FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY

1997 ANNUAL REPORT

MEMBER SOCIETIES
THE AMERICAN PHYSIOLOGICAL SOCIETY • AMERICAN SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY
AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS • AMERICAN SOCIETY FOR INVESTIGATIVE PATHOLOGY
AMERICAN SOCIETY FOR NUTRITIONAL SCIENCES • THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS
THE AMERICAN SOCIETY FOR CELL BIOLOGY • BIOPHYSICAL SOCIETY • AMERICAN ASSOCIATION OF ANATOMISTS
THE PROTEIN SOCIETY • THE AMERICAN SOCIETY FOR BONE AND MINERAL RESEARCH

ASSOCIATE MEMBER SOCIETIES
SOCIETY FOR DEVELOPMENTAL BIOLOGY • AMERICAN PEPTIDE SOCIETY • ASSOCIATION OF BIOMOLECULAR RESOURCE FACILITIES
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* Member of the Executive Committee
## THE FEDERATION’S MISSION

The mission of the 'new FASEB' is to provide logistic support for the programs of independent Member Societies by disseminating information on biological research through scientific publications and conferences, and to provide a means for coalition activities among the Societies, particularly the effective representation of the interests and concerns of investigators in the life and biomedical sciences.
 BOARD OF DIRECTORS’ REPORT

In 1995, under the leadership of then-president Ralph A. Bradshaw, FASEB adopted a five-year development plan. The Board of Directors reviewed our progress during 1997 and we were pleased to find that the defined goals were being achieved and that the organization continued to show strength, growth, and development.

The five-year plan focuses on public affairs as the Federation's priority. The addition of Mr. Michael Stephens of Van Scoyoc Associates in 1996 as a legislative affairs consultant has provided considerable expertise and advice on both our advocacy efforts and on a broad range of developing policy issues. The effectiveness of our advocacy and representation efforts derive in large part from the diversity of scientific disciplines and the number of individual researchers included under the FASEB umbrella. For this reason the Board emphasizes the recruitment of new societies to our coalition.

During 1997 we welcomed The American Society for Bone and Mineral Research with their 2,800 scientists. The Associate Member category is also contributing to important growth. It was established a year ago to provide smaller scientific societies who lack the 2,000 members necessary to qualify for regular FASEB membership, the opportunity to participate in our public affairs efforts. Since then three Societies—the Society for Developmental Biology, the American Peptide Society, and the Association of Biomolecular Resource Facilities—have joined FASEB, bringing to fourteen the number of Societies included in the Federation, and representing more than 52,000 individual investigators. The value of providing the opportunity for these Societies to participate in FASEB affairs was clearly demonstrated in September when the Society for Developmental Biology proposed a five-year moratorium on human cloning that was readily endorsed by the Public Affairs Executive Committee on behalf of FASEB and most recently by the American Association of Medical Colleges.

Vigorous growth of the organization is central to our five-year plan and demonstrates that our representation and advocacy efforts are being recognized and valued in the scientific community. The Board recognizes that increasing the size of the Federation is not without potential drawbacks. As more Societies bring divergent views to the debate, the organization might experience difficulty in achieving consensus. We have adopted a safety valve that will limit the size of the Board of Directors to one representative for each Society when the membership exceeds sixteen Member Societies. This will ensure representation for all FASEB Members while limiting the debate. In addition, a committee, which convened this year under the leadership of Past President John W. Sutte, proposed, and the Board accepted, a statement that the word ‘consensus’ means the collective opinion or accord of the group, without necessarily representing unanimity. We expect that this clarification will facilitate the work of the committees that develop FASEB’s policy positions.

FASEB’s program of public affairs activities, under the leadership of Howard Garrison, includes initiatives that were implemented to address opportunities associated with the 1996 national elections. In reviewing these activities, the Board came to recognize their value and determined to maintain these activities. These expanded activities are expensive, with costs approximately twice the revenue the organization receives in dues from its Societies. To ensure this sustained commitment to public affairs, Past President John W. Sutte and Treasurer Linda M. McManus developed a long-term financial plan that would regularly infuse revenue from our reserves to support public affairs. Implementation took place in budget planning for 1998, and will ensure the continued high level of effort in public affairs.

In 1995 the Board approved the appointment of Dr. Marvin Snyder as Director of the Life Sciences Research Office (LSRO), and charged him with developing the LSRO program, which would represent the disciplines of the Member Societies while maintaining the traditional strength in nutrition and food sciences for which the LSRO is widely recognized. After two years of effort, Dr. Snyder concluded that anticipated new initiatives from government agencies would not develop. Dr. Snyder advised the Board to explore alternative strategies for maintaining the ongoing program in nutrition and food sciences and submitted his resignation. After careful consideration, and with the commitment of the American Society for Nutritional Sciences (ASNS) to assume the ongoing programs, the Board closed a chapter on a well-recognized aspect of FASEB’s activities. Dr. Richard Allison, Executive Officer of the ASNS, accepted responsibility as Interim Director of the LSRO. It is a tribute to Dr. Allison’s administrative skills that this changeover was effected without interruption to the important work of this unit.

Although FASEB is not a society of individuals, the leadership plays important and continuing roles in our representation efforts. This task is only possible for volunteers because of the commitment, enthusiasm, and willing assistance we receive from members of the Board and committees, and I want to express appreciation to my colleagues who make this important work possible.

Ralph G. Yount, Ph.D.
President and Chairman of the Board
FASEB entered a new era in 1994 when we implemented the FASEB Internet Access Server, providing new opportunities for communication with Society Members and other participants in the biomedical research community. The facility was initiated with a message to President Clinton concerning the federal budget for biomedical research, establishing from the outset the importance of this facility for our representation and advocacy efforts. The server was reconfigured to provide direct access to the World Wide Web (WWW) in 1995 and has become a core resource for the distribution of information concerning FASEB activities and the programs of Member Societies. A particularly significant milestone was achieved in October 1997 when the site received 1 million hits in a single month. The site includes information on all FASEB activities and links to the home pages of all Member Societies. Approximately 20% of users are located outside of North America and, interestingly, 25% of hits derive from non-institutional addresses. This suggests that the Web site provides an opportunity to access a constituency not previously addressed in any of our communications vehicles, the general public. It is clear that the Web site plays a major role in fulfilling the challenge of our five-year plan for FASEB to pursue the education of the lay public on the benefits and concerns of the biomedical sciences.

Recognizing the developing potential and growing importance of information systems to the success of the FASEB mission, we undertook a major restructur- ing of the resources supporting these activities during the course of the year. A new, senior-level manager was recruited in the person of Mr. Patrick Setser, bringing fifteen years' experience in systems development and management, most recently in an association environment. The Committee on Publications and Communications, under the leadership of Thomas J. Kindt, has taken a strong interest in the design and development of the Web site and regularly reviews plans for its expansion.

Access to the WWW has been of particular benefit for the development of our Minority Access to Research Careers (MARC) program. The National Institute for General Medical Sciences has provided a grant to FASEB for MARC activities for seventeen years. The grant supports visits by distinguished investigators to minority institutions for 4- to 6-week periods and for reciprocal visits by students from minority institutions to the laboratories of visiting scientists. In addition, support is provided for faculty and students from minority institutions to attend scientific meetings of FASEB Societies. In 1997, the program of activities was expanded with a receipt of a second grant, which includes support for four additional projects:

- Maintenance of a home page for MARC-related activities;
- Presentation of a conference on career development for minority investigators. This conference was initiated under the direction of Dr. James L. Olds of the American Association of Anatomists at the EB '97 meeting with a keynote presentation from Dr. John Ruffin, Associate Director for Minority Affairs and Health at the NIH;
- Presentation of workshops on the preparation and submission of research grants; and
- Travel grants for faculty and students from minority institutions to conduct research in the laboratories of distinguished investigators recognized for leadership in their fields.

Another program that is benefiting from the enhanced facilities for electronic communications is the Office of Publications. This department has implemented electronic protocols for exchange of manuscripts with the editor's office in New Haven and for online editing of accepted papers. An electronic version of the FASEB Directory is readily accessible from the FASEB home page, and plans have been developed to update the Directory entries online in 1998.

After eleven years of dedicated service to FASEB, the Director of the Office of Publications, Dr. Lewis I. Gidez, announced his retirement. During his tenure, Dr. Gidez oversaw the initiation of The FASEB Journal, its conversion from controlled to voluntary subscriptions, the installation of two editors-in-chief, Drs. William J. Whelan in 1986 and Vincent T. Marchesi in 1996, and implementation of electronic editing of manuscripts. Dr. Gidez's long experience and expertise will be missed, but we were fortunate to have on staff a successor with excellent experience in academic publications and experience with the FASEB organization to take up the challenge. Mr. Edward P. Rekas joined FASEB in 1996 with the responsibility for building an advertising network for Society and FASEB journals. Under Mr. Rekas's direction, the AdNet system has come to represent thirteen journals with total ad billings of almost $600,000. Two-thirds of these funds are returned to the Societies for program support. We look forward to Mr. Rekas bringing the same organizational skills to the other programs of the Office of Publications.

