The Federation of American Societies for Experimental Biology (FASEB) advances health and welfare by promoting progress and education in biological and biomedical sciences through service to our member societies and collaborative advocacy.

Representing over 120,000 researchers.

FASEB Member Societies

<table>
<thead>
<tr>
<th>Society</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>APS</td>
<td>The American Physiological Society</td>
</tr>
<tr>
<td>ASBMB</td>
<td>American Society for Biochemistry and Molecular Biology</td>
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<tr>
<td>ASPET</td>
<td>American Society for Pharmacology and Experimental Therapeutics</td>
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<tr>
<td>ASIP</td>
<td>American Society for Investigative Pathology</td>
</tr>
<tr>
<td>ASN</td>
<td>American Society for Nutrition</td>
</tr>
<tr>
<td>AAI</td>
<td>The American Association of Immunologists</td>
</tr>
<tr>
<td>AAA</td>
<td>American Association of Anatomists</td>
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<tr>
<td>PS</td>
<td>The Protein Society</td>
</tr>
<tr>
<td>SDB</td>
<td>Society for Developmental Biology</td>
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<tr>
<td>APEPS</td>
<td>American Peptide Society</td>
</tr>
<tr>
<td>ABRF</td>
<td>Association of Biomolecular Resource Facilities</td>
</tr>
<tr>
<td>ASBMR</td>
<td>American Society for Bone and Mineral Research</td>
</tr>
<tr>
<td>ASCI</td>
<td>The American Society for Clinical Investigation</td>
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<tr>
<td>SSR</td>
<td>Society for the Study of Reproduction</td>
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<tr>
<td>TS</td>
<td>The Teratology Society</td>
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<tr>
<td>ES</td>
<td>Endocrine Society</td>
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<tr>
<td>ASHG</td>
<td>The American Society of Human Genetics</td>
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<tr>
<td>ISCB</td>
<td>International Society for Computational Biology</td>
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<tr>
<td>ACSM</td>
<td>American College of Sports Medicine</td>
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<td>BMES</td>
<td>Biomedical Engineering Society</td>
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<tr>
<td>GSA</td>
<td>Genetics Society of America</td>
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<td>AFMR</td>
<td>American Federation for Medical Research</td>
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<tr>
<td>HCS</td>
<td>The Histochemical Society</td>
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<tr>
<td>SPR</td>
<td>Society for Pediatric Research</td>
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<td>SIG</td>
<td>Society for Glycobiology</td>
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<tr>
<td>AMP</td>
<td>Association for Molecular Pathology</td>
</tr>
<tr>
<td>SFRBM</td>
<td>Society for Free Radical Biology and Medicine</td>
</tr>
</tbody>
</table>
Thank you to our volunteers.

FASEB Board

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All information reported as of December 31, 2014
Throughout 2014, our major efforts continued to focus on increasing federal research funding. At the end of January, FASEB released new data and analysis on the effects of budget cuts on biomedical research, and in February FASEB released its FY 2015 Federal Funding Report with recommendations for 2015 appropriations for the National Institutes of Health (NIH), National Science Foundation (NSF), Department of Veterans Affairs, the U.S. Department of Agriculture (USDA), and the Department of Energy Office of Science (DOE SC). These funding recommendations—embraced by several other organizations—communicated to Congress the importance of sustained, predictable, and increased federal investment in biological science to address unmet needs in health and quality of life and to improve economic competitiveness.

On March 5, FASEB held its annual Capitol Hill Day, and it was our largest ever. We had 45 representatives from our member societies (including five FASEB Society Presidents) and were able to visit 89 congressional offices. We received positive receptions from most of the people we met with, and many agreed to add their names to letters supporting NIH and to make programmatic requests for increased NIH and NSF funding.

Later in March, FASEB issued an e-Action alert encouraging people to email their senators and representatives and ask them to submit appropriations requests in support of FASEB’s FY 2015 funding recommendations. The call for increased federal funding for biological research generated some promising activities on Capitol Hill. Three new bills were drafted to increase funding for biomedical research, a sign that some members of Congress are thinking about ways to increase research funding. In May, after FASEB released our NIH state factsheets, Senator Tom Harkin sent a letter about them to all his Senate colleagues.

As part of FASEB’s effort to include science issues in the congressional races, we released new district factsheets documenting NIH, NSF, DOE SC, and USDA research funding by congressional district (September 23). Copies were sent to candidates and all members of Congress at their Capitol Hill and district offices. An e-Action alert was sent on October 16 urging scientists to contact the candidates in the 2014 mid-term election with information on research funding in their districts.

FASEB’s November 11 e-Action alert urging Congress to pass an omnibus spending bill generated over 8,500 emails to Congress, and in December the House and Senate approved a spending package for fiscal year 2015 that provides small funding increases for nearly all of the science agencies. NIH received a $150 million boost, NSF’s budget will grow by $172 million, and an additional $9 million will go to the USDA competitive research program. These are small steps in the right direction, but we all must redouble our efforts to advocate for more sizeable increases in science budgets in the coming year.

Newly appointed Director of the National Science Foundation, France A. Córdova, speaks to FASEB Board
While research funding has been a top concern for us, it has not been our only focus. In March, FASEB released a new report and resource web page, The Threat of Extremism to Medical Research: Best Practices to Mitigate Risk through Preparation and Communication. We held three roundtable meetings on “Sustaining Discovery in Biological and Medical Sciences” focusing on infrastructure and regulatory burden, workforce issues, and optimizing the research portfolio.

FASEB released 12 major policy statements in 2014 covering a range of subjects including animal research, regulatory burden, big data, peer review, and clinical research. They are having an impact. Revised guidance released by the NIH Office of Laboratory Animal Welfare incorporated several recommendations made by FASEB and our member societies. This guidance offers institutions the opportunity to reduce their self-imposed burden and facilitate research. The new NIH Genomic Data Sharing Policy also incorporated many of FASEB’s recommendations. When I attended the White House ceremony for winners of the National Medal of Science and the National Medal of Technology and Innovation on November 20, Representative Rush Holt (D-New Jersey) congratulated me on FASEB’s letter in opposition to H.R. 4012, the Secret Science Reform Act. He praised our letter on the House floor during debate on the Secret Science Act and entered it into the Congressional Record.

FASEB has also been stepping up efforts to inform the public about the benefits of biomedical research. We announced the winners of the Stand Up for Science video contest, and NIH Director Francis Collins, MD, PhD, praised FASEB and the winning video. Dr. Collins has also cited the winners of FASEB’s BioArt competition in his public communications. We published “Epigenetics: Looking Beyond our DNA,” a new article in the Horizons in Bioscience series in April and a Breakthroughs in Bioscience article, “Individualized Medicine: Genetically Fine-Tuning Prevention, Diagnosis, and Treatment of Disease,” in September.

We are a strong organization and we are growing stronger. This year, to improve communications and coordination, my predecessor, Margaret Offermann, and I have met with the leadership and councils of 12 member societies. We added a new member society, the Society for Free Radical Biology and Medicine, and we have been approached by several other prospective members. As a result, I am confident that we will be even more effective advocates for biological and biomedical research in the coming year.

Joseph R. Haywood
FASEB President
FASEB continues to work with the Administration and Congressional leadership to ensure pro-science policies. As described in other parts of this report, FASEB’s Office of Public Affairs worked diligently in 2014 to implement many aspects of FASEB’s Strategic Map. Member and non-member societies alike recognize FASEB as the most effective advocacy organization that represents the interests of biological and biomedical researchers. On July 1, 2014, we were pleased to admit the Society for Free Radical Biology and Medicine as the twenty-seventh member of our Federation.

We had several changes in staff leadership during 2014. After a national search, Deborah Diddle was appointed as FASEB’s Director of Finance and Leigh Sung was recruited to be Assistant Director of Finance. Jennifer Pesanelli was appointed to the position of Deputy Executive Director for Operations, Jennifer Zeitzer is now the Deputy Director of the Office of Public Affairs, and Stefan Bradham is the Deputy Director of the Society Management Services and Marketing department. We also initiated the process of searching for the next Editor-in-Chief of The FASEB Journal. The next Editor-in-Chief will succeed Gerry Weissmann, who has ably served in that role since 2005.

We continued to implement best practices and to ensure the long-term financial sustainability of FASEB’s operating and capital budgets and investments. All FASEB’s business lines—Campus Services, Publications, Meetings and Conferences, and Society Business Services—generated positive net income for FASEB in 2014. We are “firing on all cylinders” financially. The FASEB Science Research Conferences (SRC) program has returned to generating its previous high level of net revenue for FASEB. Several on-campus societies expanded the number of square feet they occupied. In addition, several other tenants and FASEB departments expanded their space usage. As a result of these actions throughout 2014, our vacancy rate was reduced from 6.9% on January 1 to 4.8% on December 31. This is in comparison to the Montgomery County, MD average vacancy rate of 16.9%. Energy and other efficiencies, together with the relatively low vacancy rate, have resulted in significant net revenue from the campus. The FASEB Journal had another very good year in 2014 and continues to be a major financial contributor to the Federation. The Maximizing Access to Research Careers program provided 552 travel awards for 34 meetings and 8 SRCs and managed an NIGMS-sponsored Postdoctoral Preparation Workshop. Also, for the second year in a row, budgeted revenues exceed budgeted expenses in the 2015 budget presented to the FASEB Board in December.

Finally, at their December meeting, the FASEB Board approved the creation of a new Communications Director position in FASEB’s Office of Public Affairs. The new Communications Director will increase outreach to and communications with member societies, national media, and the public. In this and other ways, we will continue to build upon our earned reputation as the country’s preeminent biomedical advocacy organization.

The FASEB Journal had another very good year in 2014 and continues to be a major financial contributor to the Federation.
The FASEB Office of Public Affairs (OPA) works with representatives of FASEB member societies, member society staff, government officials, and advocacy partners to advance policies on behalf of working scientists. OPA conducts in-depth policy analyses, develops and executes legislative strategies, and provides communication and technical support for all FASEB public policy initiatives. FASEB’s reputation as the voice of the biomedical research community is such that legislators, federal agencies, and other organizations seek the perspectives of FASEB’s leadership and its public affairs team when issues related to science arise.

