American Institute of Biological Sciences
Informing Decision-making for Science

2017 Annual Report
Table of Contents:

1  President's Message
4  Who We Are
5  Who We Work With
6  Mission and Vision
7  Departments
18  AIBS Looking Forward
19  Board of Directors
24  Past Presidents
25  Financial Summary
27  Member Societies and Organizations
28  Our Donors
29  Our Gratitude
A Message from the President

On behalf of the American Institute of Biological Sciences (AIBS) Board of Directors and staff members, thank you for your interest in our organization. I am pleased to share with you our 2017 Annual Report, which illustrates many of the ways we are providing the leadership required to advance the biological sciences for the benefit of science and society.

AIBS is at the forefront of providing high-quality, vetted information to members of our community and to external decision-makers. We provide current and future biologists with the resources required for professional and career development, whether through improved communication, access to novel research findings, or important discussions about the research enterprise. Our programs include the highly regarded publication, *BioScience*, a nationally recognized Scientific Peer Advisory and Review Services (SPARS), and a science policy program that routinely influences our nation’s scientific research and education policy.

In 2017, AIBS delivered new and expanded education and professional development programs. Our highly respected Communications Training Boot Camp for Scientists was offered multiple times in Washington, DC, and at member organizations and other research centers. We began offering our Enabling Interdisciplinary and Team Science training program at universities. The feedback on these programs has been overwhelmingly positive and led us to develop additional courses, such as our online professional development course – Writing for Impact and Influence.
Our highly respected SPARS division continued to provide evaluation and support services that informed funding decisions by identifying meritorious research projects. Many of the research proposals reviewed are making significant contributions to scientific knowledge and public health, through translational research related to clinical diseases and exploratory biological research. Thousands of publications in high-impact journals have resulted from the research proposals evaluated by the peer-review panels convened by AIBS over the past 10 years. Our influence is measured by more than publications, it is also chronicled by infrastructure creation, career development, and research commercialization. For example, we facilitated the review of applications to foster institutional and consortia development and to develop shared facilities, resources, equipment, and instrumentation. AIBS reviewed programs that provide high impact “bridge” funding to assist young investigators who have not secured federal funding for their research, and for established scientists to commercialize their research.

Our work on the Science of Peer Review continued throughout 2017. We continued to increase the number of collaborations with leaders in the field, conducting a large survey on grant applicant and reviewer experiences, publishing our findings in peer-reviewed journals, and presenting at prestigious conferences. Our work was recognized with awards and informed science policy in Canada.
Our journal, *BioScience*, continued to serve as a forum for integrating the life sciences through publication of highly impactful synthesis, forum, and viewpoint articles. In addition to maintaining an impressive impact factor and a top ten ranking, we saw the significant use of *BioScience* articles. The number of article downloads increased to more than 1,900,000 in 2017 alone. Importantly, many articles published in *BioScience* receive national media attention; contributing to the AIBS mission of ensuring that high-quality, merit-reviewed information is seen by decision-makers.

Our science policy program was quite active. In addition to advocating for a rollback of federal budget sequestration and to promote new funding for research agencies, we unsuccessfully pressed the Trump administration to appoint a science advisor and to empower and consult federal science advisory panels. I am pleased to report that AIBS was the first scientific organization to issue a public statement of concern in response to reports that the Centers for Disease Control and Prevention (CDC) had been directed not to use a number of scientific terms when developing its budget. In response to growing public criticism, the CDC director announced that the agency would not ban the listed words.

We are pleased with our many accomplishments but remain ambitious and see many new opportunities to work with our members and partners to make even greater contributions to science. I invite you to join with us in these efforts in 2018 and beyond.
Who We Are

The American Institute of Biological Sciences (AIBS) is a nonprofit 501(c)(3) scientific association dedicated to advancing biological research and education for the welfare of society. 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 McLean, VA, with a Public Policy Office in Washington, DC. Its staff members work to achieve its mission by publishing the peer-reviewed journal BioScience and the education website ActionBioscience.org; 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
We envision AIBS as an organization that informs and leads research, education, and policymaking at the frontiers of the life sciences. AIBS will be the go-to organization for biology, recognized for catalyzing efforts that advance the field, improve the profession, and bring its discoveries to a broad audience.