The milestones I have described here and the others that are reported throughout this Annual Report reflect the contributions of a resourceful and experienced staff, and I am pleased to express my appreciation for their commitment and energy in translating the vision of our volunteer leadership to programmatic outcomes.

Michael J. Jackson, Ph.D.
Executive Director
PUBLIC AFFAIRS: THE YEAR IN REVIEW

The year 1997 began and ended with good news for biomedical research. In the opening weeks of the 105th Congress, several Senators called for substantial increases in research funding. Senator Phil Gramm (R-TX) introduced legislation calling for the doubling of all non-defense research, including biomedical research. Senator Connie Mack (R-FL) introduced a non-binding sense of the Senate resolution calling for the doubling of the National Institutes of Health (NIH) budget in five years. While these statements were greeted with enthusiasm, the prospects for a substantial increase in funding were given a significant boost when Senator Arlen Specter (R-PA), Chairman of the Senate Labor, Health and Human Services, Education Appropriation Subcommittee, called for a 7.5% increase for NIH.

The year ended with impressive increases in funding for the NIH and NSF. The 7.1% increase in the NIH budget ($907 million) was the largest dollar increase in the agency's history. A 4.9% increase for NSF was also a significant accomplishment; it was the biggest increase in many years and signaled a renewed recognition of the importance of the Foundation's programs. The success of the NSF has been attributed to the active and coordinated efforts of the science community. FASEB leaders played a key role, reaching out to the leaders of other scientific disciplines, challenging other groups to become more assertive in their advocacy efforts, and working closely with them to present unified positions on key issues.

Between the bold statements at the beginning of the year and the favorable results at the end of the year were many months of uncertainty and hard work. The research community’s actions were crucial for maintaining the momentum created by our Congressional champions. With guidance from legislative affairs consultant Michael Stephens, FASEB was able to provide the support needed at decisive moments in the appropriations process. FASEB leaders met with key members of Congress, testified before appropriations subcommittees, wrote letters endorsing legislative proposals, and mobilized the support of thousands of scientists on behalf of the NIH and NSF. In March, FASEB organized a conference, held in conjunction with two Washington “think tanks” (The Brookings Institution and the American Enterprise Institute) on “The Future of Biomedical Research.” At this important event, members of Congress, economists, and leading scientists discussed the opportunities and the challenges facing biomedical research.

Over the course of the year, several major developments held important implications for the research community. The announcement in February that researchers in Scotland had successfully cloned a sheep from an adult somatic cell received widespread publicity in the scientific and popular press. In reaction to the perceived threat of “human cloning,” there was a call for national legislation to ban the procedure. To alleviate concern and misperception about the motives of the scientific community, FASEB adopted a voluntary moratorium on cloning human beings while educating the public about the benefits of research and the dangers of ill-conceived, hastily drafted legislation that could be detrimental to a wide range of basic research.

In May, questions about how the NIH sets its priorities for research funding received considerable attention on Capitol Hill and in the media. FASEB Past President John W. Suttie testified at hearings on “priority setting,” held by Senator William Frist (R-TN). Dr. Suttie worked with the NIH and representatives of other organizations to support the view that the greatest progress will be made when “scientific opportunity” is the principle criterion guiding research investments.

In June, the research community was concerned when it recognized that proposed changes to the tax law would eliminate tuition waivers for graduate research assistants. FASEB was one of the first organizations to identify the issue and alert its members to the threat to graduate education. By sending email and posting information on our Web site, FASEB generated hundreds of letters to Congress and was credited by many people with playing a critical role in the successful effort to maintain the tax-exempt status of tuition waivers for teaching and research assistants.

The year ended with growing, bipartisan support for biomedical and life sciences research. The proposal for “doubling the NIH budget in five years” gained considerable credence and attracted a growing list of proponents. FASEB began developing plans to advance this goal in its December consensus conference on federal funding and in a series of meetings with the leadership of other components of the research community.

Recent discoveries in the biomedical sciences have resulted in wide support for research funding and the expectation of significant returns on this investment. A broad coalition of patient advocacy groups, biotechnology companies, research institutions, and scientists is working to promote the research advances that will ultimately lead to better health and an improved quality of life. The effort to expand
the output of our exceptionally successful system of biomedical research must not ignore the central role of the scientist, and FASEB will continue to actively represent the views of laboratory researchers.

While the prospects for the future are bright, several major challenges remain. The enthusiastic support for biomedical research needs to be translated into concrete proposals and programs, and this effort will require dealing with several serious budgetary and legislative obstacles. FASEB leadership will marshal the enormous prestige, political impact, and experience of the Federation and its Member Societies to work for the advancement of biomedical research. We are also preparing to respond to ongoing concerns about research priorities, cloning, and other issues of concern to our Member Societies and the scientists they represent.

FASEB PUBLIC AFFAIRS PROGRAM
Public affairs activities of the Federation advance the interests of individual investigators in biological and biomedical sciences and are guided by representatives of the FASEB Societies serving on the FASEB Board of Directors and the Public Affairs Executive Committee (PAEC). The Office of Public Affairs (OPA) coordinates these activities and also supports the policy development and research mission of the Public Affairs Advisory Committee (PAAC). PAEC and PAAC members are listed on page 7. An important part of the FASEB public affairs program is its legislative affairs consultant, Michael Stephens. As a legislative analyst with nearly 25 years' experience on the staff of the House Labor, Health and Human Services, Education Appropriations Subcommittee, he is one of the country's most knowledgeable and respected experts on federal research funding. His information and analysis of legislative activities informs FASEB deliberations and policy development, and his insights and experience maximize the effectiveness of FASEB initiatives.

OFFICE OF PUBLIC AFFAIRS ACTIVITIES: 1997
OPA collects and analyzes data, organizes consensus conferences, and works with the FASEB leadership to present FASEB policies in executive, legislative, and other policy-making settings. Specific areas of action include government liaison, policy development, research, communication, coalition building, and public outreach. Some of OPA's significant achievements in 1997 are outlined below.

GOVERNMENT LIAISON
OPA works closely with FASEB's legislative affairs consultant, Michael Stephens, and the elected leadership of FASEB to effectively represent the views of biomedical scientists before Congress, federal agencies, and other organizations. By speaking with a single voice, the Member Societies can increase the impact of their message and maximize their influence on public policy.

- Last year, FASEB, its Member Societies, and coalition partners conducted a successful advocacy campaign to increase federal funding for biomedical research, including a 7.1% increase for NIH and a 4.9% increase for NSF. FASEB's recommendations for the NIH, NSF, VA, USDA, DOE, and NASA were presented in testimony before appropriations subcommittees, in meetings with Congressional leaders, and in thousands of letters to key policy makers from FASEB Society Members in response to FASEB-generated alerts.

- Throughout the appropriations process, FASEB President John W. Suttie and (after July 1) FASEB President Ralph G. Yount were in regular communication with key Congressional leaders and their staffs. They met on several occasions with House Labor-HHS-ED Appropriations Subcommittee Chair, John Porter (R-IL). FASEB President Yount also discussed science policy initiatives with House Appropriations Committee Member, George Nethercutt (R-WA) and House Science Committee Chair, James Sensenbrenner (R-WI).

- Other FASEB efforts on behalf of biomedical research and the research community included a very successful effort to preserve the tax-free status of tuition waivers for graduate students. After learning of a proposal to change the tax status of tuition waivers, FASEB notified the research community and sparked a successful letter-writing campaign to convince Congress to eliminate the change from the 1997 tax bill. FASEB was also influential in promoting Congressional action to prevent a reduction in Ph.D. research positions at the Department of Veterans Affairs.

POLICY DEVELOPMENT
OPA works with the FASEB Board of Directors, PAEC, and the PAAC to establish FASEB positions and official statements. Consensus conferences of representatives from the Member Societies are primary vehicles for policy development. FASEB committees and conferences bring together the leadership of the Societies and draw on their collective experience, expertise, and resources to formulate positions on behalf of individual investigators in the biomedical sciences.

- The PAEC adopted a voluntary moratorium on human cloning, and FASEB held a press conference to
announce this position. FASEB Vice President William R. Brinkley and PAEC member Roger A. Pedersen met with Representative Connie Morella (R-MD) to urge caution in legislative actions on cloning.

- The Ethical Issues in Genetic Research Subcommittee developed a position statement on medical records privacy and the use of human tissue in biomedical research. This statement was approved by the PAEC and sent to the National Bioethics Advisory Commission to guide their deliberations on this issue.

- OPA organized the FY 1999 Federal Funding Consensus Conference. Before convening, Society representatives divided up into six agency review committees and evaluated agency reports, met with Congressional staff, and prepared draft recommendations. During the conference, the Society representatives heard from NIH Director Harold E. Varmus, NSF Director Neal Lane, and former Presidential Science Advisor D. Allan Bromley. As part of FASEB's ongoing efforts to support investment in all fields of science, presidents of the American Chemical Society, the American Physical Society, and the American Mathematics Society attended the conference at the invitation of FASEB President Yount.


- The FASEB report on graduate education presented analyses of data on education and employment of Ph.D.'s in the biomedical sciences.