Making the Case to Increase Federal Funding for Research

Although the bipartisan budget resolution negotiated by Representative Paul Ryan (R-Wisconsin) and Senator Patty Murray (D-Washington) avoided a government shutdown, it did not eliminate the funding problems that have plagued the biological research community for over a decade. The budget deal also did not provide a long-term solution to sequestration—automatic cuts to non-defense discretionary spending initiated by the Budget Control Act of 2011. To combat these continued threats, FASEB launched a multi-faceted advocacy campaign that highlighted the negative effects of budget cuts on the research community and emphasized the need for sustainable and predictable funding for federal research.

The February release of FASEB’s FY 2015 funding recommendations for biomedical and related life science research kicked off a busy spring during which FASEB submitted testimony to the U.S. House and Senate appropriations subcommittees regarding the FY 2015 budget for the National Institutes of Health (NIH), National Science Foundation (NSF), U.S. Department of Agriculture (USDA) research programs, Department of Energy Office of Science (DOE SC), and Department of Veterans Affairs (VA) Medical and Prosthetic Research Program. In addition, FASEB took time to acknowledge the efforts of those who championed basic research funding on Capitol Hill.

In March, FASEB hosted its largest Capitol Hill Day to date, with 45 participants representing the FASEB Board, Science Policy Committee and basic biomedical science chairs associations. Five member society presidents also joined the group that visited 89 congressional offices. Building upon the success of these meetings, FASEB issued an e-Action alert that generated over 7,200 messages urging members of Congress to make programmatic requests to increase funding for NIH and NSF. FASEB e-Action alerts also engaged scientists in the 2014 mid-term elections by encouraging them to share information about research funding with candidates, while a November alert urging Congress to pass omnibus appropriations generated over 8,500 responses.

In addition to its efforts on Capitol Hill, FASEB continues to develop resources to help scientists advocate for research funding in their home districts. FASEB’s new advocacy website serves as a key source of information for scientists to engage elected officials in a broader dialogue about the importance of federal funding for research. The website includes FASEB’s popular factsheets that detail the impact of NIH funding state-by-state as well as new factsheets that document NIH, NSF, DOE SC, and USDA funding by congressional district. A webinar describing these new resources and the basics of how to advocate for research was attended by scientists, advocates, and other representatives from over 40 institutions and patient groups.
The Policy Voice for Biological Research

On Capitol Hill and within the research community, FASEB continues to be recognized as a leader in policy discussions that affect scientists. Over the course of 2014, FASEB issued comments on proposed agency policies, implementation plans, and guidelines for topics ranging from data sharing, updates to grant application and progress report formats, and proposals for new mechanisms to fund research. FASEB’s continued agency-level advocacy was rewarded in April when NIH rolled back its controversial 2009 policy that limited researchers to one resubmission of an unsuccessful grant application. FASEB statements and testimony spanned a broad range of issues, including conference travel, regulatory burden, and new strategies for funding researchers. The valuable role scientific conferences play in fostering communication and collaboration between researchers was the focus of FASEB’s testimony for a Senate hearing on federal conference travel and spending and subsequent statement to the Chair and Ranking Member of the Senate Committee on Homeland Security that highlighted concerns with the limits imposed by the Senate Conference Accountability Act (S 1347).

Reducing Researchers’ Administrative Workload

In April, the National Science Board issued its report on ways to reduce the administrative workload associated with federally funded research, with several of the recommendations reflecting FASEB’s input. As a result of this report, the House introduced and passed the Research and Development Efficiency Act (HR 5056), a bill to establish a federal working group to review federal regulations affecting research and research universities and make recommendations on how to minimize duplicative Federal regulations and the overall regulatory burden on researchers. FASEB’s opposition to HR 4012, the Secret Science Reform Act, a bill that intended “to prohibit the Environmental Protection Agency from proposing, finalizing, or disseminating regulations or assessments based upon science that is not transparent or reproducible,” was praised by Representative Rush Holt (D-New Jersey) during House debate of the legislation.

Sustaining the Research Enterprise

OPA staff and member society representatives conducted a data-driven analysis of the major challenges facing the biological and medical research enterprise and developed strategies to alleviate them. This analysis was used to initiate a broader discussion of strategies to maximize federal grant dollars and ensure a thriving biological research enterprise. During 2014, FASEB hosted three meetings to discuss issues related to the U.S. research enterprise with a broad range of stakeholders, including representatives of research institutions, associations, federal research agencies, and individual FASEB member societies. By bringing together key stakeholders, these roundtable discussions facilitated the development and discussion of potential policy options related to research infrastructure, regulatory burden, workforce, and the federal research portfolio. A final report and recommendations were prepared for release and broader discussion in early 2015.
Highlighting the Importance of Animals in Research

FASEB continues to be recognized as a leading advocate and source of information for the humane use of animals in research and education. A new factsheet that highlighted the role of animal research in improving human and animal health was released in March and included in the materials distributed to congressional staff by FASEB Capitol Hill Day participants. The Threat of Extremism to Medical Research: Best Practices to Mitigate Risk through Preparation and Communication—a report of the guidelines and case studies discussed during a 2012 international summit—was widely disseminated to researchers, institutions, and partner organizations to increase awareness of effective strategies against animal rights extremists. An animal rights extremism resource website was launched in conjunction with the report release.

Feedback from FASEB and several member societies was integral to NIH policies on animal research. Concerns raised in response to proposed guidance regarding significant changes to ongoing animal activities led to the incorporation of several FASEB recommendations, reducing regulatory burden and increasing reliance on professional judgment. FASEB also actively participated in discussions regarding consideration of sex as a biological variable in NIH funded research.

Communicating the Importance of Basic Biological Research

FASEB continues to pursue innovative ways to engage scientists, the public, and policy makers in a dialogue regarding the importance of federal support for biological research. Aimed at increasing awareness of federal funding support for biological and biomedical science, FASEB’s Stand Up for Science video competition challenged entrants to create short videos for non-technical audiences. Viewed over 28,000 times, “Funding Basic Science to Revolutionize Medicine” was produced by a group of graduate students and postdoctoral researchers from the University of California San Francisco and described the broad impact of the discovery of restriction enzymes on biological research. Additional praise for the video came from NIH Director, Francis Collins, MD, PhD, and advocacy partner the Foundation for Biomedical Research, which awarded the group its DeBakey Journalism Award for Best Viral Video.

Images and videos from FASEB’s BioArt competition continued to captivate viewers and engage a broader audience in the discussion of the importance of federal funding for basic biological research (select winners shown on the next page). A public science café discussion sponsored by the National Museum of Health and Medicine in January featured winning images from the 2012 and 2013 contests. Winners of the 2014 contest were featured in a range of news outlets, including the Los Angeles Times, Science, and ASBMB Today, as well as the NIH Director’s blog. BioArt images have been displayed at the NIH Visitor’s Center, the Defense Health Headquarters, and even Dulles International Airport.

Office of Public Affairs staff utilized the biannual U.S. Science and Engineering Festival to highlight the latest article in the Horizons in Bioscience series, “Epigenetics: Looking Beyond our DNA.” Using DNA models assembled from different candies, festival attendees learned the basics of this complex biological process. The possibilities resulting from genetic research were highlighted in “Individualized Medicine: Genetically Fine-Tuning Prevention, Diagnosis, and Treatment of Disease,” released in September as part of the Breakthroughs in Bioscience series. Collaboration with the National Association of Biology Teachers has increased exposure and demand for these articles, which are available in print and online.
A. These maps of complex nerve cell networks were created using an online game, Eyewire. Through game play, individuals process laboratory data, creating maps of each synapse (connection) between nerve cells. (Image courtesy of Amy Robinson and colleagues)

B. Cancer cells communicate with each other using a variety of processes. This image of two pancreatic cancer cells shows one such mechanism, a tunneling nanotube. (Image courtesy of Matthew J. Ware and Biana Godin Vilentchouk)

C. Researchers used specialized software to transform 2D electron microscopy images into a 3D model of a critical step in viral replication. (Image courtesy of Gökhan Tolun, Alexander M. Makhov, Steven J. Ludtke, and Jack D. Griffith)

D. This image depicts the complex skeleton of the scalyhead sculpin fish, Arctedius harringtoni. The fish skeleton (red) and cartilage (blue) were stained and the remaining tissue made transparent, allowing researchers to study the relationship between joint mobility and morphology. (Image courtesy of Adam Summers)

E. In bone development and repair, osteoclast cells (red) break down cartilage (purple) to create a passageway for blood vessels filled with red blood cells (yellow). (Image courtesy of Paul R. Odgren)

For more information on FASEB’s BioArt competition, please visit www.faseb.org/BioArt.
Office of Public Affairs Publications in 2014

- The Threat of Extremism to Medical Research: Best Practices to Mitigate Risk through Preparation and Communication (http://bit.ly/1aD1f29)
- Animal Research Extremism Resource Website (www.animalrightsextremism.org)
- Individualized Medicine (www.faseb.org/breakthroughs)
- Epigenetics: Looking Beyond Our DNA (www.faseb.org/breakthroughs)
- Education and Employment of Biological and Medical Scientists 2015: Data from National Surveys (www.faseb.org/EducationandEmployment)
- Federal Funding for Biomedical and Related Life Sciences Research FY 2015 (http://www.faseb.org/fundingreport)
- Washington Update (washingtonupdate.faseb.org)

Behind the Scenes—Office of Public Affairs Staff

Current Staff Members

Howard Garrison, PhD, Director, is responsible for overall coordination and direction of public policy and advocacy activities.

Science Policy

Yvette Seger, PhD, Director of Science Policy, directs FASEB’s science policy portfolio, serves as the staff liaison to the Science Policy Committee, and is responsible for issues related to graduate and postdoctoral training, clinical and translational research, and evaluation of research investments.

Anne Deschamps, PhD, Senior Science Policy Analyst, specializes in issues related to the humane use of animals in research and education and is the Managing Editor of FASEB’s Breakthroughs in Bioscience and Horizons in Bioscience publications.

Bethany Drehman, PhD, Science Policy Analyst, is responsible for policy issues related to data science and informatics and biosecurity.