Our Mission
AIBS works to promote informed decision-making that advances the biological sciences 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 applications and ongoing programs sponsored by funding organizations, including governmental, private, and nongovernmental research funding organizations.

- Community Programs advances biology through programs and partnerships, with a particular emphasis on public policy and advocacy, professional development, education, and the public appreciation of science.

- Publications and other Communications, including authoritative reports, analyses, and the peer-reviewed journal BioScience, as fora for integrating the life sciences and applying that knowledge to important societal challenges.
Scientific Peer Advisory and Review Services

The AIBS believes that 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.

Established in 1963, AIBS SPARS has been partnering with a diverse group of funding organizations to promote the use of informed decision-making for the benefit of science and society. We facilitate all forms of independent, expert scientific peer review, and our 501(c)(3) nonprofit structure provides clients with an external, objective entity to perform peer review and provide support services.

AIBS SPARS provides peer-review support services for every aspect of a research program’s life cycle from Request for Proposals (RFPs) through programmatic review support. In this capacity, AIBS SPARS provides information technology (IT), leadership, administrative, logistical, and 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 2017, AIBS SPARS supported the review of tens of millions of dollars of proposed research, which led to several million dollars of funded research in a wide range of research areas.
Scientific Peer Advisory and Review Services

AIBS SPARS has performed reviews in almost every field of medical science as well as diverse topics in environmental research. In 2017 some research areas included but were not limited to: stem cells; breast cancer; macular degeneration; sickle cell disease, and spinal cord injury. Our collective expertise and those of subject matter experts we work with focus on:

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

AIBS SPARS analyzes and publishes on 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.
Scientific Peer Advisory and Review Services

In 2017, AIBS staff collaborated with AIBS board member Dr. Karen Schmaling to administer a broad survey to 13,091 reviewers and applicants in our database, querying respondents about their experiences as a grant applicant and as a peer reviewer. We found significant differences in the perspectives between reviewer and applicant about the frequency of comments regarding risk and innovation in review feedback. This work was presented by AIBS staff at the annual meeting for the Society for Risk Analysis in December and won a best paper award at this meeting. This work was submitted and accepted for publication in *Environment Systems and Decisions*. The other half of this survey data focused around motivations and demographics of reviewers and the sustainability of the system; the analysis effort of this data is being led by Dr. Schmaling.

AIBS SPARS staff attended the International Congress on Peer Review in Chicago in September; meeting leaders in the field, some of which have led to collaborations. We again worked with our collaborators at University of Washington to submit another project to the National Science Foundation, again providing anonymized data for the studies; the grant was funded and we expect to be co-authors in forthcoming publications. AIBS also published a statement on peer review for peer review week in September, provided advice about the state of science to groups like amfAR and met with the CEO of Publons to explore potential collaborative opportunities.
Finally, AIBS efforts were shown to have an effect on international science policy in 2017. The Governing Council of the Canadian Institutes of Health Research (CIHR) issued a report discussing reforms to the Canadian research funding process and the peer review process; AIBS’ publications were referenced heavily in this document (http://www.cihr-irsc.gc.ca/e/49972.html).

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 2017, we continued a series of webinars sharing results of our own analyses as well as disseminating and promoting discussion about others’ results in the growing body of research concerning the peer-review process.

In addition to reviewing and publishing on its work, AIBS SPARS drives the peer-review field with its IT platforms and services. Dedicated IT staff support and extend the SCORES™ software suite, which enables 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 directly supporting the needs of AIBS SPARS’s clients and staff (e.g., assuring server performance, ensuring fidelity of data imports and exports), we build custom proposal receipt software and develop other online webpages for clients.

Through its work, publications, and information technological advances, AIBS SPARS continues to strive to position itself as a center of excellence in the field of scientific peer review and to provide the highest quality independent peer review and support services to funding organizations.
Publications

To help biologists, policymakers, educators, students, and members of the general public make informed decisions related to the life sciences, AIBS publishes peer-reviewed and expert-vetted articles in our journal, *BioScience*, and on the website ActionBioscience.org.