COMMUNICATION

Information collected in development and support of FASEB's public affairs program is shared with the research community through electronic and print media.

- OPA maintains the FASEB Public Affairs home page on the World Wide Web: http://www.faseb.org/opa

- FASEB’s electronic network, BioInfoNet, provides information on urgent public affairs issues to biological and biomedical scientists at research institutions across the nation. BioInfoNet was used to alert the research community about the proposed changes in the tax status of tuition waivers and to urge scientists to write to Congress about this and other issues vital to biomedical and life sciences research.

- OPA publishes the FASEB Newsletter six times a year. The newsletter reports on the Federation’s public affairs activities and other policy issues significant to biomedical scientists. This source of information on FASEB and Member Society public affairs initiatives keeps readers apprised of important events in Washington and summarizes ongoing FASEB activities and policy initiatives.

COALITION BUILDING

OPA works with other organizations to advance and protect the interests of biomedical scientists. These alliances help promote the positions of the Societies and their members by joining with other groups that share the same goals. Coalition partnerships include the Ad Hoc Group for Medical Research, Coalition for National Science Funding, National Association for Biomedical Research, Federal Demonstration Partnership, Commission on Professionals in Science and Technology and Research!America. OPA also formed the Coalition of Biomedical Scientists to coordinate the actions of organizations representing investigators on crucial research policy issues.
• FASEB President Ralph G. Yount, President Elect William R. Brinkley, and Past President John W. Suttie met with representatives of the Pharmaceutical Research and Manufacturers Association to discuss areas of mutual interest and concern, including funding for the NIH and proposed legislation on "privacy" and "cloning."

• FASEB endorsed the "Unified Statement on Research" and joined a large group of science, engineering, and mathematics societies that endorsed doubling federal investment in research within ten years.

• FASEB supported the National Association for Biomedical Research in its successful appeal of a District Court ruling on United States Department of Agriculture (USDA) standards for nonhuman primates. On December 9, 1997, the Appeals Court overturned a ruling made by the District Court in a lawsuit brought against USDA by the Animal Legal Defense Fund (ALDF). ALDF was seeking to force USDA to revise its performance-based standards for animal care and replace them with rigid "one size fits all" requirements, which would have added significant costs without benefiting the animals.

PUBLIC OUTREACH
Informing the public and its elected representatives about the benefits of basic research supports the education mission of the FASEB Societies and is part of an active approach to maintaining public support for research.

• FASEB presented its 1996 Public Service Award to Senator Nancy Kassebaum Baker (R-KS, retired) and Representative Nancy Pelosi (D-CA). This award honors individuals who have made outstanding contributions to biomedical research through their work in government, public affairs, the media, or related fields. Participating in the awards ceremony were the NIH Director Harold E. Varmus and Presidential Science Advisor Jack Gibbons.

• OPA continued to inform the public about the benefits of biomedical research. FASEB published another essay in the Breakthroughs in Bioscience series: "Cardiovascular Disease and the Endothelium" and distributed 1,500 copies to Members of Congress and their staff, education groups, textbook publishers, and public policy organizations.

• Public Affairs of Office

HOW TO PARTICIPATE IN FASEB PUBLIC AFFAIRS ACTIVITIES
• Recent FASEB Congressional testimony and positions on policy issues are posted on the Public Affairs Web page: http://www.faseb.org/opa. FASEB reports and other policy documents of interest to biomedical scientists are also posted. We invite you to visit our Web page and welcome your comments.

• BioInfoNet informs scientists of pending government actions affecting research. BioInfoNet currently reaches more than 70 institutions and is growing. To be sure that you are connected, find the name of your campus coordinator by sending an email inquiry to: litch@opa.faseb.org

• Society Members are encouraged to incorporate FASEB position statements in their correspondence with elected representatives.

PUBLIC AFFAIRS EXECUTIVE COMMITTEE (PAEC)
Ralph G. Yount, Chair
James A. Schafer
Peter H. von Hippel
Palmer Taylor
Dorothy F. Bainton
David E. Ong
Katherine L. Knight
William R. Brinkley
Donald A. Fischman
Robert W. Newburgh
Steven L. Teitelbaum
Roger A. Pedersen**
John A. Smith**
Thomas T. Anderson**
John W. Suttie*

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Robert E. Smith
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Stephen H. White
Robert O. Kelley
Tony E. Hugli
Nicola C. Partridge
Ida Chow**
Fred R. Naider**
David W. Speicher**
Ralph G. Yount*
OFFICE OF SCIENTIFIC MEETINGS & CONFERENCES

Geri Swindle, Director

The FASEB Office of Scientific Meetings and Conferences (OSMC) managed 13 meetings and 24 conferences in 1997. The services provided included site selection, facility arrangements, personnel and equipment arrangements, exhibit management, promotion, hospitality, assistance with abstract processing and programing, registration processing, and CME credits.

The chart below shows the attendance, number of abstracts programmed, and the number of exhibit booths sold for the meetings managed by the FASEB OSMC.

### 1997 MEETINGS MANAGED BY THE OFFICE OF SCIENTIFIC MEETINGS AND CONFERENCES

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<th>Scientific Registration</th>
<th>Total Registration</th>
<th>Programmed Abstracts</th>
<th>Exhibit Booths</th>
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SUMMER RESEARCH CONFERENCES
The sixteenth year of the FASEB Summer Research Conferences consisted of 24 conferences. Nine conferences were held at the Vermont Academy in Saxtons River, Vermont, June 7-August 14; ten at Copper Mountain, Colorado, June 8-22; four at Snowmass Village, Colorado, July 5-August 14, and one at Keystone Resort, July 20-25.

Total attendance for the conferences was 3,005 with an average of 122 persons per conference (the 1996 average was 110). Twenty-five percent of the participants were from foreign countries.

1997 CONFERENCE SCHEDULE

SAXTONS RIVER, VT
June 7-12 Cytokines and Lipid Mediators
June 14-19 Biological Methylation
June 21-16 Autoimmunity
June 28-July 3 Ubiquitin & Protein Degradation
July 12-17 Hematopoietic Neoplasms
July 19-24 Transcription Initiation in Prokaryotes
July 26-31 Intestinal Lipid Absorption, Metabolism and Transport
August 2-7 Vitamin K & the Synthesis, Structure & Function of Vitamin K-dependent Proteins
August 9-14 Thrombin & Vascular Medicine

SNOWMASS VILLAGE, CO
July 5-10 Chromatin & Transcription
July 12-24 Ras Superfamily of Small GTP-binding Proteins
August 2-7 Genetic Recombination & Chromosome Arrangements
August 9-14 Protein Kinases & Protein Phosphorylation

KEYSTONE RESORT, CO
July 20-25 Biology & Chemistry of Vision

COPPER MOUNTAIN, CO
June 8-13 Glucose Transporter Biology
June 15-20 Microbial Polysaccharides of Medical, Agricultural & Industrial Importance
June 22-27 Smooth Muscle
June 29-July 4 Endothelium & Cardiovascular Control
July 6-11 Ciliate Molecular Biology
July 13-18 Amyloid & Other Abnormal Protein Assembly Processes
August 3-8 Gastrointestinal Tract VII: Development, Differentiation, and Adaptation
August 10-15 The Role of Neural & Behavioral Plasticity in Chronic Drug Abuse
August 17-22 Prenatal Regulation of the Cardiovascular System

RESEARCH CONFERENCES ADVISORY COMMITTEE
Jeffrey S. Fedan, Chair
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William L. Taylor
Gary R. Pasternack
Alfred H. Merrill
Eda T. Bloom
Cal Roskelley
Barbara Brodsky
Bruce M. Carlson
Claude B. Klee
Rajiv Kumar
The activities of the Office of Publications were significantly expanded during 1997. In addition to publication management of two monthly journals, *The FASEB Journal* and the *Journal of Leukocyte Biology*, the *FASEB Directory of Members*, and numerous annual meeting abstract and program publications, the office now includes: FASEB AdNet, which is responsible for advertising sales management for thirteen life sciences publications; Marketing; and Society Services, which provided a menu of management services to eleven life science Societies. Lewis I. Gidez, Ph.D., and former director, retired from FASEB to devote his energies to management of the *Journal of Lipid Research*. These changes resulted in an overall increase in staff from six to nine full-time employees.

**The FASEB Journal**

http://www.faseb.org/fj

The year 1997 was the first full year of operation in the reorganized New Haven office of the journal. During this time we completed the changes in the mode of operation of the journal, begun on a provisional basis the year before, and saw the successful launching of the new Life Sciences Forum section.

The Life Sciences Forum was designed to attract articles that deal with social, economic, and political issues that affect the life sciences and life scientists worldwide. A number of provocative articles were published during the last several months, one in particular provoked spirited responses from readers. We also took this opportunity to engage the attention of other members of the FASEB community by inviting presidents of each of the Member Societies to respond to an article written by Bob Pollack, entitled "Hard Days on the Endless Frontier." We hope that these exchanges between authors and readers will stimulate a new, interactive dynamic between the journal and its readers who are FASEB Society Members.