Legislative Affairs

Jennifer Zeitzer, Deputy Director of the Office of Public Affairs, directs the FASEB Capitol Hill Office and represents FASEB in communications with the U.S. Congress. She develops legislative strategies and coordinates our efforts with those of our chief advocacy partners.

Meghan McCabe, JD, Legislative Affairs Officer, assists with FASEB’s overall legislative affairs program and is responsible for tracking efforts pertaining to appropriations for the DOE SC, USDA, and NSF.

Communications

Lawrence Green, Communications Manager, oversees OPA’s media relations program, coordinates external communications initiatives, manages the OPA webpages, and provides research and design support on special projects.

Allison Lea, MA, Science Writer, manages FASEB’s biweekly e-newsletter, The Washington Update, and provides writing and editorial support to the OPA team.

Elisabeth Campbell, Public Affairs Assistant, organizes communications with the FASEB Board, committees, and societies and assists with the overall smooth functioning of OPA.

Science Policy Fellows

Ashley Parker, PhD, assisted the legislative team with a project to identify potential champions for biomedical research and science funding within the U.S. Congress.
The Maximizing Access to Research Careers (MARC) Program was created by the National Institute of General Medical Sciences, National Institutes of Health (NIGMS/NIH) to increase the number of biomedical and behavioral scientists from underrepresented minority groups. A key objective of the NIGMS/NIH Program is the encouragement of underrepresented minority students in the pursuit of graduate training leading to the PhD degree in the biomedical sciences.

FASEB has supported the training of underrepresented minority scientists for over 30 years through MARC grants that involve a variety of programs and activities carried out by the Office of MARC and Professional Development Programs:

- Support for FASEB member societies’ diversity program initiatives
- Travel Awards for faculty and students to attend FASEB member societies’ scientific meetings and conferences
- Travel Awards for poster/oral presenters (students and postdoctoral fellows) to attend FASEB member societies’ scientific meetings and conferences
- Travel Awards for underrepresented scientists, senior postdoctoral fellows, and graduate students to attend FASEB Science Research Conferences
- Sponsoring grantsmanship training seminars and workshops at scientific meetings during the summer sessions and on the campuses of minority institutions
- Sponsoring career development programs and activities for underrepresented researchers and students during the Experimental Biology Annual Meeting and a select group of other FASEB member societies’ meetings
- Support for the FASEB MARC Program Advisory Board Annual Meeting
- Hosting FASEB MARC Program activities and InfoNet on the FASEB website

### 2014 MARC Program Activity Report

#### Science Research Conferences Travel Awards
- 8 conferences
- 11 graduate students/postdoctorates

#### Grantsmanship Training/Leadership Development Seminar Travel Awards
- 1 seminar sponsored
- 10 junior faculty/postdoctorates/graduate students

#### 2014 FASEB Member Society Partner Travel Awards

**APS** 14  
**ASBMB** 14  
**ASPET** 10  
**ASIP** 6  
**ASN** 15  
**AAI** 37  
**SDB** 11  
**ASBM** 4  
**ASCI** 1  
**SSR** 6  
**ES** 11  
**ASHG** 17  
**ISCB** 8  
**ACSM** 90  
**BMES** 13  
**GSA** 8  
**HCS** 4  
**AMP** 3  
**ABRF** 7  
**FASEB MARC at EB2014** 104

#### Non-FASEB Member Society Meetings

**ABRCMS** 56  
**ASCB** 1  
**SACNAs** 10  
**CFD** 17  
**ISAC** 2  
**SLB** 1  
**ASM** 3  
**PPI** 58

**TOTAL AWARDS 552**
The FASEB Science Research Conferences (SRC) are highly regarded programs designed to facilitate communication at the cutting edge of current research topics.

FASEB is comprised of a continuing series of interdisciplinary conferences, which are recognized as a valuable complement to society meetings. In 2014, thirty-five (35) conferences were scheduled from June through September. The FASEB SRC Advisory Committee reviews and selects conference proposals submitted by both member and nonmember organizers. Every effort is made to avoid duplication of other conferences and topics while ensuring an emphasis on cutting-edge research. Prominent scientists present to attendees who are heavily engaged in research or who are in ancillary fields where an understanding of emerging scientific advances is important. Postdoctoral candidates are also encouraged to participate in the conferences. Attendees are selected by the organizers on the basis of their potential contributions to science.

The total attendance for all conferences was 3,932 with an average of 112 attendees per conference. Thirty-two (32) percent of the attendees were from outside the U.S. The summer of 2014 was the first time a meeting was held in Keystone, Colorado. The venues in Colorado (Snowmass Village and Steamboat Springs) have remained the most popular locations. Vermont Academy, which consistently books six to nine weeks, also remains popular with participants.

The FASEB SRC is exploring other sites both domestically and internationally to be able to give the organizers and participants more options and opportunities to organize conferences. We are also encouraging and promoting year-round proposal submissions allowing the FASEB SRC Office opportunities to support additional conferences.
Nine years have passed since our editorial board assumed responsibility for The FASEB Journal, and we report continued progress in the year past. We have maintained a solid reputation with our constituency, have continued the tradition of rigorous review, and attracted a record number of viewers to our Journal on the Web. We have also attracted submissions from around the globe.

Publishing Performance

We live in an age when circulation is measured by hits on a website. The total number of hits to our journal in the past year has increased to over 12 million in 2014 vs 4.7 million in 2005.

We now receive about 140 initial query submissions a month. Using the same criteria for review, our acceptance rate has risen since the peak of submissions in 2010. We conclude that we are getting better and tidier submissions: we’ve discouraged the weaker candidates. We have also had fewer papers with excess supplemental data (supplemental data requirements were drastically lowered at the request of the editorial board). The turnaround time between first submission and acceptance has been maintained at around 95-odd days (versus 102 days in 2005).

Citation Record

We continue to be the most highly cited biology journal.

<table>
<thead>
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<th>Highly Cited Biology Journals (2013)*</th>
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<tr>
<td>The FASEB Journal</td>
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<tr>
<td>Nature Cell Biology</td>
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<tr>
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<td>of the Royal Society</td>
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<td>Biological Sciences</td>
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<th>Performance of The FASEB Journal</th>
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*Includes Web crawlers

This ranking has been pretty well maintained for the last five years, and the numbers above translate into a 5-year impact factor over 6 (shown below). Our 5-year impact factor is at the level of other competitors: PLOS One clocks in at 4.015; the Journal of Molecular Biology at 3.795.

Citations and Impact Factor of The FASEB Journal

<table>
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<td>28,657</td>
<td>5.4</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Latest available. There is a two-year lag from the June reporting date.

Indeed, while our impact factor has dropped slightly over the years, a similar decline is noted for other journals in our league: the Journal of Biological Chemistry has gone from 5.808 in 2006 to 4.600 in 2013, presumably because of the flood of new open access and/or vanity publications. We note that the half life of citations to papers we publish (the longer-term interest) has risen from 5.4 in 2005 to 8.5 in 2013 (see above).
Changes in Focus and Submissions

Over the last nine years, the focus of articles submitted to us has changed. A glance at the key words of papers submitted confirms that the journal's previous focus on dementia, the aging process, and atherosclerosis has been replaced by "younger" interests in epigenetics, microRNA, autophagy, muscle, and obesity!

<table>
<thead>
<tr>
<th>Key Words</th>
<th>Total No.</th>
<th>Total %</th>
<th>Key Words</th>
<th>Total No.</th>
<th>Total %</th>
</tr>
</thead>
<tbody>
<tr>
<td>inflammation</td>
<td>88</td>
<td>1.21</td>
<td>inflammation</td>
<td>34</td>
<td>1.24</td>
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<tr>
<td>apoptosis</td>
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<td>0.61</td>
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<td>32</td>
<td>1.17</td>
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<tr>
<td>oxidative stress</td>
<td>37</td>
<td>0.51</td>
<td>angiogenesis</td>
<td>30</td>
<td>1.09</td>
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<tr>
<td>angiogenesis</td>
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<td>0.48</td>
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<td>0.77</td>
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<tr>
<td>obesity*</td>
<td>32</td>
<td>0.44</td>
<td>aging†</td>
<td>16</td>
<td>0.58</td>
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<tr>
<td>autophagy*</td>
<td>28</td>
<td>0.39</td>
<td>mitochondria</td>
<td>14</td>
<td>0.51</td>
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<tr>
<td>mitochondria</td>
<td>25</td>
<td>0.34</td>
<td>neurodegeneration†</td>
<td>14</td>
<td>0.51</td>
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<tr>
<td>epigenetics*</td>
<td>22</td>
<td>0.30</td>
<td>Alzheimer's†</td>
<td>11</td>
<td>0.40</td>
</tr>
<tr>
<td>microRNA*</td>
<td>22</td>
<td>0.30</td>
<td>atherosclerosis†</td>
<td>11</td>
<td>0.40</td>
</tr>
<tr>
<td>skeletal muscle*</td>
<td>20</td>
<td>0.28</td>
<td>endothelial cells</td>
<td>10</td>
<td>0.37</td>
</tr>
</tbody>
</table>

As our topics have changed, so the base of our submissions has broadened. For the last few years, between 20–24% of submissions have come from the US, with Anglophone countries still in the majority. We note that in 2014 we received IQ queries from several unexpected sources: Bulgaria, Egypt (2), Iran*, Iraq, Malaysia, Morocco, Pakistan, Peru, Saudi Arabia, Slovakia, Slovenia*, United Arab Emirates, Uzbekistan*, and Vanuatu (2)—Vanuatu is an independent country roughly 1000 miles east of Australia.

*indicates an acceptance

Editorials and Reviews

Thanks to the efforts of our publications and communications committee and our editorial board, several of the Editorials, Essays and Up Front Book Reviews have attracted widespread readership in 2014:

- **FASEB SRC Essay**: Jeffrey L. Brodsky and Patricia L. Clark
  Protein Folding in the Cell, from Atom to Organism
  FASEB J December 2014 28:5034-5038

  FASEB J December 2014 28:5039-5041

  FASEB J August 2014 28:3287-3289

- **Editorial**: Thoru Pederson Tritiated Thymidine: A Breakthrough in DNA Replication and Repair
  FASEB J July 2014 28:2739-2741;
  doi:10.1096/fj.14-0701ufm

The Public Face

Our press coverage has gone hand in hand with the attention our journal has attracted on the Web: those 12 million hits are directly due to the efforts of our platoon of writers and publicist in the Press Office (Cody Mooneyhan).