In 2017, following 2016’s editorial restructuring, *BioScience* published a number of high-profile articles, including the World Scientists’ Warning to Humanity: A Second Notice, which is *BioScience*’s most-read article to date. The article was downloaded over 250,000 times in the last two months of 2017 and continues to garner significant attention. In addition, the journal published a broad range of well-received features, peer-reviewed articles, and editorial and viewpoint articles, bringing timely information to our readers and ensuring that they are apprised of the latest developments in the life sciences arena.

In addition to our traditional publishing outlets, AIBS continued to expand the scope and reach of the influential *BioScience* Talks podcast, which has garnered over 28,000 downloads and highlights notable scientific research from the pages of *BioScience*. To augment the show’s content, AIBS partnered with the American Society for Gravitational and Space Research and the Society for Integrative & Comparative Biology, both AIBS member organizations, to produce bespoke episodes highlighting the research presented at their annual meetings.
Presented in collaboration with the AIBS IT staff, ActionBioscience.org continues to be a highly regarded source of peer-reviewed biology writing tailored for the general public. The articles—broadly focused on the environment, biodiversity, genomics, biotechnology, evolution, and science policy—constitute an important resource for science educators across grade levels and geographies. ActionBioscience.org articles are available in English and Spanish and are accompanied by resources to help educators sculpt lesson plans around them. In 2017, ActionBioscience.org articles received over 1 million page views.
The Information Technology Office (ITO) is proud of another productive year teaming with AIBS' mission-focused units. ITO again worked to provide modern and useful products for the organization, with a few examples including: providing new designs with mobile-responsive layouts for both the www.aibs.org website and the SCORES™ peer review software suite (used by SPARS to manage peer review projects), as well as creating an application which allows the Public Policy Office staff to quickly identify advocates from key Congressional districts, ensuring maximum impact. ITO also continued managing systems which support AIBS' individual members, member society organizations, and the staff creating each issue of BioScience.

To do these things and more, ITO has adopted a team approach and supplemented a small technology staff with experts in end-user support and software development, allowing ITO to remain responsive and agile across a wide variety of responsibilities. ITO has continued adopting cost-effective, and often cloud-based, technologies that help all of AIBS' staff be effective while working as a distributed team. Security is always in mind and so AIBS has begun cybersecurity training for staff, as planning for future external audits and related infrastructure upgrades.

Moving forward the ITO will position AIBS for benefit from proven technologies that communicate our message, connect our audiences, and provide services that support the biological sciences.
Community Programs

The AIBS Community Programs Division is home to membership services, science policy and advocacy programs, communications programs, professional development and education programs, 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 2017, AIBS expanded delivery of professional development programs: the AIBS Communications Boot Camp for Scientists, Writing for Impact and Influence, and Enabling Team and Interdisciplinary Science. These programs were designed to provide scientists with the professional training they routinely report is unavailable from traditional academic training programs. In 2017, in addition to multiple offerings of the Communications Boot Camp in Washington, DC, versions of the program were offered at a number of scientific meetings and conferences. Participants in these programs represented the continuum of the scientific community. Our Team Science training course was provided to a range of faculty and students, with the course being offered twice on one university campus. In 2017, we also launched an online writing course, which was well received and will be offered again in 2018.
Related to our education and professional development initiatives, in 2017 AIBS continued to recognize outstanding graduate student achievement via our Emerging Public Policy Leadership Award. This competitive award recognizes outstanding graduate students in the biological sciences who are demonstrating an aptitude for leadership and work at the intersection of science and public policy.

Our program has become so respected that four other AIBS member organizations now administer similar award competitions. Also, in 2017, AIBS received a generous anonymous gift of $10,000 to help lay the foundation for an endowment to support this award program in future years.

The AIBS public policy program remained active in 2017, aggressively advocating for increased federal investments in scientific research, as well as to prevent the politicization of federal science. Toward these goals, AIBS worked with individual scientists and member organizations to coordinate two grassroots advocacy events. AIBS also continued to press the President to appoint a science advisor and director of the Office of Science and Technology Policy, as well as to empower and consult with scientific advisory committees within federal departments. In December, AIBS was the first scientific organization to ring alarm bells about news media reports that the Centers for Disease Control and Prevention had received a list of words it was not to use (e.g. evidence-based) in preparing its budget. As a result of the attention that started to mount, the CDC director made a public statement confirming that the agency would not ban the use of these words.
Informing decision-making for science and society.