The journal continued to feature in-depth Reviews of diverse topics, and returned to the practice of inviting scientists at the FASEB-sponsored summer conferences to summarize the latest developments in their fields. Eight reviews on ubiquitin-mediated protein degradation were published in two sequential issues of the journal, making this the most up-to-date summary of this fast-moving field. FASEB subsequently decided to republish the articles in a monograph, another practice that we hope to follow in the future. To broaden the scope of our reviews, we have recently invited every member of the Editorial Board to submit at least one suggestion for a topical review within the next 24 months.

Another project brought to fruition this year was a general face-lift of the journal. A change in font, increased column widths with more white space, both judged to be easier on the reader, higher quality paper stock, new formulas for the masthead and table of contents, more creative layouts for editorials, and a right-hand start for each article constituted the most apparent changes. Also updated were the Instructions for Authors and other guidelines, which are now accessible through the FASEB home page.

Early in 1996 we began, on an experimental basis, the practice of asking authors to submit a brief description of their Research Communications before sending a complete manuscript for formal review. The motives behind this were severalfold. By asking authors to highlight the importance of their findings, and to explain why they wished to publish them in this multidisciplinary journal, we hoped to encourage them to send us manuscripts that did indeed appeal to the broad FASEB community. We also sought to discourage manuscripts that might be more appropriate for one of the many specialty journals of FASEB Member Societies. Saving authors and ourselves the expense of shipping manuscripts back and forth was an added benefit.

Author response to this practice has been so uniformly positive that this is now the standard procedure for handling all Research Communications. Almost all inquiries come to us via electronic mail or FAX, and we try to respond to authors as soon as possible. This practice has significantly reduced the number of manuscripts that would otherwise receive low or unacceptable priority ratings.

**FASEB Directory of Members**

http://www.faseb.org/cgi-bin/Soc-Dir

The 1997-98 Edition of the *FASEB Directory of Members* was published November 1 and was mailed to approximately 31,000 members of seven Federation Societies. The Directory was expanded to include all members of The American Society for Bone and Mineral Research, the eleventh Member Society, and the American Peptide Society, an Associate Member, bringing the total number of listings to an all-time high of 48,978, up 13% from last year. In addition to all of the general contact information, the Directory now includes email listings for 62.8% of Society Members.
FASEB WWW Site

http://www.faseb.org

The FASEB WWW Site continued its impressive growth in 1997, generating a total of over 5 million 'hits'. More impressive was its growth in unique hosts served—from an average of 20,000/month in 1996 to 46,000/month this past year. ‘Unique hosts’ corresponds to the number of computer sites that log onto the site, and could be considered the most conservative barometer of Web usage.

To better serve users, FASEB's Publications and Communications Committee suggested converting the home page to a dynamic format, so that users can link to ‘hot topics’ and news items directly.

Redactory Services

The Office of Publications is responsible for managing publications beyond those owned by FASEB. Chief among these is the Journal of Leukocyte Biology, the official publication of the Society for Leukocyte Biology, which published twelve issues plus an annual meeting program and directory supplement in 1997. In addition, the Office of Publications cooperated with the Society to identify an online vendor to launch JLB Online in mid-1998. The office was also responsible for managing the Journal of Lipid Research through June.

Redactory Services staff cooperates with the FASEB Offices of Communication and Information Services and Printing and Graphic Services to produce scientific meeting abstract volumes and programs. The office standardizes terminology, speaker affiliations, and arranges abstracts into program order as directed by meeting organizers. Major 1997 efforts supported the Biophysical Society meeting (about 2,500 abstracts), Experimental Biology '97 (3,805 abstracts and program), International Congress of Biochemistry and Molecular Biology (4,000 abstracts and program), and the Society for Neuroscience meeting (over 14,000 abstracts). Other abstracts work was done on behalf of the American Society of Virology, the RNA Society, two meetings of The Protein Society, and the Society for Leukocyte Biology. The office assisted the International Union of Physiological Scientists in their online directory effort.

The Office also cooperated with the Office of Public Affairs to publish, "Cardiovascular Disease and the Endothelium," part of an ongoing series of essays intended to educate the lay public about the importance of funding basic biomedical research.

FASEB ADNET

FASEB AdNet, the advertising network for the life sciences, moved under Publications Office management in July. The past year marked several milestones for AdNet. The 62% increase in overall client advertising billings allowed AdNet to make a positive financial contribution to FASEB for the first time. This very large gain resulted from an increased investment in personnel and the successful launch of an advertising program for a new client and very significant revival of another's. AdNet also sold its first cyberspace ads for yet another client and generated advertising revenue on the FASEB Web site for the first time. AdNet also streamlined its efforts by discontinuing the representation of three publications, bringing the total managed portfolio to twelve journals, a newsletter, and four annual publications.

FASEB MARKETING

This operation, which primarily supports The FASEB Journal, was also consolidated into Publications. Late in 1997 it managed a large direct mail campaign to develop increased subscriptions for the journal. This included mailings to FASEB Society Members, industrial life science researchers, university life science department heads, domestic and foreign institutions, as well as members of life science societies outside the FASEB family.

Marketing arranges and manages FASEB's participation in life science exhibits at major national meetings. It also manages the FASEB Member Services program including various insurance and credit options, and legal, financial, and viatical settlement advice.

Publications and Communications Committee

Thomas J. Kindt, Chair
Pamela J. Gunter-Smith
Ann Ginsburg
Marlene L. Cohen
Hamet C. Isom
Susan S. Percival
Gary Gorbsky
Betty J. Gaffney
William P. Jollie
Robert W. Newburgh
Marc K. Drezner
LOGISTIC SUPPORT

The Federation provides physical and electronic infrastructure, along with professional management and production services, to further the objectives of the Member Societies and other life science Societies that purchase these available services. Roughly one-third of all 1997 FASEB revenues were generated through logistic support.

THE FASEB CAMPUS

Over the years FASEB has become the physical center of the life sciences and biomedical Society and Association world. In addition to housing ten of its eleven Member Societies, another nine organizations leased space on the Beaumont Campus in 1997. Among them were:

- Agricultural Research Institute
- American Board of Medical Genetics
- American College of Toxicology
- American Medical Writers Association
- American Society of Animal Science
- American Society for Human Genetics
- Genetics Society of America
- Association for Research in Vision and Opthamology
- Society for Developmental Biology
- Society for Leukocyte Biology.

An additional nine organizations purchased selected services from the following range of management offerings in 1997: Secretariat Services (including mail, telephone, and email service), Membership and Financial Services, and Meetings or Publications Management. The Societies and Associations served include:

- Association of Biomolecular Resource Facilities
- International Society for Interferon and Cytokine Research
- International Society of Thrombosis and Haemostasis
- Ribonucleic Acid Society
- Society of Chinese Bioscientists in America
- Society for Cryobiology
- Society for Invertebrate Pathology
- Society for Physical Regulation in Biology and Medicine
- Wound Healing Society.

HUMAN RESOURCES

A. Derek Knox, Director

The Human Resources Department provides recruiting, screening, placement, payroll services, and administers employee benefits programs for FASEB and Society staffs. It also monitors compliance with all federal reporting and disclosure requirements and administers the Salary Management, Performance Management, and Affirmative Action Programs of the Federation. FASEB is an Equal Opportunity Employer. The accompanying chart shows the growth of the Member Society staffs compared to Federation staff. Note that staff productivity has grown significantly with 10% fewer staff providing service to 48,978 members of eleven Societies in 1997 as compared to 1992, when there were 37,534 Members.

MAILING/ADDRESSING & PURCHASING

John R. Smisek, Manager

During 1997 Mailing & Addressing Services processed approximately 2 million pieces of mail, which were distributed to the U.S. Postal Service. The number of United Parcel Service packages once again grew to an all-time high of 15,664. This volume allowed FASEB to realize a savings of $60,337 for its campus residents. The Purchasing office continues to obtain significant discount prices due to the volume of procurement.
LOGISTIC SUPPORT

PRINTING & GRAPHIC SERVICES
Richard A. Dunn, Manager

In 1997 the efforts of the Printing and Graphic Services department continued to focus on providing cost-effective, timely, quality services as defined by its customers. The year saw increased departmental support for the generation of electronic publications for use on the World Wide Web. Many of the larger publications currently produced by the department are published in both traditional print and in electronic form. Examples include the FASEB Newsletter, The Physiologist, the AAA Newsletter, Consensus Conference reports, various meeting publications, and the FASEB Annual Report.

After eliminating journal composition in 1996, the composition section of the department experienced growth of 28.5% in non-journal composition. A portion of this increase can be attributed to the increased volume of electronic publications. The printing section saw a decrease in volume of 9.8%, due largely to a reduced number of printed publications for FASEB departments and fewer Society meetings. Printing volume for Member Societies continues to constitute the largest portion of the department's printing production.

BUILDINGS AND GROUNDS
Edward Ames, Facilities Manager

The Buildings and Grounds Department’s primary job is the physical operation of FASEB buildings and maintenance, care, and upkeep of the more than eleven acres of grounds, roads, and parking areas. It also operates the Conference Center, the campus Rolm Telephone System, and provides a wide range of special services.