This year, the top five articles picked up by the media neatly reflect the broad range of interest of the FASEB Journal:

- **Stem cells may be more widespread and with greater potential than previously believed** (regenerative medicine)
- **Why dark chocolate is good for your heart** (oxidative stress, cell adhesion)
- **Scientists explain age-related obesity: Brown fat fails** (adipocyte biology)
- **Want a good night’s sleep in the new year? Quit smoking** (chronobiology)
- **Scientists discover that thyroid cancer cells become less aggressive in outer space** (space biology)

The releases above, and dozens of other worthies, have been noted in the following publications: ABC News, Baltimore Sun, Chicago Tribune, Good Morning America Online, Huffington Post, LA Times, Le Monde, New York Daily News, New York Post, Prevention magazine, Reuters, San Francisco Chronicle, Time magazine, U.S. News and World Report, Washington Post, Yahoo Health, etc.
FASEB has been supporting scientific societies and biomedical research for over a century and our management expertise has expanded greatly over the years. Our tailored services meet the precise needs of societies, from day-to-day administration to long-term planning, and span a wide range of disciplines. We generate revenue, gain exposure for our clients’ missions, and grow their membership all while saving them time, money, and the hassle of day-to-day management. Through sound management practices, our clients can focus on what’s most important—the science and research.

Our Services

Our team is accustomed to the unique responsibilities of nonprofit entities and can establish the necessary strategies, processes, correspondence, logistics, and staff to fulfill those requirements. We provide a comprehensive range of services from full service management, providing an executive director for managing all aspects of a client organization, to a robust suite of complementary services including:

- Administrative and governance support services
- Membership marketing, recruitment, and retention
- Marketing and advertising services
- Meeting, conference, and event management
- Publication services
- Accounting and financial services
- Project management services

These services can be contracted for a la carte or as a suite of services supporting the Executive Director. We tailor our solution to meet the exact needs of our clients.

FASEB Clients

Many nonprofit organizations benefit from the products and services provided by FASEB’s Society Management Services. In 2014, our clients included:

- Alliance of Hazardous Materials Professionals
- American Association of Implantologists
- The American Board of Genetic Counseling
- American Board of Medical Genetics
- The American Physiological Society
- The American Society of Human Genetics
- American Society for Investigative Pathology
- American Society for Matrix Biology
- American Society for Nutrition
- American Society for Pharmacology and Experimental Therapeutics
- American Society of Plant Biologists
- American Society for Virology
- Association for Molecular Pathology
- The Association of Biomolecular Resource Facilities
- Association of Pathology Chairs
- Association of Professors of Human and Medical Genetics
- Dydad
- Experimental Biology
- Foundation for National Institutes of Health
- Genetics Society of America
- The Henry Kunkel Society
- The Histochemical Society
- Inflammation Research Association
- International Association for Vegetation Science
- International Cytokine and Interferon Society
- International Endotoxin and Innate Immunity Society
- International Energy Agency Hydrogen Implementing Agreement
- International Society for Advancement of Cytometry
- International Society for Cerebral Blood Flow & Metabolism
- International Society for Computational Biology
- International Society for Hyaluronic Sciences
- Institute of Mathematical Statistics
- Life Sciences Research Office
- PANLAR Charitable Trust
- RNA Society
- Society for Developmental Biology
- Society for Disaster Medicine and Public Health
- Society for Glycobiology
- Society for Leukocyte Biology
- Society for Personality and Social Psychology
- Society of Biological Inorganic Chemistry
- Society of Vertebrate Paleontology
- World Congress on Inflammation
- Wound Healing Society

(Left) Island Adventure Closing Ceremony of the XXIX Congress of the International Society for Advancement of Cytometry in Fort Lauderdale, FL. (Right) Lisa Hetherington, Wound Healing Society’s Executive Director (not pictured), participates in their strategic planning session in Atlanta, GA.
The FASEB Beaumont Campus provides services and facilities to serve and house FASEB operations, member societies and other nonprofit tenant organizations. Our goal is to provide an environment for campus staff that is safe, comfortable, collegial and productive. Our services are constantly being reviewed to ensure we provide those services which are needed and wanted by the campus community. Services available for the campus community include conference support, on-site facility staff, telephone and internet, receptionist service, purchasing, mailing services, copying services and janitorial.

The campus continues to enjoy a low vacancy rate as efforts were implemented to utilize space more effectively. We have relocated one tenant to a formerly vacant area which released space allowing us to expand the Membership Services space which is in a growth phase due to increased contract activities. The FASEB Accounting Office is being relocated which will provide a consolidation of department offices to allow for easier interaction between co-workers. Currently, we have a few small pockets of vacant space which are becoming fewer as we meet space expansion needs of FASEB departments, member societies and other nonprofit tenant societies.

Efforts to enhance the campus environment by making the physical facilities more efficient and secure were undertaken throughout the year. We continued to implement energy reduction efforts by retro-fitting or replacing all of the lights in the Lee Building with more energy efficient lighting fixtures while not sacrificing the quality of light. In addition to energy reductions, we hosted a visit from a representative from the local government recycling program to share recycling information with the campus community. Campus security was enhanced by modifying our electronically controlled door access at four exterior doors. The previous system allowed for the specific exterior door to be unlocked from multiple locations after visitor verification with limited video and audio located at the door location. The revised system is centrally controlled from one location which is constantly staffed during the day and has access to a wider range of video and audio of the person requesting entry. The revised system also allows for video capture of activity at the door, while the previous system did not.

The campus Conference Center provided services for 395 events in 2014, with the majority of them being held in our conference center rooms. In addition to those events requiring food/beverage service, we had many events which only required the use of one of the conference rooms. On campus, we have five conference rooms for general campus use of varying capacities totaling 3,823 square feet in addition to the 1,485 square foot Chen Auditorium, which seats 122 people. Improvements to the conference areas included the installation of direct-wired TVs in three of the conference rooms which replaced older projector technology.

As a result of a continuing decline in the use of reproduction and production mail services, we identified and implemented cost cutting measures to improve the financial sustainability of the campus. This included re-organization of cost centers, reductions in force, shifting of task responsibilities and elimination of some services. The end result was the elimination of the Production Services cost center and the creation of the Campus Administration cost center. The new cost center encompasses some of the sustainable services formerly in Production Services, along with the general campus support functions, such as daily mail service.

Finally, we would like to acknowledge the retirement of two long-term FASEB employees associated with the Campus Services Department. Don DeWall, a member of the Production Services team retired in July after thirty-eight years of service. Sherry Wolfe, who has held various positions both with FASEB and member societies also retired in 2014 after many years on campus. Both provided valuable services to FASEB and the campus community, and they will be missed.
At FASEB, we take great pride in the accomplishments of our member societies, as well as those of the entire scientific community. FASEB celebrates, each year, the efforts of those working to advance biological and biomedical sciences.

Excellence in Science Award

The Excellence in Science Award was established in 1989 to recognize outstanding achievement by women in biological science. All women who are members of one or more of the FASEB member societies are eligible for nomination. The award recognizes a woman whose career achievements have contributed significantly to further understanding of a particular discipline by excellence in research and who is an outstanding mentor for young scientists at all levels of development.

Kathryn V. Anderson, PhD, the recipient of the FASEB 2014 Excellence in Science Award, is a Member, Sloan Kettering Institute and a Professor, Weill Cornell Medical College. Dr. Anderson is recognized as a leader in the field of developmental genetics, in both Drosophila and mouse. In Drosophila, she identified the Toll gene, showed that it encoded a novel transmembrane protein, and defined the events that lead to Toll activation and downstream signaling events. Toll was the founding member of the Toll-like receptor family, which are evolutionarily conserved, central mediators of innate immune responses. Using the forward genetic strategies similar to those used in Drosophila, she identified more than 100 new genes required for development and patterning of the mouse embryo. These genetic screens showed that a microtubule-based organelle, the primary cilium, is required for mammalian cells to respond to Hedgehog ligands.

As a result of her accomplishments, Dr. Anderson was elected a Member of the National Academy of Sciences and the Institute of Medicine and a Fellow of the American Association for the Advancement of Science and the American Academy of Arts and Sciences, and she was awarded the Thomas Hunt Morgan Award by the Genetics Society of America. She has trained more than 25 graduate students and 25 postdoctoral fellows, who have gone on to successful careers in science. Dr. Anderson’s contributions to the scientific community include serving as President of the Society for Developmental Biology, serving on scientific review panels and organizing scientific meetings. The FASEB Excellence in Science Award was presented to Dr. Anderson at the annual meeting of the Society for Developmental Biology in July 2014 in Seattle, Washington. Dr. Anderson presented a lecture focusing on the work that led to the discovery of the roles of cilia in mouse development.

Pincus Award

In 1974, FASEB established the Pincus Memorial Fund. The initial gift was given to FASEB by Elizabeth N. Pincus to honor her late husband, Gregory G. Pincus, a distinguished physiologist. Thus, the biological community is reminded annually of Dr. Pincus’ distinguished contributions to biology and medicine. Each year, the President of the Federation has the privilege of naming an individual considered deserving of this recognition. The Pincus Memorial Fund subsidizes the cost of travel, registration, and subsistence for young graduate students preparing for careers in biology and medicine to attend the Experimental Biology annual meeting or another scientific meeting of the recipient’s choice.