Peer Review
AIBS provides research funding organizations with efficient and high quality peer review and support services that help program leaders focus on the science.

Publications
AIBS provides timely and effective communication of peer-reviewed research and news and analysis to professionals, students, educators, and the public.

Community Programs
Community Programs advances the field and profession of biology and promotes and provides leadership, with an emphasis on public policy and advocacy, education, and the public understanding of science.

Membership
AIBS individual and organizational members work collaboratively to advance biology and bring its discoveries to decision-makers.
In 2018, AIBS will undertake a review of our strategic plan to ensure that we are accomplishing our goals and to identify new goals to work toward in the years to come. While undertaking a periodic review, we will continue to deliver our current programs and services. We will also sustain 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.

Our work on the Science of Peer Review continues as we conduct additional research and publish novel findings, participate in scientific conferences, and develop relationships with organizations that lead to partnerships in peer review and related scientific support work. Our SPARS team will 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.

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

In addition to providing our current communications, policy advocacy, and team science professional development programs, in 2018 AIBS will launch a new program designed to help prepare graduate students and early career professionals to secure employment in a diversity of sectors, including non-academic environments. We also anticipate expanding some of our current professional development programs, for example, to support research competitiveness initiatives for faculty members.

We anticipate that in 2018 the readership and impact of BioScience articles will continue to increase, surpassing our 2017 successes. To further increase public and scientific community access to timely research findings, we will continue to produce our monthly podcast, AIBS will produce, BioScience Talks. We will also continue to work with our member societies to produce podcast programs that help to raise awareness of their fields.

Through these efforts and all other initiatives undertaken in 2018, AIBS will continue to strive to meet our mission of promoting informed decision-making that advances the biological sciences for the benefit of science and society.
Board of Directors

Row 1: Joe Travis, Karen Schmaling, Steward Pickett, Charles Fenster; Row 2: John Burris, Michael Cato, Mary Klein, Kathie Olsen; Row 3: Muriel Poston, Raymond Mejia, Eric Nagy, Dee Silverthorn; Row 4: Micheal Willig, Lisa Gaines, Judith Skog
Board Officers

**Joe Travis**  
*President*  
Florida State University  
2017-2018

Joseph Travis is a Professor of Biology and past Dean of the College of Arts & Sciences at Florida State University. His research studies the ecology of natural selection using experimental techniques. He is a fellow of the American Association for the Advancement of Science, and in 2005 he served as President of the American Society of Naturalists. In 2011 he won the E. O. Wilson Naturalist Award from the American Society of Naturalists. He holds a Ph.D. from Duke University.

**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.

**Charles Fenster**  
*Treasurer*  
South Dakota State University  
2016-2018

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.
Board Members Elected by the Board

John Burris  
Burroughs Wellcome Fund  
2016-2018

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.

Michael Cato  
Bowdoin College  
2017-2019

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.

Mary Klein  
Former CEO of NatureServe (retired)  
2016-2018

Mary Klein is a founder of NatureServe, a nonprofit that develops the science to guide conservation action, and led the organization for 16 years, first as a Vice President and then as President and CEO. She currently serves on the boards of AIBS, the Wildlife Habitat Council, iDigBio (University of Florida), and the North American Commission for Environmental Cooperation. She holds a B.S. degree from Lehigh University, and a M.S. degree from the University of Florida.

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  
2016-2018

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

Raymond Mejía  
Harvey Mudd College  
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 Director’s 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.

Eric Nagy  
University of Virginia  
2016-2018

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.

Dee Silverthorn  
The University of Texas at Austin  
2016-2018

Dee Silverthorn is Professor of Physiology for the new Dell Medical School at University of Texas at Austin, where previously she taught physiology to undergraduate students. Her research interest is epithelial transport mechanisms underlying osmoregulation. She is past-president of the Human Anatomy & Physiology Society and has had multiple leadership positions in the American Physiological Society. She holds a Ph.D. in marine science from the University of South Carolina.