This year the department renovated two large office areas, approximately 7,000 sq. ft., and relocated the Office of Scientific Meetings and Conferences and the Life Sciences Research Office into those completed spaces. The project opened up three offices, about 650 sq. ft., for the American Society for Cell Biology.

The campus parking lot and road lighting were revamped with additional light poles and new fixtures, which were installed on the exterior of the Lee and Beaumont buildings. Higher output HID fixtures replaced the old on all of the existing poles, substantially improving the campus light level and the safety of personnel.

OFFICE OF COMMUNICATIONS AND INFORMATION SYSTEMS
Patrick Setser, Director

Data Processing Services was reorganized in 1997 as the Office of Communications and Information Systems (OCIS). OCIS provides information systems and services to support Federation departments and Societies in fulfilling their mission. OCIS is charged with providing direction for the development, implementation, and management of the Federation's information systems. Systems include not only network and computing resources, but also the operating systems and software programs to offer new and innovative ways to meet Federation objectives. Services provided by OCIS include database and association management software, mailing lists, various reports dealing with Society demographics, Internet access and facilities, abstract processing, programming development, and desktop support. Major initiatives were begun in 1997 to upgrade the FASEB Internet/Web and iMIS association management software servers. The new Internet server will provide increased capacity and fail-over capability to help assure high availability. These new systems will come online in early 1998.

Abstract processing for scientific meetings continued to be an important activity with major improvements made in electronic submission during 1997, including the ability to preview and revise a submission, view the full abstract when searching, and the ability to build a meeting itinerary online. Approximately 40,000 abstracts were processed in support of more than a dozen scientific meetings.
EXCELLENCE IN SCIENCE AWARD
Claude B. Klee, M.D., was selected to receive the 1997 FASEB Excellence in Science Award. Dr. Klee, Chief, Laboratory of Biochemistry, National Cancer Institute, National Institutes of Health, Bethesda, Maryland, presented her lecture, entitled “Calcineurin: Coupling Between Oxidative Stress and Calcium Signaling,” at the 17th International Congress of Biochemistry and Molecular Biology, ASBMB Annual Meeting, in San Francisco, California, August 1997. "Dr. Klee is a major figure in the scientific programs of the NIH and of the biochemistry world," said Alan Rabson, MD, NCI Deputy Director, in his letter of nomination. "She is an outstanding scientist." The $10,000 award, funded by Eli Lilly and Company, recognizes outstanding achievement by women in biomedical science.

Dr. Klee is a member of ASBMB, ASCB, and The Protein Society.

EXCELLENCE IN SCIENCE AWARD COMMITTEE
Mary Vore, Chair
Kim E. Barrett
Joan W. Conaway
Sue C. Heffelfinger
Mary C. McKenna
B.J. Fowlkes
Sarah C.R. Elgin
Joyce E. Jentoft
Birgit H. Sahr
Linda L. Randall
Katherine L. Knight*

*Board Liaison

GREGORY PINCUS MEMORIAL AWARD
In 1974 Mrs. Gregory Pincus established a Memorial Fund in the Federation in honor of her late husband, a distinguished reproductive physiologist and co-discoverer, with Dr. M.C. Chang, of the oral contraceptive. Upon her death in 1988, she bequeathed additional monies to the Memorial Fund. Each year the President of FASEB selects a student to receive income from the Fund to help defray expenses for travel to a scientific meeting of his or her choice. In 1997 Dr. John W. Suttie, President of FASEB, selected Anna M. Sessler, a graduate student in the Department of Biochemistry at the University of Wisconsin, Madison, to attend the Experimental Biology '97 meeting in New Orleans, LA.

WELLCOME VISITING PROFESSORSHIPS IN THE BASIC MEDICAL SCIENCES 1997/98 SERIES
Sponsored and supported by the Burroughs Wellcome Fund, the Professorships are designed to stimulate interest in the basic sciences and to recognize eminent scientists in the disciplines of the FASEB Member Societies. Twenty-eight awards go to universities and other nonprofit scientific research institutions within the United States. Visiting Professors spend up to five days at the host institution to interact with students and faculty and to deliver a Wellcome Lecture. The Burroughs Wellcome Fund awards $5,000 for each Professorship and the Federation administers the program. (See opposite page for the complete list.)

WELLCOME VISITING PROFESSORSHIPS COMMITTEE
Robert W. Gore, Chair
Howard Zalkin
Lorraine J. Gudas
Michael E. Lamm
Robert A. Harris
Norman Klinman
Igor B. Dawid
Ann E. McDermott
Michael D. Gershon
Perry A. Frey
John P. Bilezikian
HOST INSTITUTIONS AND WELLCOME VISITING PROFESSORS

EAST CAROLINA UNIVERSITY SCHOOL OF MEDICINE - NC
C. Sartorelli, PhD
Yale University School of Medicine - CT

GREENWOOD GENETIC CENTER - SC
Kathleen K. Sulik, PhD
University of North Carolina Birth Defects - NC

THE JOHNS HOPKINS UNIVERSITY - MD
Ell E. Sercarz, PhD
University of California, Los Angeles - CA

MEDICAL UNIVERSITY OF SOUTH CAROLINA - SC
Alexander Rich, MD
Massachusetts Institute of Technology - MA

MEHARRY MEDICAL COLLEGE - TN
Bertil Hille, PhD
University of Washington - WA

MOREHOUSE SCHOOL OF MEDICINE - GA
Stephen B. Liggett, MD
University of Cincinnati, College of Medicine - OH

NEW YORK MEDICAL COLLEGE, VALHALLA - NY
David Glenn Harrison, MD
Emory University School of Medicine - GA

NEW YORK MEDICAL COLLEGE, VALHALLA - NY
Stanley Gail Nathenson, MD
Albert Einstein College of Medicine - NY

NORTHEAST LOUISIANA UNIV SCHOOL OF PHARMACY - LA
Sidney D Nelson, PhD
University of Washington - WA

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY - NJ
Fred H. Cage, PhD
The Salk Institute - CA

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY - NJ
Zippora Shaked, PhD
Weizmann Institute of Science - Israel

UNIVERSITY OF MARYLAND BIOTECH INSTITUTE - MD
David William Rice, D Phil
The University of Sheffield - UK

UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL - MA
Ronald M. Evans, PhD
The Salk Institute for Biological Studies - CA

UNIVERSITY OF MISSOURI, COLUMBIA - MO
Jonathan G. Seidman, PhD
Christine E. Seidman, MD
Harvard Medical School - MA

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL - NC
Susan S. Taylor, PhD
University of California, San Diego - CA

UNIVERSITY OF NORTH DAKOTA SCHOOL OF MEDICINE - ND
John R. Hassell, PhD
University of Pittsburgh Eye & Ear Institute - PA

UNIVERSITY OF ROCHESTER MEDICAL SCHOOL - NY
Thomas J. Schall, PhD
DNAX Research Institute - CA

UNIVERSITY OF SOUTH DAKOTA SCHOOL OF MEDICINE - SD
Eric N. Olson, PhD
University of Texas Southwestern Medical Center - TX

UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER - TX
Tom Curran, PhD
St Jude Children's Research Hospital - TN

UNIV OF TEXAS MEDICAL BRANCH AT GALVESTON - TX
Agnes B. Kane, MD, PhD
Brown University - RI

UNIVERSITY OF UTAH - UT
Cecil B. Pickett, PhD
Schering-Plough Research Institute - NJ

UNIVERSITY OF WYOMING - WY
Jack L. Strominger, MD
Harvard University - MA

UMDNJ - ROBERT WOOD JOHNSON MED SCHOOL - NJ
Peter B. Dervan, PhD
California Institute of Science - CA

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO - CA
Alan Roy Fersht, PhD
Cambridge University - England

UNIVERSITY OF GEORGIA - GA
John W. Erdman, PhD
University of Illinois - IL

WASHINGTON STATE UNIV COLLEGE OF PHARMACY - WA
Ronald T. Borchardt, PhD
The University of Kansas School of Pharmacy - KS

WASHINGTON STATE UNIV COLL OF VETERINARY MED - WA
Ian F.C. McKenzie, MD, PhD
Austin Research Institute - Australia

WAYNE STATE UNIVERSITY - MI
Piet Borst, MD, PhD
Netherlands Cancer Institute - Netherlands
In 1997 the FASEB Career Resources Office celebrated the one-year anniversary of the CAREERS OnLine DataNet Services at http://www.faseb.org/careers/
This Web site provides interactive advance registration for the FASEB Career Resources Center/Placement Service at related scientific meetings and a year-round online employment search and referral database for employers and applicants. On January 1, the CAREERS OnLine CLASSIFIED weekly newsletter was launched. The online newsletter is published every Wednesday at: http://www.faseb.org/careers/chcnexis/

In October CAREERS OnLine DataNet Services were enhanced by the introduction of the CAREERS OnLine Employer SearchNet "Total Access" Subscription. This new service allows employers access to applicants' profile information listed in the CAREERS OnLine Applicant DataNet. The usefulness and success of the CAREERS OnLine DataNet Services Internet site was reflected in the number of monthly visits and page requests, which averaged 33,673 per month in 1997.