Sonya Parpart-Li received her PhD in Tumor Biology from Georgetown University as part of a Graduate Partnership Program with the National Institutes of Health. Her dissertation work focused on deciphering heterogeneity among hepatocellular carcinoma (HCC) patients at the molecular level. Primarily, she found that alpha-fetoprotein, a protein prevalent in patients with HCC, functionally interacts with and down-regulates a particular microRNA and leads to poor outcomes in patients with this cancer type. Soon after finishing her thesis work, she joined Personal Genome Diagnostics (PGDx) as part of their R&D team. She now has the opportunity to develop cancer diagnostics based on next-generation sequencing to address the problem of heterogeneity and to detect clinically actionable genetic mutations in a multitude of cancer types. In January, she helped launch a noninvasive diagnostic test that detects somatic mutations in circulating tumor DNA shed into the blood.
The Statement of Financial Position and Statement of Activities are reproduced on the following pages. These statements summarize the more detailed financial statements audited by Tate and Tryon, CPAs and Consultants. A copy of the financial statements is available upon request from the Office of the Director of Financial Services. As required by Generally Accepted Accounting Principles (GAAP), the Federation reports information regarding its financial position and activities according to three classes of net assets: unrestricted, temporarily restricted, and permanently restricted. The majority of Federation activities and net assets are unrestricted and controlled by the Federation Board. The market value of investments held by the Federation during 2014 increased $1,030,720 to a total of $22,535,333. The market value of investments on December 31, 2013, totaled $21,504,613.

Statement of Financial Position
This statement presents the assets, liabilities, and net assets of the Federation on December 31, 2014. The net assets—the difference between assets and liabilities—were $21,304,663. This represents the accumulated net operating results of the organization during its history of over 100 years. Investments of $22,535,333 are diversified in cash and money markets, certificates of deposit, fixed income mutual funds, equity mutual funds, alternative equity mutual funds and real estate funds. The Federation has two major unrestricted investment accounts: the Program Reserve and the Capital Improvement Reserve. The Program Reserve provides financial security in the event of revenue failure or unanticipated catastrophic emergency, to serve as a hedge against the outstanding mortgage on the Federation’s property, and to support operations. The Capital Improvement Reserve provides for capital improvements, renovations, and repairs or purchases of major equipment with a unit price exceeding $5,000. The other significant asset of the Federation is the net investment of $16,755,735 in the buildings, grounds, furniture, and equipment on the Beaumont Campus, home to the Federation, its constituent societies, and other scientific and educational societies. Montgomery County’s latest assessment of the value of the campus buildings and grounds for tax purposes is $30M. Liabilities totaling $23,173,293 include: amounts owed to vendors for products and services received; the working capital credit line totaling $2,700,000; revenue received in 2014 but applicable to programs to be conducted in 2015 of $700,739; amounts owed to employees under the deferred compensation plan of $1,333,069; and building financing payable to Wells Fargo Bank for $14,185,000.

In December 2010, the Federation exercised its right to redeem the 2008 bonds in full, pursuant to terms in the 2008 loan agreement. The State of Maryland issued the Series 2010 Economic Development Revenue Bonds, which were immediately sold to Wells Fargo Bank as bank-qualified bonds under federal income tax laws and regulations. Principal payments commenced on July 1, 2011, and will continue until July 1, 2038. The interest paid by the Federation is 110 basis points (1.10%) plus 67% of one month LIBOR (London Interbank Offered Rate) for one-month U.S. Dollar deposits. The outstanding principal amount of the bank-qualified bonds was $14,185,000 on December 31, 2014. The effective interest rate of the bank-qualified bonds on December 31, 2014 was 1.154%. However, the interest rate paid by the Federation on the bank-qualified bonds is fixed at 3.712% through July 1, 2018 per its interest rate swap agreement. Subsequent to July 1, 2018, the interest rate paid by the Federation on the bank-qualified bonds will be no more than 3.000% and no less than 1.865% per its interest rate collar agreement. In May 2012, the Federation entered into a no-cost interest rate collar agreement with Wells Fargo Bank, N.A. The interest rate collar agreement establishes a range of interest rates that will be no higher than 3.000% and no lower than 1.865% to hedge against the risk of interest rate fluctuations associated with the variable interest rate of its note payable securing the 2010 bank qualified bonds. The term of this interest rate collar agreement runs from July 1, 2018 to July 1, 2023.
## Statements of Financial Position

<table>
<thead>
<tr>
<th>Year Ended December 31</th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and cash equivalents</td>
<td>$ 1,204,900</td>
<td>$ 1,162,862</td>
</tr>
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<td>Investments</td>
<td>21,202,264</td>
<td>20,272,327</td>
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<tr>
<td>Accounts receivable</td>
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<td></td>
</tr>
<tr>
<td>Trade receivables</td>
<td>870,711</td>
<td>927,615</td>
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<tr>
<td>Government contracts and accounts</td>
<td>284,745</td>
<td>322,746</td>
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<tr>
<td>Member societies and custodial accounts</td>
<td>2,221,382</td>
<td>1,981,680</td>
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<tr>
<td>Note receivable</td>
<td></td>
<td>8,500</td>
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<tr>
<td>Prepaid expenses</td>
<td>605,150</td>
<td>547,147</td>
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<tr>
<td>Investment held to fund deferred compensation</td>
<td>1,333,069</td>
<td>1,232,266</td>
</tr>
<tr>
<td>Interest rate collar agreement</td>
<td></td>
<td>204,439</td>
</tr>
<tr>
<td>Property and equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land, building, and building improvements</td>
<td>27,341,947</td>
<td>27,224,585</td>
</tr>
<tr>
<td>Furniture and equipment</td>
<td>3,886,419</td>
<td>3,844,570</td>
</tr>
<tr>
<td>Less: accumulated depreciation</td>
<td>(14,472,631)</td>
<td>(13,685,910)</td>
</tr>
<tr>
<td>Net property and equipment</td>
<td>16,755,735</td>
<td>17,383,245</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>$ 44,477,956</td>
<td>$ 44,042,847</td>
</tr>
<tr>
<td><strong>LIABILITIES AND NET ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIABILITIES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts payable and accrued expenses</td>
<td>$ 787,583</td>
<td>$ 954,310</td>
</tr>
<tr>
<td>Deferred revenue</td>
<td>700,739</td>
<td>859,272</td>
</tr>
<tr>
<td>Amounts held for member societies and custodial accounts</td>
<td>101,218</td>
<td>101,240</td>
</tr>
<tr>
<td>Amounts held for custodial funds from managed meetings</td>
<td>1,730,119</td>
<td>1,538,434</td>
</tr>
<tr>
<td>Deferred compensation</td>
<td>1,333,069</td>
<td>1,232,266</td>
</tr>
<tr>
<td>Interest rate swap agreement</td>
<td>1,397,471</td>
<td>1,738,926</td>
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<td>Interest rate collar agreement</td>
<td>238,094</td>
<td>–</td>
</tr>
<tr>
<td>Notes payable—economic development revenue bonds</td>
<td>14,185,000</td>
<td>14,535,000</td>
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<tr>
<td>Notes payable—line of credit</td>
<td>2,700,000</td>
<td>2,600,000</td>
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<td><strong>TOTAL LIABILITIES</strong></td>
<td>23,173,293</td>
<td>23,559,468</td>
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<tr>
<td><strong>NET ASSETS</strong></td>
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<td></td>
</tr>
<tr>
<td>Unrestricted</td>
<td>21,121,661</td>
<td>20,350,683</td>
</tr>
<tr>
<td>Temporarily restricted</td>
<td>158,502</td>
<td>108,196</td>
</tr>
<tr>
<td>Permanently restricted</td>
<td>24,500</td>
<td>24,500</td>
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<tr>
<td><strong>TOTAL NET ASSETS</strong></td>
<td>21,304,663</td>
<td>20,483,379</td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES AND NET ASSETS</strong></td>
<td>$ 44,477,956</td>
<td>$ 44,042,847</td>
</tr>
</tbody>
</table>
Statements of Activities

The Statement of Activities covers the twelve-month period ending December 31, 2014, and identifies the sources of revenue and expense. The financial plan adopted by the Federation Board required the Board to set a rate for annual dues paid to the Federation by the member societies. The dues rate for 2014 was $16.50 per society member with minimum dues of $13,000 and a maximum of $160,000 per society. The accompanying statement shows total revenues of $21,439,263, including $681,458 of dividends and interest, $317,290 of net realized and net unrealized gains on investments, $341,455 unrealized gain on the interest rate-swap agreement, $(442,533) unrealized loss on the interest rate collar agreement and expenses of $20,884,497. This resulted in a change in unrestricted net assets of $770,978.

<table>
<thead>
<tr>
<th>Year Ended December 31</th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
</table>

### UNRESTRICTED ACTIVITIES

#### Revenue

<table>
<thead>
<tr>
<th>Program services</th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science research conferences</td>
<td>$6,519,085</td>
<td>$5,419,758</td>
</tr>
<tr>
<td>The FASEB Journal</td>
<td>2,696,012</td>
<td>2,665,873</td>
</tr>
<tr>
<td>MARC program</td>
<td>1,978,239</td>
<td>1,767,496</td>
</tr>
<tr>
<td>Career resources</td>
<td>69,273</td>
<td>63,171</td>
</tr>
<tr>
<td>Society support services</td>
<td>4,100,621</td>
<td>3,769,148</td>
</tr>
<tr>
<td>Campus services</td>
<td>3,702,026</td>
<td>3,603,416</td>
</tr>
<tr>
<td>Core functions</td>
<td>1,136,778</td>
<td>1,128,978</td>
</tr>
<tr>
<td>Investment income</td>
<td>681,458</td>
<td>518,661</td>
</tr>
<tr>
<td>General services</td>
<td>447,272</td>
<td>446,483</td>
</tr>
<tr>
<td>Net assets released from restrictions</td>
<td>108,499</td>
<td>145,136</td>
</tr>
<tr>
<td><strong>TOTAL UNRESTRICTED REVENUE</strong></td>
<td><strong>21,439,263</strong></td>
<td><strong>19,528,120</strong></td>
</tr>
</tbody>
</table>

