. Pearson	1952–1953 Ted C. Byerly
1998 Gary W. Barrett	1977 George Cries	(Chairman)
1997 Frances C. James	1976 Robert Gordon	1951 Frank P. Cullinan
1996 John E. Burris	1975 David M. Gates	(Chairman)
1995 W. Hardy Eshbaugh	1974 George Sprugel, Jr.	1949–1950 Elmer G. Butler
1994 Harold A. Mooney	1973 Robert W. Krauss	(Chairman)
1993 Diana W. Freckman	1972 W. Frank Blair	1948 Ralph E. Cleland
		(Chairman)

Financial Summary

	2019	2018
Assets		
Current Assets		
Cash & cash equivalents	\$ 1,244,445	\$ 1,766,557
Investments	1,122,194	1,040,442
Accounts receivable, net	711,427	318,323
Other assests	--	--
Prepaid expenses	39,313	28,128
Total Current Assets	\$ 3,117,379	\$ 3,153,450
Property and Equipment, net	4,928	6,801
Other Assets	--	--
Total Assets	\$ 3,122,307	\$ 3,160,251
Liabilities & Net Assets		
Current Liabilities		
Acct payable & accrued exp	\$ 314,377	\$ 287,359
Defered revenue	142,963	569,072
Defered rent	--	--
Total Current Liabilities	\$ 457,340	\$ 856,431
Long-Term Liabilities		
Deferred Revenue	225,000	300,000
Total Liabilities	\$ 682,340	\$ 1,156,431
Net Assets		
Unrestricted:		
Undesignated	\$ 1,924,854	\$ 1,506,304
Board designated	493,927	485,611
Net Assets with Donor Restrictions	21,186	11,905
Total Net Assets	\$ 2,439,967	\$ 2,003,820
Total Liabilities & Net Assets	\$ 3,122,307	\$ 3,160,251

Financial Summary

	2019	2018
Support and Revenue		
Non-federal contracts	\$ 3,079,904	\$ 2,374,235
Grants	975,779	838,142
Publications	447,178	414,738
Federal contracts	99,795	99,590
Membership	135,135	183,189
Education, policy & other prgms	3,941	7,466
Investment Income (loss)	81,958	(30,562)
Other	--	288
Total Support and Revenue	\$ 4,823,690	\$ 3,887,086
Expenses		
Direct		
SPARS Non-federal	\$ 2,194,205	\$ 1,787,678
Government		
Membership benefits	382,991	400,724
Federal community programs	74,208	73,117
Non-federal community programs	3,692	3,399
	\$ 2,655,096	\$ 2,268,505
Indirect	\$ 1,732,447	\$ 1,698,985
Total Expenses	\$ 4,387,543	\$ 3,967,490
Change in net assets	\$ 436,147	\$ (80,404)
Net assets at beginning of year	\$ 2,003,820	\$ 2,084,224
Net assets at end of year	\$ 2,439,967	\$ 2,003,820

Member Societies and Organizations

Through AIBS membership, biological societies and related organizations are connected to matters that are of collective concern, including trends in research and biology funding, public policy, education, and public understanding of science.

Academy of Natural Sciences of Drexel University
American Arachnological Society
American Fern Society
American Malacological Society
American Museum of Natural History
American Ornithological Society
American Society for Gravitational and Space Research
American Society of Ichthyologists and Herpetologists
American Society of Mammalogists
American Society of Naturalists
American Society of Parasitologists
American Society of Plant Taxonomists
American Society of Primatologists
Animal Behavior Society
Association for the Sciences of Limnology and Oceanography
Association for Tropical Biology and Conservation
Association of Ecosystem Research Centers
Association of Southeastern Biologist
Audubon Alaska
Biodiversity Institute – University of Kansas
Biological Sciences Curriculum Study
BioQUEST Curriculum Consortium
Bishop Museum
Botanical Society of America
Cary Institute of Ecosystem Studies
Coastal and Estuarine Research Federation
Crustacean Society
Denver Museum of Nature and Science
Duke University
Ecological Society of America
Entomological Society of America
Florida Fish and Wildlife Research Institute

Genetics Society of America
Harvard University-MCZ
Helminthological Society of Washington
Herpetologists' League
Human Anatomy & Physiology Society
iDigBio
Illinois Natural History Survey
International Association for Landscape Ecology, U.S. Division
International Society for Ecological Modelling
Kansas (Central States) Entomological Society
Lepidopterists' Society
Louisiana State University-MNS
Michigan State University
Milwaukee Public Museum
Missouri Botanical Garden
Mycological Society of America
National Shellfisheries Association
National Tropical Botanical Garden
Natural History Museum-LA County
New York Botanical Garden
North Carolina Botanical Garden
North Carolina Museum of Natural Science
Oak Ridge (ORAU)
Occidental College-MLZ
Organization of Biological Field Stations
Paleontological Society
Phycological Society of America
Poultry Science Association
Project Noah
Radiation Research Society
Santa Barbara Museum of Natural History
San Diego State University Natural Resource Management

Sitka Sound Science Center
Society for Behavioral Neuroendocrinology
Society for Economic Botany
Society for Freshwater Science
Society for In Vitro Biology
Society for Integrative and Comparative Biology
Society for Mathematical Biology
Society for Northwestern Vertebrate Biology
Society for Sedimentary Geology
Society for the Study of Amphibians and Reptiles
Society for the Study of Evolution
Society of Environmental Toxicology & Chemistry
Society of Mineral Museum Professionals
Society of Nematologists
Society of Systematic Biologists
Society of Vertebrate Paleontology
Southern Appalachian Botanical Society
Southern California Academy of Sciences
Southwestern Association of Naturalists
SUNY College of Environmental Science and Forestry
Texas A & M University
The Field Museum of Natural History
Torrey Botanical Society
University of Connecticut, Department of Ecology and Evolutionary Biology
University of Florida
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University of Texas-El Paso
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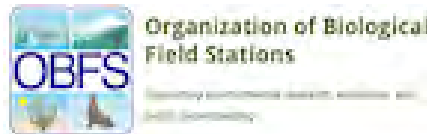
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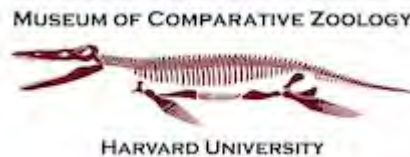
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Thank you to all AIBS staff, consultants, and members that help AIBS in its vision to inform and lead research, education, and policymaking at the frontiers of the life sciences.

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