The FASEB Career Resources Center/Placement Service is a user-friendly, internet-based system that facilitates employer 'search and referral' of applicants, interview scheduling, and message notification services. Career Development Seminars and Cover Letter/Resume Critique Workshops are also provided. The office provided on-site career services for the AAAAJ/AAI/OS Joint Meeting (February), Pharmacology '97 (March), Experimental Biology '97 (April), 17th ICBMB/ASBMB Annual Meeting (August), and the SFN '97 Annual Meeting (November).

The Minority Access to Research Careers (MARC) program was created by the National Institute of General Medical Sciences in order to increase the number of biomedical scientists from minority groups and to encourage minority students to pursue graduate training leading to the Ph.D. degree in the biomedical sciences. FASEB has supported the training of minority scientists through a MARC grant. Specific activities in support of MARC included:

- Visiting Scientists for Minority Institutions program (18 Travel Awards were provided)
- Scholarships for minority scientists to attend FASEB Society scientific meetings and conferences (15 Faculty and 30 Student scholarships were awarded)
- Scholarships for minority students to attend FASEB Summer Research Conferences (26 Faculty Scholarships were awarded)
- Reciprocal Visits by Advanced Minority Students to Visiting Scientist Institutions (2 Student Scholarships were awarded).

FASEB continued to expand and enhance MARC by initiating a comprehensive program designed to:

- Develop and maintain a FASEB/MARC Activities and InfoNet on the FASEB WWW site at: http://www.faseb.org/marc/

- Create and host a Minority Researchers Program and Luncheon with the American Association of Anatomists to identify specific problems confronting the development and funding of minority scientists in the increasingly competitive world of research grants.

- Develop and provide Research Grants Application and Process Training Programs to assist minority scientists in understanding how the federal system of biomedical research support works. This program focuses on the techniques necessary to develop ideas and research into successful grant applications.

- Develop a Minority Faculty/Student Summer Fellowships Program.
The Federation finances for calendar year 1997 are detailed in the financial statements that follow. These schedules summarize the more detailed financial statements audited by Arthur Andersen LLP, a leading national accounting and consulting firm. A copy of the complete audited financial statements is available on request from the Comptroller's Office.

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 net assets, temporarily restricted net assets, and permanently restricted net assets. Accounting for contributions received and contributions made requires that contributions received be recorded as unrestricted, temporarily restricted, or permanently restricted support depending on the existence and/or nature of any donor or time restrictions.

The majority of Federation activities and net assets are unrestricted and controlled by the Federation Board. The Memorial Fund, established by a donation from Mrs. Elizabeth Pincus in memory of her husband, Gregory Pincus, the interest from which supports travel of young scientists to scientific meetings, is the only permanently restricted net asset. Temporarily restricted assets are contributions restricted by purpose or by item, i.e., income generated by the Pincus Memorial Fund and donations for the following year's Summer Research Conferences.

In 1996, the Financial Accounting Standards Board (FASB) issued Statement of Accounting Standards (SFAS) No. 124, Accounting for Certain Investments Held by Not-for-Profit Organizations as required by Generally Accepted Accounting Principles (GAAP). Under SFAS No. 124, the Federation is required to report debt and equity securities at market value based on quoted market prices. The net effect of adopting SFAS No. 124 was the reporting of the increment for market value at December 31, 1997, of $2,556,996, of which $1,083,763 relates to the appreciation in market value during 1997 and $1,473,233 relates to appreciation in years prior to 1997.

STATEMENT OF FINANCIAL POSITION

This statement presents the Assets, Liabilities, and Net Assets of the Federation on December 31, 1997. There is a very healthy 4.3 to 1 ratio between assets ($20,890,964) and liabilities ($4,843,758). The Net Assets, i.e., the difference between assets and liabilities is $16,047,206, which is the accumulated total of net operating results over the organization's 84-year history. Current assets of the Federation include cash, receivables, supplies, and future years' expenses prepaid in 1997, which total $2,857,652. Investments of $13,148,969 are diversified in U.S. Treasury bills and notes, commercial paper, commercial bonds, and common stock. In 1997, the Federation Board restructured certain investment accounts into two reserve funds, the Program Reserve and the Depreciation Reserve. The Program Reserve ($10,513,035) 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 for support of operations. The Depreciation Reserve ($1,479,227) provides for capital improvements, renovations, and repairs or purchases of major equipment with a unit price exceeding $2,000. Other investments include mutual funds purchased under the Deferred Compensation Plan for employees ($1,140,225) and the permanently restricted Memorial Fund ($16,482).

A significant asset is the net investment of $4,884,343 in the buildings, grounds, furniture, and equipment on the Beaumont campus, home to the Federation, its constituent Societies, and other scientific and educational Societies whose offices are located on the campus.

Liabilities totaling $4,843,758 include: amounts owed to vendors on December 31, 1997, for products and services received ($442,972); revenue received in 1997 but applicable to programs to be conducted in 1998 ($1,411,210), amounts owed to employees under the deferred compensation plan ($1,140,225); annual leave accruals ($293,064), and the note payable to NationsBank in connection with the Economic Development Revenue Bond ($1,556,287).

The Net Assets of the Federation ($16,047,206) increased by $2,168,276 in 1997 as a result of a net gain from operations of $116,983, investment income of $967,530, and net unrealized gain on investments of $1,083,763.

STATEMENT OF ACTIVITIES

The Statement covers the 12 months for the year ending December 31, 1997, 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 to be paid the Federation by the Member Societies.
## 1997 Financial Reports

### Statement of Financial Position
**As of December 31, 1997**

#### Current Assets

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash</td>
<td>$ 848,494</td>
</tr>
<tr>
<td>Receivables</td>
<td></td>
</tr>
<tr>
<td>Government Contracts and Grants</td>
<td>$ 222,213</td>
</tr>
<tr>
<td>Member Societies and Custodial Accounts</td>
<td>$ 912,529</td>
</tr>
<tr>
<td>Membership, Publication, and Contract Services</td>
<td>$ 465,243</td>
</tr>
<tr>
<td>Supplies and Prepaid Expenses</td>
<td>$ 409,173</td>
</tr>
<tr>
<td><strong>Total Current Assets</strong></td>
<td><strong>$ 2,857,652</strong></td>
</tr>
</tbody>
</table>

#### Investments

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Investments</strong></td>
<td><strong>$ 13,148,969</strong></td>
</tr>
</tbody>
</table>

#### Property and Equipment, Net

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land, Buildings, and Improvements</td>
<td>$ 4,286,712</td>
</tr>
<tr>
<td>Furniture, Equipment, and Software</td>
<td>$ 597,631</td>
</tr>
<tr>
<td><strong>Net Property and Equipment</strong></td>
<td><strong>$ 4,884,343</strong></td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td><strong>$ 20,890,964</strong></td>
</tr>
</tbody>
</table>

#### Liabilities and Net Assets

#### Current Liabilities

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts Payable and Accrued Expenses</td>
<td>$ 442,972</td>
</tr>
<tr>
<td>Deferred Revenue from Future Publication Sales</td>
<td></td>
</tr>
<tr>
<td>and Other Income Collected in Advance</td>
<td>$ 657,615</td>
</tr>
<tr>
<td>Amounts Held for Member Societies and Custodial Accounts</td>
<td>$ 91,500</td>
</tr>
<tr>
<td>Amounts Held for Custodial Funds from Managed Meetings</td>
<td>$ 662,095</td>
</tr>
<tr>
<td>Amounts Owed to Employees Under Deferred Compensation Plan</td>
<td>$ 1,140,225</td>
</tr>
<tr>
<td>Accrued Annual Leave</td>
<td>$ 293,064</td>
</tr>
<tr>
<td>Note Payable, NationsBank (Current Portion)</td>
<td></td>
</tr>
<tr>
<td>Economic Development Revenue Bonds</td>
<td>$ 116,004</td>
</tr>
<tr>
<td><strong>Total Current Liabilities</strong></td>
<td><strong>$ 3,403,475</strong></td>
</tr>
</tbody>
</table>

#### Long-Term Debt

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note Payable, NationsBank</td>
<td>$ 1,440,283</td>
</tr>
<tr>
<td>Economic Development Revenue Bonds</td>
<td></td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td><strong>$ 4,843,758</strong></td>
</tr>
</tbody>
</table>

#### Net Assets

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted</td>
<td>$ 15,955,244</td>
</tr>
<tr>
<td>Temporarily Restricted</td>
<td>$ 77,462</td>
</tr>
<tr>
<td>Permanently Restricted</td>
<td>$ 14,500</td>
</tr>
<tr>
<td><strong>Total Net Assets</strong></td>
<td><strong>$ 16,047,206</strong></td>
</tr>
</tbody>
</table>

**Total Liabilities and Net Assets**

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Liabilities and Net Assets</strong></td>
<td><strong>$ 20,890,964</strong></td>
</tr>
</tbody>
</table>
# 1997 Financial Reports