#### Expense

<table>
<thead>
<tr>
<th>Program services</th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science research conferences</td>
<td>5,774,997</td>
<td>5,377,798</td>
</tr>
<tr>
<td>MARC program</td>
<td>1,978,239</td>
<td>1,767,496</td>
</tr>
<tr>
<td>The FASEB Journal</td>
<td>1,497,966</td>
<td>1,421,124</td>
</tr>
<tr>
<td>Career resources</td>
<td>50,173</td>
<td>70,290</td>
</tr>
<tr>
<td>Society support services</td>
<td>4,193,034</td>
<td>3,821,994</td>
</tr>
<tr>
<td>Campus services</td>
<td>3,302,737</td>
<td>3,384,212</td>
</tr>
<tr>
<td>Core functions</td>
<td>1,823,819</td>
<td>1,742,093</td>
</tr>
<tr>
<td><strong>TOTAL PROGRAM SERVICES</strong></td>
<td><strong>18,620,965</strong></td>
<td><strong>17,585,007</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Supporting services</th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>General and administrative</td>
<td>2,194,303</td>
<td>2,101,515</td>
</tr>
<tr>
<td>Investment expense</td>
<td>69,229</td>
<td>62,319</td>
</tr>
<tr>
<td><strong>TOTAL SUPPORTING SERVICES</strong></td>
<td><strong>2,263,532</strong></td>
<td><strong>2,163,834</strong></td>
</tr>
</tbody>
</table>

| **TOTAL EXPENSE**                 | **20,884,497** | **19,748,841** |

| Change in unrestricted net assets before other activities | 554,766 | (220,721) |
| Net realized/unrealized gains (losses) on investments    | 317,290 | 1,638,767 |
| Gain on fair value of interest rate swap agreement       | 341,455 | 723,039  |
| (Loss)/gain on fair value of interest rate collar agreement | (442,533) | 344,184  |
| Change in unrestricted net assets                       | 770,978  | 2,485,269 |

### TEMPORARILY RESTRICTED ACTIVITIES

| Grants and contributions               | 158,802  | 108,396  |
| Investment income                      | 3        | 3        |
| Net assets released from restrictions  | (108,499)| (145,136)|
| Change in temporarily restricted net assets | 50,306  | (36,737) |
| Change in net assets                   | 821,284  | 2,448,532|
| Net assets, beginning of year          | 20,483,379 | 18,034,847|
| **NET ASSETS, END OF YEAR**            | **$21,304,663** | **$20,483,379** |
2014 Revenue and Expense

2014 Revenue ($21.70M)

- Campus Services*: $3.70M (17.31%)
- Society Business Services**: $4.17M (19.21%)
- Core Functions***: $1.14M (5.24%)
- General Services and Investments: $1.50M (6.93%)
- Science Research Conferences: $1.98M (9.11%)
- The FASEB Journal: $2.70M (12.62%)
- MARC Program: $6.52M (30.03%)

Total Revenue: $21.70M

*Campus Services includes: Conference Center, Building and Grounds, Production Services, and Campus Information Technology Services.

**Society Business Services includes: FASEB AdNet, Marketing, Meetings Management, Professional Accounting Services, Redactory, Information Technology, Client Relations, Career Resources and Membership Services.

***Core Functions Include: Office of Public Affairs, Board of Directors, Committees, FASEB Directory of Members and membership dues.

2014 Expense ($20.90M)

- Campus Services*: $3.30M (15.83%)
- Society Business Services**: $4.24M (20.20%)
- Core Functions***: $1.82M (8.64%)
- General Services and Investments: $2.26M (10.84%)
- Science Research Conferences: $3.70M (17.79%)
- The FASEB Journal: $1.50M (7.17%)
- MARC Program: $5.77M (27.39%)

Total Expense: $20.90M
FASEB’s strength in advocating for biomedical research is its diversity of disciplines and the large number of scientists it represents. To ensure that the views of all member societies and the researchers they represent are heard, FASEB is guided by its Board of Directors as well as committees focused on areas such as public affairs, protection of human subjects in research, research conferences, publications, and membership.

Standing Committees

**EXECUTIVE COMMITTEE**
Joseph R. Haywood, Chair

As directed by the FASEB Bylaws, Article VII, Section 2, the Executive Committee is a standing committee of the Board that consists of the officers of the Board. The committee meets regularly to exercise the management authority of the Board of Directors in between meetings of the Board of Directors. The voting officer members of the Executive Committee make up the Nominating Committee and recommend a slate of candidates for election of officers of the Federation.

**Executive Committee Members**
Parker B. Antin*  
Guy Foglerman*  
Hudson H. Freeze*  
Joseph R. Haywood*  
Mark O. Lively*  
Margaret K. Offermann*

**EXECUTIVE OFFICERS ADVISORY COMMITTEE**
Guy Foglerman, Chair

The Executive Officers Advisory Committee (EOAC) is a standing committee of the Board. As stated in the FASEB Bylaws, Article VII, Section 3, the EOAC “shall address itself to items of mutual interest to the Federation and the Member Societies.” The EOAC addresses a wide range of cross-cutting issues of interest to all of the societies. Reports of activities of each FASEB member society are presented to the EOAC for the joint purposes of information sharing and soliciting advice.

**Executive Officers Advisory Committee Members**
Debbie Aragostelis (SPR)  
Shawn Boyes (AAA)  
Elizabeth Chouinard (AFMR)  
Ida Chow (SSB)  
John E. Courtney (ASN)  
Crystal Davis (ABRF)  
Philip E. Dawson (APEPS)  
Ann Elderkin (ASBMR)  
Adam P. Fagen (GSA)  
Guy Foglerman (FASEB)  
Martin Frank (APS)  
Barbara A. Gordon (ASBMB)  
John B. Hawley (ASCI)  
M. Michele Hogan (AAI)  
Debbie Anagnostelis (SPR)  
Shawn Boynes (AAA)  
Elizabeth Chouinard (AFMR)  
Ida Chow (SSB)  
John E. Courtney (ASN)  
Crystal Davis (ABRF)  
Philip E. Dawson (APEPS)  
Ann Elderkin (ASBMR)  
Adam P. Fagen (GSA)  
Guy Foglerman (FASEB)  
Martin Frank (APS)  
Barbara A. Gordon (ASBMB)  
John B. Hawley (ASCI)  
M. Michele Hogan (AAI)

**FINANCE COMMITTEE**
Mark O. Lively, Treasurer and Chair

The Finance Committee, in consultation with the Executive Director, is responsible for recommending an annual budget to the Federation Board; safeguarding the invested funds of the Federation; recommending an investment policy for the Federation (subject to approval by the Federation Board); and in all other ways, assisting the Treasurer.

**Finance Committee Members**
Parker B. Antin*  
Mitsi A. Blount  
William B. Coleman  
Valerie Burke DeLeon  
Guy Foglerman*  
Charles W. Frevert  
Joseph R. Haywood*  
Mark O. Lively*  
Dennis C. Marshall  
Bruce D. Murphy  
Kenneth E. Nest  
Margaret K. Offermann*  
Chester A. Ray*  
David M. Rocke  
Alice C. Shapiro  
Gerald Sonnenfeld  
Paul A. Welling

*FASEB Board Member
MEMBERSHIP COMMITTEE
Mark O. Lively, Chair

The Membership Committee is charged to make recommendations regarding membership in FASEB. Specifically, the charge to the committee is to: 1) review applications for FASEB membership and report to the Board the conclusions of their deliberations; 2) make recommendations to the Board regarding membership criteria; 3) make recommendations of candidate organizations that should be approached regarding possible FASEB membership; 4) address issues of membership retention and membership admission; and 5) address any other topics related to FASEB membership.

Membership Committee Members
Parker B. Antin*  Joseph C. LaManna
Martin Frank  Mark O. Lively*
John B. Hawley  Margaret K. Offermann*
Joseph R. Haywood*  Chester A. Ray*

PUBLIC AFFAIRS COMMITTEE
Parker B. Antin, Chair

The Public Affairs Committee conducts regular reviews of public affairs strategies for reaching organizational goals, resources allocation, priority setting, and long-term planning. Committee activities include suggesting long-term goals and priorities, making recommendations about proposed new projects and goals, evaluating effectiveness of existing strategies, reviewing the public affairs budget, issuing a call for proposals for discussion topics prior to face-to-face meetings, and submitting a formal report for discussion at FASEB Board meetings.

Public Affairs Committee Members
Parker B. Antin*  Patricia L. Morris*
Thomas O. Baldwin*  Margaret K. Offermann*
Hudson H. Freeze*  Peter A. Rubenstein*
Joseph R. Haywood*  Scott I. Simon*
Mark O. Lively*

SCIENCE POLICY COMMITTEE
Hudson H. Freeze, Chair

The Science Policy Committee monitors and advises the President and the FASEB Board on developments in such public policy issues as the committee, the Public Affairs Committee, or the Board may consider important. The committee advises on the selection and organization of consensus conferences, projects demonstrating the benefits of biomedical research, studies referred to the committee by the Board, and other projects initiated by the committee to develop policy proposals in the interest of biomedical scientists.

Subcommittees of the Science Policy Committee
Animals in Research and Education, Kevin Kregel, Chair
Biosecurity, Avrum I. Gotlieb, Chair
Breakthroughs in Bioscience, Paula H. Stern, Chair
Clinical and Translational Research, Richard Galbraith, Chair
Data Science and Informatics, Harel Weinstein, Chair
NIH Issues, Parker B. Antin, Chair*
Research Enterprise Evaluation, Thomas O. Baldwin, Chair*
Training and Career Opportunities, Louis B. Justement, Chair

Science Policy Committee Members
Parker B. Antin*  Louis B. Justement
Vivek Balasubramaniam  Kevin Kregel
Thomas O. Baldwin*  Carole LaRonne
Gilda A. Barabino  Terry R. Magnuson
Daniel J. Bernard  Edward R.B. McCabe*
Mary-Ann Bjornsti  William A. Muller
Margaret M. Briehl  Margaret K. Offermann*
Gerald M. Carlson  Sharma S. Prabhakar
J. Mark Carter  Chester A. Ray*
Joanne Fortune  Douglas L. Rosene
Jay W. Fox  Peter A. Rubenstein*
Jeanne Freeland-Graves  Jeffrey L. Schwartz
Hudson H. Freeze*  Paula H. Stern
Richard Galbraith  Larry J. Suva
Avrum I. Gotlieb  Gregory J. Tsongalis*
Susanna F. Greer  Harel Weinstein
Wafa A. Harrouk  H. Joseph Yost
Joseph R. Haywood*  Scott I. Simon*

PUBLICATIONS AND COMMUNICATIONS COMMITTEE
Jasna Markovac, Chair

The Publications and Communications Committee (PCC) is charged with reviewing the use of print and electronic media by FASEB departments in the discharge of their responsibilities, and to make recommendations encouraging the use of alternative media in communication and dissemination of information relating to FASEB activities and programs. In particular, the PCC will direct its attention to The FASEB Journal, the FASEB Directory of Members, and other publications as the President or the committee chair submit to the committee for review and advice.