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

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2016</th>
</tr>
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<tbody>
<tr>
<td><strong>Assets</strong></td>
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<tr>
<td><strong>Current Assets</strong></td>
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<tr>
<td>Cash &amp; cash equivalents</td>
<td>$2,065,816</td>
<td>$1,853,318</td>
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<td>Investments</td>
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<td>Accounts receivable, net</td>
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<td>358,827</td>
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<td>Other assets</td>
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<tr>
<td>Prepaid expenses</td>
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<td><strong>Total Current Assets</strong></td>
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<td>$3,251,605</td>
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<td>Property and Equipment, net</td>
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<td>16,586</td>
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<tr>
<td>Other Assets</td>
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<td>4,810</td>
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<td><strong>Total Assets</strong></td>
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<td>$3,273,001</td>
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<tr>
<td><strong>Liabilities &amp; Net Assets</strong></td>
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<td></td>
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<tr>
<td><strong>Current Liabilities</strong></td>
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<td></td>
</tr>
<tr>
<td>Acct payable &amp; accrued exp</td>
<td>$239,182</td>
<td>$312,408</td>
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<tr>
<td>Deferred revenue</td>
<td>915,179</td>
<td>803,257</td>
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<tr>
<td>Deferred rent</td>
<td>--</td>
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<tr>
<td><strong>Total Current Liabilities</strong></td>
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<td>$1,115,665</td>
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<td><strong>Long-Term Liabilities</strong></td>
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<td>$1,115,665</td>
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<td>Deferred Revenue</td>
<td>375,000</td>
<td>450,000</td>
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<tr>
<td><strong>Total Liabilities</strong></td>
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<td>$1,565,665</td>
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<td><strong>Net Assets</strong></td>
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<tr>
<td>Unrestricted:</td>
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<tr>
<td>Undesignated</td>
<td>$1,510,821</td>
<td>$1,186,371</td>
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<tr>
<td>Board designated</td>
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<td>520,965</td>
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<tr>
<td><strong>Total Net Assets</strong></td>
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<td>$1,707,336</td>
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<tr>
<td><strong>Total Liabilities &amp; Net Assets</strong></td>
<td>$3,613,585</td>
<td>$3,273,001</td>
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</tbody>
</table>
## Financial Summary