## Statement of Activities
**Year Ending December 31, 1997**

<table>
<thead>
<tr>
<th>Support and Revenue</th>
<th>Unrestricted</th>
<th>Temporarily Restricted</th>
<th>Permanently Restricted</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Society Dues</td>
<td>$454,665</td>
<td>$ -</td>
<td>$ -</td>
<td>$454,665</td>
</tr>
<tr>
<td>Government and Private Support</td>
<td>962,837</td>
<td>-</td>
<td>-</td>
<td>962,837</td>
</tr>
<tr>
<td>Subscriptions</td>
<td>920,253</td>
<td>-</td>
<td>-</td>
<td>920,253</td>
</tr>
<tr>
<td>Single-Issue Sales</td>
<td>277,647</td>
<td>-</td>
<td>-</td>
<td>277,647</td>
</tr>
<tr>
<td>Reprint Sales and Royalties</td>
<td>127,294</td>
<td>-</td>
<td>-</td>
<td>127,294</td>
</tr>
<tr>
<td>Advertising</td>
<td>159,450</td>
<td>-</td>
<td>-</td>
<td>159,450</td>
</tr>
<tr>
<td>Redactory Fees</td>
<td>251,233</td>
<td>-</td>
<td>-</td>
<td>251,233</td>
</tr>
<tr>
<td>Exhibit and Advertising Commissions</td>
<td>395,233</td>
<td>-</td>
<td>-</td>
<td>395,233</td>
</tr>
<tr>
<td>Management Fees</td>
<td>1,051,515</td>
<td>-</td>
<td>-</td>
<td>1,051,515</td>
</tr>
<tr>
<td>Registrations</td>
<td>2,058,382</td>
<td>-</td>
<td>-</td>
<td>2,058,382</td>
</tr>
<tr>
<td>Conference Support and Grants</td>
<td>809,790</td>
<td>76,000</td>
<td>-</td>
<td>885,790</td>
</tr>
<tr>
<td>Employer/Applicant Online Listings</td>
<td>1,760</td>
<td>-</td>
<td>-</td>
<td>1,760</td>
</tr>
<tr>
<td>No Interviews/Resume Fees</td>
<td>15,660</td>
<td>-</td>
<td>-</td>
<td>15,660</td>
</tr>
<tr>
<td>Referrals, Searches, and Outplacement</td>
<td>4,654</td>
<td>-</td>
<td>-</td>
<td>4,654</td>
</tr>
<tr>
<td>Rent</td>
<td>1,145,438</td>
<td>-</td>
<td>-</td>
<td>1,145,438</td>
</tr>
<tr>
<td>Business Service Charges to Custodial Funds</td>
<td>44,435</td>
<td>-</td>
<td>-</td>
<td>44,435</td>
</tr>
<tr>
<td>Printing, Computer, Mailing, &amp; Other Business Services</td>
<td>3,087,066</td>
<td>-</td>
<td>-</td>
<td>3,087,066</td>
</tr>
<tr>
<td>Dividends, Interest, and Capital Gains</td>
<td>967,530</td>
<td>300</td>
<td>-</td>
<td>967,830</td>
</tr>
<tr>
<td>Mailing List Sales</td>
<td>150,748</td>
<td>-</td>
<td>-</td>
<td>150,748</td>
</tr>
<tr>
<td>Other Income</td>
<td>81,987</td>
<td>-</td>
<td>-</td>
<td>81,987</td>
</tr>
<tr>
<td>Net Assets Released from Restrictions</td>
<td>67,015</td>
<td>(67,015)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Support and Revenue</strong></td>
<td>$13,034,592</td>
<td>$ 9,285</td>
<td>$ -</td>
<td>$13,043,877</td>
</tr>
</tbody>
</table>

## Expenses

<table>
<thead>
<tr>
<th>Program Services -</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Affairs</td>
</tr>
<tr>
<td>Scientific Meetings and Conferences</td>
</tr>
<tr>
<td>Publications and Directory</td>
</tr>
<tr>
<td>Career Resources</td>
</tr>
<tr>
<td><strong>Total Program Services</strong></td>
</tr>
</tbody>
</table>

| Supporting Services | $4,537,060 |
| Government and Privately Supported Projects | 962,837 |
| Memorial Fund       | 520 |
| **Total Expenses**  | $11,959,364 |

| Increase in Net Assets from Operations | 1,075,228 |
| Net Unrealized Gains on Investments   | 1,083,763 |
| Increase in Net Assets                | 2,158,991 |
| Net Assets, Beginning of Year         | 13,796,253 |
| Net Assets, End of Year               | $15,955,244 |

| Net Assets, End of Year               | $16,047,206 |
1997 FINANCIAL REPORTS

Continued from Page 17
At the Board meeting in December 1996, 1997 annual dues for Regular Member Societies were set at $10 per Member and a flat fee of $5,000 for Associate Member Societies. Dues paid by the Member Societies to the Federation totaled $454,665 in 1997.

To further its scientific and educational mission and to provide assistance to Societies in the biomedical sciences, the Federation has developed a wide range of support services such as scientific meetings and conferences, career resources, public affairs, marketing, and publication services.

1997 REVENUE AND EXPENSE: CURRENT FUND

REVENUE - $12,071,235

EXPENSE - $10,996,007

FINANCE COMMITTEE
Linda M. McManus, Chair
Dale R. Romos, Treasurer Elect
Franklyn G. Knox
Richard I. Gurnport
Robert E. Stitzel
Steven J. Burakoff
Carl M. Cohen
David W. Deamer
Robert D. Yates
Thomas O. Baldwin
Arnold J. Kahn

[Charts and graphs showing revenue and expense categories]
MEMBER SOCIETIES OF THE FEDERATION

THE AMERICAN PHYSIOLOGICAL SOCIETY - APS

Founded: December 30, 1887
Founding Member of FASEB, 1912
Mission: APS is devoted to fostering scientific research, education, and the dissemination of scientific information. By providing a spectrum of physiological information, the APS strives to play an important role in the progress of science and the advancement of knowledge. Providing current, usable information to the scientific community is the Society's primary focus.
President:
Dr. Allen W. Cowley, Jr.
Medical College of Wisconsin
Milwaukee, WI
Executive Director: Dr. Martin Frank
Membership: 8,270
Publications:
American Journal of Physiology (consol.)
AJP: Cell Physiology
AJP: Endocrinology & Metabolism
AJP: Gastrointestinal and Liver Physiology
AJP: Heart and Circulatory Physiology
AJP: Lung Cellular and Molecular Physiology
AJP: Renal Physiology
AJP: Regulatory, Integrative and Comparative Physiology
AJP: Advances in Physiology Education
Journal of Applied Physiology
Journal of Neurophysiology
Physiological Reviews
News in Physiological Sciences
The Physiologist
APNews
1997 Meetings:
Annual Meeting with Experimental Biology '97 - New Orleans, LA, April 6-9, 1997
APS Conference - Park City, UT, October 29-Nov. 1, 1997

AMERICAN SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY - ASBMB

Founded: December 26, 1906
Founding Member of FASEB, 1912
Mission: The purpose of the Society is the extension and utilization of biochemistry and molecular biology.
President:
Dr. I. Robert Lehman
Stanford University School of Medicine
Stanford, CA
Executive Officer: Charles C. Hancock
Membership: 10,163
Publications:
The Journal of Biological Chemistry (Printed/Online)
JBC Minireview Compendium
ASBMB News - bimonthly
1997 Meetings:
Fall Symposium - Lake Tahoe, CA,
Annual Meeting - San Francisco, August 24-29, 1997

AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS - ASPET

Founded: December 28, 1908
Founding Member of FASEB, 1912
Mission: The Society's purpose is to promote pharmacological knowledge and its application and to conduct research pertaining thereto.
President:
Dr. Sue Piper Duckles
Associate Dean
University of California College of Medicine
Department of Pharmacology, Med Surg II, 356 Irvine, CA 92697-4625
Executive Officer: Dr. Christine K. Carrico
Membership: 4,036
Publications:
The Pharmacologist - quarterly
Journal of Pharmacology and Experimental Therapeutics
Pharmacological Reviews - quarterly
Molecular Pharmacology
Clinical Pharmacology and Therapeutics
Drug Metabolism and Disposition
1997 Meeting:
Pharmacology '97 - San Diego, CA, March 7-11, 1997
MEMBER SOCIETIES OF THE FEDERATION

AMERICAN SOCIETY FOR INVESTIGATIVE PATHOLOGY - ASIP

Founded: December, 1900
Joined FASEB: 1913
ASIP is a society of biomedical scientists who investigate mechanisms of disease. Investigative pathology is an integrative discipline that links the presentation of disease in the whole organism to its fundamental cellular and molecular mechanisms. It uses a variety of structural, functional and genetic techniques and ultimately applies research findings to the diagnosis and treatment of diseases. ASIP advocates for the practice of investigative pathology and fosters the professional career development and education of its members.
President: Harold F. Dvorak, M.D.
Beth Israel Deaconess Medical Center
Boston, MA
Executive Officer: Frances A. Pitlick, Ph. D.
Membership: 1,832
Publications:
The American Journal of Pathology - monthly
ASIP Newsletter - bimonthly
1997 Meeting:
Annual Meeting with Experimental Biology '97 - New Orleans, LA, April 6-9, 1997