Publications and Communications Committee Members
Denis G. Baskin  Jasna Markovac
Jamie I. Baum  Kathryn Meier
Valerie P. Castle  Sheeran M. Mische
Marie Demay  Genevieve Neal-Perry
Robert J. Freishvat*  Peter A. Rubenstein*
L. Bruce Gladden  Lori A. Setton
David Guterman  William G. Steltzer-Stevenson
Richard Harland  Michael Verlander
Donald L. Javis  Michiko Watanabe
Sophie La Salle  Gerald Weissmann
Scott Markel  Jasna Markovac
*FASEB Board Member
Ordinary Committees

PROTECTION OF HUMAN SUBJECTS COMMITTEE
Guy Fogleman, Chair

The Protection of Human Subjects Committee was established by the FASEB Board of Directors in 2008 per a recommendation of the Office for Human Research Protections. The committee is authorized to determine whether a FASEB member society program involving surveys that evaluate educational programs and other social science endeavors is exempt from Institutional Review Board review [under U.S. Department of Health and Human Services regulations at 45 Code of Federal Regulations 46.101(b)]. The committee ensures the appropriate communication of such a policy to all investigators.

Protection of Human Subjects Committee Members
Guy Fogleman  Joseph McInerney
Martin Frank  Mark E. Sobel

EXCELLENCE IN SCIENCE AWARD COMMITTEE
Sally A. Moody, Chair

The Excellence in Science Award Committee advises the Board on the administration of the annual Excellence in Science Award program by reviewing nominee submissions and submitting its recommendation of a recipient.

Excellence in Science Award Committee Members
Tracy Anthony  Shuji Ogino
Linda G. Baum  Terry L. Orr-Weaver
James Crowe, Jr.  Kristina Ropella
Lora H. Ellenson  Scheherazade Sadegh-Nasseri
Joan Heller Brown  Nancy M. Sawtell
Monica J. Hubal  Taner Z. Sen
Kathryn J. Jones  Sue Shapses
Sally A. Moody  Peter H. Wiernik

SCIENCE RESEARCH CONFERENCES ADVISORY COMMITTEE
Robert D. Blank, Chair

The FASEB Science Research Conferences Advisory Committee is made up of one individual from each member society and is appointed by their Executive Officer. The chair of the committee is selected by the Board from among the committee members. The immediate responsibility of the committee is to determine conference topics and organizers for the conference series that will take place in two years (i.e., the conferences reviewed in 2014 will take place in 2016). They shall also be responsible for recommending policies and standards for the conduct of the conferences. The committee meets once annually during the fall by conference call. Ad hoc meetings are scheduled on an as needed basis.

Science Research Conferences Advisory Committee Members
Robert D. Blank  Fran Lewitter
Mohammed Elsalanty  Ronald Lynch
Kevin L. Gardner  Takashi Mikawa
Dale “Buck” Hales  MingMing Ning
Kathleen L. Keller  Laurel A. Raftery
Kostas Konstantopoulos  Bonnie Sloane
T. Rajendra Kumar  Constantine Stratakis
Mark Lehrman  Maria L. Urso
Founded in 1912, FASEB was originally created by three independent scientific organizations to provide a forum in which to hold educational meetings, develop publications, and disseminate biological research results. What started as a small group of dedicated scientists has grown to be the nation’s largest coalition of biomedical researchers, representing 27 scientific societies and over 120,000 researchers from around the world in 2014. FASEB is now recognized as the voice of advocacy for biological and biomedical research scientists.

The American Physiological Society—APS

Founded: 1887
Founding Member of FASEB: 1912

Mission: The APS mission is to promote the discipline of physiology and thereby enhance human and animal health by disseminating research discoveries, facilitating research and scientific interaction, educating the public and enabling future generations of physiologists.

President: David M. Pollock, Department of Medicine, The University of Alabama at Birmingham, Birmingham, Alabama, USA
Executive Director: Martin Frank
Membership: 11,053
Website: www.the-aps.org

American Society for Biochemistry and Molecular Biology—ASBMB

Founded: 1906
Founding Member of FASEB: 1912

Mission: The society’s purpose is to advance the science of biochemistry and molecular biology through publication of scientific and educational journals: *Journal of Biological Chemistry*, *Molecular & Cellular Proteomics*, and *Journal of Lipid Research*; organization of scientific meetings; advocacy for funding of basic research and education; support of science education at all levels; and promoting the diversity of individuals entering the scientific workforce.

President: Steven McKnight, Department of Biochemistry, University of Texas Southwestern Medical Center, Dallas, Texas, USA
Executive Director: Barbara A. Gordon
Membership: 11,800
Website: www.asbmb.org
American Society for Pharmacology and Experimental Therapeutics—ASPET
Founded: 1908
Founding Member of FASEB: 1912
Mission: The society’s purpose is to promote the advancement of the sciences of pharmacology and experimental therapeutics and to facilitate the interchange of information between investigators who are engaged in research in those fields by organizing scientific meetings, publishing journals, and engaging in other activities that advance the discipline.
President: Annette Fleckenstein, Department of Pharmacology and Toxicology, University of Utah, Salt Lake City, Utah, USA
Executive Director: Judith Siuciak
Membership: 5,000
Website: www.aspet.org

American Society for Investigative Pathology—ASIP
Founded: 1900
Member of FASEB: 1913
Mission: The mission of the society is to promote the discovery, advancement, and dissemination of basic and translational knowledge in experimental pathology and related disciplines. This shall be achieved by fostering investigation into the pathogenesis, classification, diagnosis, and manifestations of disease through meetings, publications, and educational activities.
President: Kevin A. Roth, Department of Pathology, University of Alabama at Birmingham, Birmingham, Alabama, USA
Executive Director: Mark E. Sobel
Membership: 1,350
Website: www.asip.org

American Society for Nutrition—ASN
Founded: 1928
Member of FASEB: 1940
Mission: ASN advances excellence in nutrition research and practice through the creation, translation and dissemination of science-based nutrition information. The society strives to develop and extend nutrition knowledge through fundamental, multidisciplinary, and clinical research; facilitate contact among investigators; support education and training of professionals in the field; advocate for nutrition research; and serve as the authoritative, global leader in nutrition through science.
President: Simin Nikbin Meydani, Tufts University, Boston, Massachusetts, USA
Executive Director: John E. Courtney
Membership: 5,090
Website: www.nutrition.org

The American Association of Immunologists—AAI
Founded: 1913
Member of FASEB: 1942
Mission: The American Association of Immunologists represents professionally trained scientists and is dedicated to advancing the knowledge of immunology and its related disciplines, fostering the interchange of ideas and information among investigators, and addressing the potential integration of immunologic principles into clinical practice. The American Association of Immunologists serves its members by providing a center for the dissemination of information relevant to the field and its practices through professional opportunities such as scientific meetings and courses; addressing membership-derived issues and opinions; providing career recognition and advancement opportunities through awards and fellowship programs, and addressing important social and political issues. AAI owns and publishes *The Journal of Immunology*—the largest and most highly cited journal in the field.
President: Linda A. Sherman, Department of Immunology and Microbial Sciences, The Scripps Research Institute, La Jolla, California, USA
Executive Director: M. Michele Hogan
Membership: 7,600
Website: www.aai.org

American Association of Anatomists—AAA
Founded: 1888
Member of FASEB: 1993
Mission: Advancing anatomical science through research, education, and professional development.
President: Lynne A. Opperman, Texas A&M University, Baylor College of Dentistry, Dallas, Texas, USA
Executive Director: Shawn Boynes
Membership: 2,041
Website: www.aaatoday.org

The Protein Society—PS
Founded: 1986
Member of FASEB: 1995
Mission: To enhance state-of-the-art science through international forums that facilitate communication, cooperation, and collaboration among scientists involved in the study of proteins.
President: James U. Bowie, University of California, Los Angeles, Los Angeles, California, USA
Executive Director: Jody McGinness
Membership: 1,500
Website: www.proteinsociety.org
**Society for Developmental Biology—SDB**

Founded: 1939  
Member of FASEB: 1996  
Mission: The purpose of the society is to further the study of development in all organisms and at all levels, and to represent and promote communication among students of development.  
President: Lee Niswander, University of Colorado School of Medicine, Aurora, Colorado, USA  
Executive Director: Ida Chow  
Membership: 2,028  
Website: www.sdbonline.org

**American Peptide Society—APEPS**

Founded: 1990  
Member of FASEB: 1996  
Mission: The purpose of the society is to advance and promote the knowledge of the chemistry and biology of peptides and proteins.  
President: Robin E. Offord, Mintaka Foundation for Medical Research, Bernex, Switzerland  
Membership: 874  
Website: www.ampepsoc.org

**Association of Biomolecular Resource Facilities—ABRF**

Founded: 1988  
Member of FASEB: 1997  
Mission: The Association of Biomolecular Resource Facilities is an international society dedicated to advancing core and research biotechnology laboratories through research, communication, and education.  
President: William Hendrickson, University of Illinois at Chicago, Chicago, Illinois, USA  
Executive Director: Crystal Davis  
Membership: 618  
Website: www.abrf.org

**American Society for Bone and Mineral Research—ASBMR**

Founded: 1977  
Member of FASEB: 1997  
Mission: The American Society for Bone and Mineral Research is a professional, scientific, and medical society established to promote excellence in bone and mineral research, to foster integration of basic and clinical science, and to facilitate the translation of that science to health care and clinical practice. Key objectives to achieve these goals include the nurturing and development of future generations of basic and clinical scientists and the dissemination of new knowledge in bone and mineral metabolism. The American Society for Bone and Mineral Research is proactive in shaping research and health policies based on scientific advances in our field.  
President: Roberto Civitelli, Washington University in St. Louis School of Medicine, St. Louis, Missouri, USA  
Executive Director: Ann L. Elderkin  
Membership: 3,677  
Website: www.asbmr.org