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2016</th>
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<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-federal contracts</td>
<td>$ 3,612,181</td>
<td>$ 4,267,101</td>
</tr>
<tr>
<td>Publications</td>
<td>479,170</td>
<td>464,097</td>
</tr>
<tr>
<td>Federal contracts</td>
<td>90,303</td>
<td>(17,737)</td>
</tr>
<tr>
<td>Membership</td>
<td>230,987</td>
<td>204,163</td>
</tr>
<tr>
<td>Education, policy &amp; other prgms</td>
<td>17,416</td>
<td>5,663</td>
</tr>
<tr>
<td>Investment Income (loss)</td>
<td>57,422</td>
<td>43,948</td>
</tr>
<tr>
<td>Other</td>
<td>--</td>
<td>3,370</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td>$ 4,487,479</td>
<td>$ 4,970,605</td>
</tr>
<tr>
<td><strong>Expenses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-federal contracts</td>
<td>$ 1,838,352</td>
<td>$ 2,247,984</td>
</tr>
<tr>
<td>Membership services</td>
<td>121,091</td>
<td>115,085</td>
</tr>
<tr>
<td>Publications</td>
<td>197,144</td>
<td>193,292</td>
</tr>
<tr>
<td>Federal contracts</td>
<td>66,820</td>
<td>15,653</td>
</tr>
<tr>
<td>Education, policy &amp; other prgms</td>
<td>6,457</td>
<td>5,886</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td>$ 2,229,864</td>
<td>$ 2,577,900</td>
</tr>
<tr>
<td><strong>Indirect</strong></td>
<td>$ 1,880,727</td>
<td>$ 2,046,065</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td>$ 4,110,591</td>
<td>$ 4,623,965</td>
</tr>
<tr>
<td><strong>Change in net assets</strong></td>
<td>$ 376,888</td>
<td>$ 346,640</td>
</tr>
<tr>
<td>Net assets at beginning of year</td>
<td>$ 1,707,336</td>
<td>$ 1,360,696</td>
</tr>
<tr>
<td><strong>Net assets at end of year</strong></td>
<td>$ 2,084,224</td>
<td>$ 1,707,336</td>
</tr>
</tbody>
</table>
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 Institute of Biological Sciences
American Malacological Society
American Museum of Natural History
American Ornithological Society
American Public Garden Association
American Society for Gravitational and Space Research
American Society for Photobiology
American Society of Ichthyologists and Herpetologists
American Society of Mammalogists
American Society of Naturalists
American Society of Parasitologists
American Society of Plant Biologists
American Society of Plant Taxonomists
American Society of Primatologists
Animal Behavior Society
Arizona State University
Arkansas State University
Association for the Sciences of Limnology and Oceanography
Association for Tropical Biology and Conservation
Association of College & University Biology Educators
Association of Ecosystem Research Centers
Association of Southeastern Biologist
Association of State Wetland Managers
Bailey-Matthews Shell Museum
Berkeley Natural History Museums, University of California, Berkeley
Biodiversity Institute – University of Kansas Biological Sciences Curriculum Study
BioQUEST Curriculum Consortium
Bishop Museum
Botanical Research Institute of Texas
Botanical Society of America
Brigham Young University
Brooklyn Botanic Garden
Cactus and Succulent Society of America
California Botanical Society
Cary Institute of Ecosystem Studies
Coastal and Estuarine Research Federation
Coastal Education and Research Foundation
Columbus Technical College
Cornell University
Crustacean Society
Delaware Museum of Natural History
Denver Museum of Nature and Science
Duke Lemur Center
Ecological Society of America
Entomological Society of America
Florida Fish and Wildlife Research Institute
Florida State University
Genetics Society of America
Harvard University-MCZ
Helminthological Society of Washington
Herpetologists’ League
Hiram College
Human Anatomy & Physiology Society
iDigBio
Illinois Natural History Survey
Instituto de Geología Museo de Paleontología
International Association for Bear Research and Management
International Association for Landscape Ecology, U.S. Division
International Society for Ecological Modelling
Kent Prior Parks Canada Agency
Lepidopterists’ Society
Long Term Ecological Research Network
Louisiana State University-MNS
Michigan State University
Mississippi Museum of Natural Science
Missouri Botanical Garden
Mycological Society of America
National Association of Marine Laboratories
National Shellfisheries Association
National Tropical Botanical Garden
Natural Areas Association
Natural Science Collections Alliance
NatureServe
New York Botanical Garden
North Carolina Museum of Natural Science
Occidental College-MLZ
Organization of Biological Field Stations
Paleontological Society
Phycological Society of America
Poultry Science Association
Purdue University, Dept. of Entomology
Queens University of Charlotte
Radiation Research Society
San Diego Natural History Museum
Santa Barbara Museum of Natural History
Sitka Sound Science Center
Society for Behavioral Neuroendocrinology
Society for Conservation Biology
Society for Economic Botany
Society for Freshwater Science
Society for Industrial Microbiology and Biotechnology
Society for Integrative and Comparative Biology
Society for In Vitro 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 and Chemistry
Society of Herbarium Curators
Society of Mineral Museum Professionals
Society of Nematologists
Society of Systematic Biologists
Society of Vertebrate Paleontology
Society of Wetland Scientists
SDSU Natural Resource Management
Southern Appalachian Botanical Society
Southern California Academy of Sciences
Southwestern Association of Naturalists
St. Joseph’s University, Biology Department
Texas A & M University
Natural Science Research Laboratory, Museum of Texas Tech University
The Field Museum of Natural History
Torrey Botanical Society
Natural History Museum of Utah
University of Alaska, Museum of the North
University of Connecticut, Department of Ecology and Evolutionary Biology
University of Florida
University of Iowa, Museum of Natural History
University of Minnesota
University of Nebraska
University of New Mexico-MSB
University of Oklahoma
University of Texas, Austin – Texas Natural Science Center
University of Texas, El Paso
Washington State University-NHM
Weed Science Society of America
Yale University
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Our Gratitude

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.

Thank you to all biologists who submitted to AIBS’s 2016 and 2017 Faces of Biology photography contest, the photographs from which decorate this year’s Annual Report.