AMERICAN SOCIETY FOR NUTRITIONAL SCIENCES - ASNS

Founded: September 27, 1928
Joined FASEB: 1940
Mission: The American Society for Nutritional Sciences is the premier research society dedicated to improving the quality of life through the science of nutrition. We do this by: fostering and enhancing research in animal and human nutrition; providing our members opportunities for sharing, disseminating, and archiving peer-reviewed research results; fostering quality education and training in nutrition; upholding standards for ethical behavior in research, the protection of human subjects, and the care and treatment of research animals; providing opportunities for fellowship and support among nutritionists; bringing knowledge to bear on nutrition issues through communication and influence in the public domain.
President: Dr. Robert B. Rucker
University of California - Davis
Davis, CA
Executive Officer: Dr. Richard Allison
Membership: 3,474
Publications:
Journal of Nutrition - monthly
Nutrition Notes - quarterly
1997 Meeting:
Annual Meeting with Experimental Biology '97 - New Orleans, LA, April 6-9, 1997

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS - AAI

Founded: June 19, 1913
Joined FASEB: 1942
The AAI is an association of professionally trained scientists dedicated to advancing the knowledge of immunology and its related disciplines, fostering the interchanges of ideas and information among investigators, and addressing the potential integration of immunologic principles into clinical practice. AAI serves its members by providing a center for the dissemination of information relevant to the field and its practices such as educational and professional opportunities, scientific meetings, membership derived issues and opinions, and important social and political issues.
President: Charles A. Janeway, Jr., M.D.
Yale University
New Haven, CT
Executive Director: M. Michele Hogan, Ph.D.
Membership: 5,300
Publications:
Journal of Immunology
AAI Newsletter
AAI home page
1997 Meeting:
Annual Meeting with The American Academy of Allergy, Asthma and Immunology and the Clinical Immunology Society - San Francisco, CA, February 21-26, 1997

THE AMERICAN SOCIETY FOR CELL BIOLOGY - ASCB

Founded: January 9, 1960
Joined FASEB: 1991
The purpose of the Society is to promote and develop the field of cell biology.
President: Dr. Mina J. Bissell
Lawrence Berkeley National Laboratory
Executive Director: Elizabeth Marincola
Membership: 9,800
Publications:
Molecular Biology of the Cell
ASCB Newsletter
1997 Meetings:
ASCB/EMBO Meeting on Spindle Pole Bodies- Santa Cruz, CA, August 23-27, 1997
MEMBER SOCIETIES OF THE FEDERATION

BIOPHYSICAL SOCIETY

Founded: February 5, 1958
Joined FASEB: 1992
The purpose of the Biophysical Society is to encourage development and dissemination of knowledge in biophysics.

President: Dr. Clare K. Woodward
University of Minnesota
St. Paul, Minnesota
Executive Director: Rosalba Kampman
Membership: 5,179
Publications:
Biophysical Journal - monthly
Biophysical Society Newsletter - annual

1997 Meeting:
Biophysical Society - New Orleans, LA, March 2-6, 1997

AMERICAN ASSOCIATION OF ANATOMISTS - AAA

Founded: September 17, 1888
Joined FASEB: 1993
The purpose of the Association shall be the advancement of anatomical science.

President: Dr. Bruce Carlson, MD, PhD
Professor and Chair
Department of Anatomy and Cell Biology
University of Michigan School of Medicine
Ann Arbor, MI 48109
Executive Director: James L. Olds, Ph.D.
Membership: 2,461
Publications:
Developmental Dynamics
The Anatomical Record
AAA Newsletter
The New Anatomist

1997 Meeting:
Annual Meeting with Experimental Biology '97 - New Orleans, LA, April 6-9, 1997

THE PROTEIN SOCIETY - PS

Founded: February 11, 1986
Joined FASEB: September 1, 1995
The purpose of the Society is to provide a forum to facilitate communication, cooperation and collaboration with respect to all aspects of the study of proteins. In order to carry out this purpose, the Society shall sponsor symposia useful to those engaged in the study of proteins and to be attended by both its members and other individuals engaged in similar endeavors. The Society awards several prizes in the area of protein science.

President: Dr. Robert T. Sauer
Massachusetts Institute of Technology
Cambridge, MA
Executive Officer: Dr. Robert Newburgh
Membership: 3,200
Publications:
Protein Science - monthly
Newsletter (in the journal)

1997 Meeting:
12th Symposium - Boston, MA, July 12-16, 1997

THE AMERICAN SOCIETY FOR BONE AND MINERAL RESEARCH - ASBMR

Founded: 1977
Joined FASEB: 1997
The ASBMR is the premier scientific society composed of individuals actively involved in clinical and basic aspects of bone and mineral metabolism. The mission of the ASBMR is to advance the field of bone and mineral metabolism by fostering research and by disseminating scientific information through an annual scientific meeting and a monthly peer-reviewed journal, the Journal of Bone and Mineral Research. To meet this purpose, the ASBMR focuses on: (1) dedication to the advancement of fundamental knowledge and primary care in the field of bone and mineral metabolism; (2) communication among experimental and clinical scientists and the exchange of state-of-the-art information; (3) cooperation with other related societies in seeking federal funds and other support for clinical and basic research studies; and (4) commitment to the future by providing support for young scientists and fellows.

President: Gregory R. Mundy, M.D.
Division of Endocrinology & Metabolism
University of Texas Health Science Center at San Antonio
7703 Floyd Curl Drive, San Antonio, TX 78284-7877
Executive Director: Julia A. Janko
Membership: 3,037
Publications:
Journal of Bone and Mineral Research
Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism

1997 Meeting:
19th Annual Meeting of the ASBMR - Cincinnati, Ohio, September 10-14, 1997
ASSOCIATE MEMBER SOCIETIES OF THE FEDERATION

SOCIETY FOR DEVELOPMENTAL BIOLOGY - SDB

Founded: 1939
Associate Member of FASEB: 1996
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: Matthew P. Scott, Ph.D., 1997-1998
Dept. of Developmental Biology
Stanford Univ. School of Medicine
Beckman Center B-371
Stanford, CA 94305
Executive Officer: Ida Chow, Ph.D.
Membership: 2,026
Publications:
SDB Newsletter - quarterly
Developmental Biology - biweekly
1997 Meeting:
56th SDB Annual Meeting/13th International Congress of Developmental Biology - Snowbird, Utah, July 5-10, 1997

AMERICAN PEPTIDE SOCIETY - APepS

Founded: March 9, 1990
Associate Member of FASEB: 1996
The purpose of the Society are to advance and promote the knowledge of the chemistry and biology of peptides and proteins.
President: Dr. Robert S. Hodges
Protein Engineering Network of Centres of Excellence
713 Heritage Medical Research Centre
University of Alberta, Edmonton
Alberta, Canada T6G 2S2
Membership: 1,117
Publications:
The Journal of Peptide Research
Peptide Science
1997 Meeting:

ASSOCIATION OF BIOMOLECULAR RESOURCE FACILITIES - ABRF

Founded: 1988
Associate Member of FASEB: 1997
The mission of the Society is to promote and support resource facilities, research laboratories, and individual researchers regarding operation, research, and development in the areas of methods, techniques, and instrumentation relevant to the analysis and synthesis of biomolecules; to provide mechanisms for the self-evaluation and improvement of procedural and research laboratories; and to provide a mechanism for the education of resource facility and research laboratory staff, users, administrators, and interested members of the scientific community.
President: Ruth Hogue Angeletti, Ph.D., 1997-1998
Albert Einstein College of Medicine
1300 Morris Park Avenue
Bronx, NY 10461
Membership: 850
Publications:
ABRF News - quarterly
Journal of Biomolecular Techniques, an electronic journal
1997 Meeting:
Techniques at the Genome/Proteome Interface - Baltimore, MD, February 9-12, 1997
FASEB WWW SITE DIRECTORY
http://www.faseb.org

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Career Resources ............................................. http://www.faseb.org/careers
FASEB Member Societies .................................... http://www.faseb.org/societies.html
APS ......................................................... http://www.faseb.org/aps/
ASBMB ....................................................... http://www.faseb.org/asbmb/
ASPET ......................................................... http://www.faseb.org/aspet/
ASIP .......................................................... http://asip.uthscsa.edu/
ASNS .......................................................... http://www.faseb.org/asns/
AAI .......................................................... http://www.scienceXchange.com/aai/
ASCB .......................................................... http://www.faseb.org/ascb/
Biophysical Society ........................................ http://www.biophysics.org/biophys/society/biohome.htm
AAA .......................................................... http://www.faseb.org/anatomy/
PS .......................................................... http://www.faseb.org/protein/
ASBMR ..................................................... http://www.asbrmr.org
SDB .......................................................... http://sdb.bio.purdue.edu/
APePS ...................................................... http://www.chem.umn.edu/orgs/ampepsoc/