**The American Society for Clinical Investigation—ASCI**

Founded: 1908  
Member of FASEB: 1998  
Mission: The American Society for Clinical Investigation is an honor society of physician-scientists representing all disciplines of medical science. Members are elected based on the quality and impact of their research and their overall contributions to the biomedical research community. The society seeks to recognize physician-scientists doing novel, creative, rigorous, and reproducible research, which is based on a solid foundation of science and likely to stand the test of time. ASCI is organized and operated exclusively for educational and scientific purposes. In furthering these aims, the society convenes an annual meeting and publishes *The Journal of Clinical Investigation*, both of which highlight high-impact work from a broad range of disciplines.  
President: Mukesh K. Jain, Case Western Reserve University School of Medicine, Cleveland, Ohio, USA  
Executive Director: John B. Hawley  
Membership: 3,179  
Website: www.the-asci.org
Society for the Study of Reproduction—SSR
Founded: 1967
Member of FASEB: 1998
Mission: The mission of the SSR is to advance scientific knowledge by promoting outstanding research and training in reproductive sciences and to protect and preserve human and animal reproductive health.
President: Richard M. Schultz, University of Pennsylvania, Department of Biology, Philadelphia, Pennsylvania, USA
Executive Director: Judith Jansen
Membership: 1,593
Website: www.ssr.org

The Teratology Society—TS
Founded: 1960
Member of FASEB: 1998
Mission: Our mission is to prevent birth defects and disorders of developmental origin by promoting research and exchange of ideas, communicating information to health professionals and other interested parties, and providing education and training.
President: Mary Alice Smith, Associate Professor, Coordinator, Interdisciplinary Toxicology Program, University of Georgia, Athens, Georgia, USA
Executive Director: Heather Carskaddan
Membership: 692
Website: www.teratology.org

Endocrine Society—ES
Founded: 1916
Member of FASEB: 1999
Mission: The mission of The Endocrine Society is to advance excellence in endocrinology and promote its essential and integrative role in scientific discovery, medical practice, and human health.
President: Richard J. Santen, University of Virginia, Charlottesville, Virginia, USA
Executive Director and CEO: Barbara Byrd Keenan
Membership: 18,448
Website: www.endocrine.org

The American Society of Human Genetics—ASHG
Founded: 1948
Member of FASEB: 1999
Mission: Our mission is to advance human genetics in science, health, and society through excellence in research, education, and advocacy.
President: Neil Risch, Institute for Human Genetics, University of California, San Francisco, California, USA
Executive Director: Joseph McInerney
Membership: 7,448
Website: www.ashg.org

International Society for Computational Biology—ISCB
Founded: 1997
Member of FASEB: 2003
Mission: The International Society for Computational Biology (ISCB) is a scholarly society that trains, connects, and empowers the fields of computational biology and bioinformatics worldwide. Dedicated to accelerating scientific discovery through computation, ISCB provides access to the latest information and training in the field; delivers valuable networking opportunities to promote collaboration and learning; offers affordable platforms to present your latest research and collaborate.
President: Burkhard Rost, Technical University of Munich, Informatik, Bioinformatik Inst. for Advanced Studies, Munich, Germany
Executive Officer: Diane Kovats
Membership: 3,200
Website: www.iscb.org

American College of Sports Medicine—ACSM
Founded: 1954
Member of FASEB: 2005
Mission: The American College of Sports Medicine promotes and integrates scientific research, education, and practical applications of sports medicine and exercise science to maintain and enhance physical performance, fitness, health, and quality of life.
President: Carol Ewing Garber, Teachers College, Columbia University, New York, USA
Executive Vice President: James R. Whitehead
Membership: 26,164
Website: www.acsm.org

Biomedical Engineering Society—BMES
Founded: 1968
Member of FASEB: 2009
Mission: The mission of the BMES is to build and support the biomedical engineering community, locally, nationally and internationally, with activities designed to communicate recent advances, discoveries, and inventions; promote education and professional development; and integrate the perspectives of the academic, medical, governmental, and business sectors.
President: Richard T. Hart, The Ohio State University Columbus, Ohio, USA
Executive Director: Edward L. Schilling III
Membership: 7,000
Website: www.bmes.org
Genetics Society of America—GSA

Founded: 1931
Member of FASEB: 2010
Mission: GSA’s mission is to deepen our understanding of the living world by advancing the field of genetics.
President: Vicki L. Chandler, Gordon and Betty Moore Foundation, Palo Alto, California, USA
Executive Director: Adam Fagen
Membership: 5,000
Website: www.genetics-gsa.org

American Federation for Medical Research—AFMR

Founded: 1940
Member of FASEB: 2010
Mission: The mission of AFMR is to develop and mentor tomorrow’s leaders in medical research.
President: MingMing Ning, Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts, USA
Executive Director: Elizabeth Chouinard
Membership: 1,520
Website: www.afmr.org

The Histochemical Society—HCS

Founded: 1950
Member of FASEB: 2011
Mission: The HCS is a scientific society dedicated to the development and application of new technologies in molecular pathology and cell biology and to the education of scientists in the use of these technologies to investigate normal and diseased cells and tissues.
President: Charles W. Frevert, University of Washington, Department of Comparative Medicine, Center for Lung Biology, Seattle, Washington, USA
Executive Director: William Stahl
Membership: 259
Website: www.histochemicalsociety.org

The Society for Glycobiology—SfG

Founded: 1973
Member of FASEB: 2012
Mission: The objectives of the Society for Glycobiology shall be to promote knowledge, encourage research and stimulate personal communication in an inter-disciplinary sense, using as the common meeting ground an interest in the complex carbohydrates of glycoproteins, glycolipids, and glycosaminoglycans and the biological systems in which they are found.
President: Christopher M. West, University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma, USA
Membership: 385
Website: www.glycobiology.org

Association for Molecular Pathology—AMP

Founded: 1995
Member of FASEB: 2013
Mission: The Association for Molecular Pathology is a not-for-profit scientific society that advances the clinical practice, science, and excellence of molecular and genomic laboratory medicine through education, innovation, and advocacy to enable highest quality health care.
President: Janina A. Longtine, The Mount Sinai Medical Center, New York, New York, USA
Executive Director: Mary Steele Williams
Membership: 2,348
Website: www.amp.org

Society for Free Radical Biology and Medicine—SFRBM

Founded: 1987
Member of FASEB: 2014
Mission: The Society for Free Radical Biology and Medicine (SFRBM) is an international organization of scientists and investigators who conduct research in the area of redox biology as well as oxidants and antioxidants. These areas have shown explosive growth over the last decade and are now integral to major initiatives in basic, applied and translational research, including development of new therapies in cancer, heart disease, aging and cardiovascular disease. SFRBM fosters a balanced approach to understanding both the advantageous and deleterious properties of free radicals, active oxygen species and related oxidants and reductants. We promote mechanistic approaches to the chemistry of both harmful and helpful oxygen species and the consequences of their actions in biology and medicine.
President: Neil Hogg, Medical College of Wisconsin, Milwaukee, Wisconsin, USA
Executive Director: Kent Lindeman
Membership: 1,525
Website: sfrbm.org
Thank you to our dedicated staff.

Sarah G. Aclander  •  Sepideh Amini  •  Herber A. Ayala  •  John D. Beals  •  Richard K. Bennett  •  Sriiazmi Bhargava  •  Stefan Bradham
Lorrie Brown  •  Michelle L. Butler  •  Elisabeth Campbell  •  Yvette E. Clark  •  Robin E. Crawford  •  Crystal Davis  •  Anne M. Deschamps
Deborah B. Diddle  •  Bethany J. Drehman  •  Richard A. Dunn, Jr.  •  Paul D. Dymczynski  •  Mary K. Eacho  •  Marianne England  •  Lauren D. Erner
Guy Fogleman  •  Angeliki Frangos  •  Joni Friedman  •  Jocelyn Friedrich  •  Howard H. Garrison  •  Chanel K. George  •  Meheret Gobeze  •  Lawrence Green
Green  •  Ruth E. Grunspan  •  Kristen Hogay  •  Mary Kiorpes Hayden  •  Lisa A. Hetherington  •  Grace Hill  •  Jen Holland  •  Kelly A. Husser
Glen R. Hutton  •  Marcella Jackson  •  Roya Jaseb  •  Osper Jean Simon  •  Joan Ji  •  Avantiya Kallyandrug  •  Janet L. Kearney  •  Linda Kimble
Kim L. Kline  •  Jonathan Korman  •  Kendra M. LaDuca  •  Josie P. Leftwich  •  Maureen Murphy  •  Meghan McCabe  •  Joseph D. Miller  •  Larissa L. Miller
William Cody Mooneyhan, Jr.  •  Susan Moore  •  Flippa O’Shea  •  Gloria E. Patnelli  •  Eleanor Peebles  •  Jennifer L. Pesanelli  •  Kankia Pulliam
Jacquelyn Roberts  •  Clara Sanders  •  Paige E. Santos  •  Sherri-Gae Scott  •  Yvette Seger  •  Taylor Shaw  •  Cordelia D. Smith
Silvy A. Song  •  Sophia M. Stellabotte  •  Linda S. Stricker  •  Leigh Sung  •  Elsie Toro  •  Stephen D. Treanor  •  Barbara A. Walker  •  Jason Wells  •  Amanda J. Williams  •  Susan R. Wilson  •  Karen H. Wrublik  •  Jennifer L. Zeitzer

Credits

Contributors
Deborah B. Diddle, Director, Financial Services
Richard A. Dunn, Jr., Director, Campus Services
Guy Fogleman, Executive Director, Executive Office
Howard H. Garrison, Deputy Executive Director for Policy, Executive Office; Director, Office of Public Affairs
Yvette Seger, Director of Science Policy, Office of Public Affairs
Marcella Jackson, Director, Office of Scientific Meetings and Conferences
Jacquelyn Roberts, Director, Office of MARC and Professional Development Programs
Linda S. Stricker, Sr. Executive Assistant, Administrator of Board and Committee Operations, Executive Office
Gerald Weissmann, Editor-in-Chief, The FASEB Journal

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Ruth E. Grunspan, Sr. Annual Publications Editor, Office of Publications

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Communicate By Design-x

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Stefan Bradham, Deputy Director, Society Management Services and Marketing