The Federation of American Societies for Experimental Biology, FASEB, was founded in 1912. It is incorporated in the District of Columbia as a non-profit scientific society assigned to enhance the exchange of scientific knowledge in experimental biology, to disseminate information through scientific publications and meetings, to promote the professional education and training of potential scientists, and to represent the common scientific and educational interests of member societies. These purposes are designed to aid the development and utilization of science for the benefit and welfare of the nation. The Federation incorporates into a single operating agency functions of its member Societies which can best be done jointly. It is designed to advance scientific rationale at all levels in the field of experimental biology.

Officers, 1979-80
President: Gerald F. Combs
Vice President: Irwin H. Lepow
Secretary: Robert W. Krauss
Treasurer: John R. Brobeck

Officers, 1980-81
President: Irwin H. Lepow
Vice President: Earl H. Wood
Secretary: Robert W. Krauss
Treasurer: Lowell P. Hager

Headquarters Administration
Executive Director: Robert W. Krauss
Comptroller: John R. Rice

BOARD OF DIRECTORS

FEDERATION BOARD
July 1, 1979 — June 30, 1980

G.F. COMBS, Chairman
D. F. BOHR, ERNST KNOBIL, E. H. WOOD
The American Physiological Society
MILDRED COHN, F. M. RICHARDS, A. B. PARDEE
American Society of Biological Chemists
B. N. LA DU, JR., SYDNEY SPECTOR, K. F. KILLAM
American Society for Pharmacology and Experimental Therapeutics
P. A. WARD, F. F. BECKER, D. G. SCARPELLI
American Association of Pathologists
G. F. COMBS, H. N. MUNRO, DAVID KRITCHEVSKY
American Institute of Nutrition
D. W. TALMAGE, I. H. LEPOW, D. B. AMOS
The American Association of Immunologists
G. B. PIERCE, Past President

FEDERATION BOARD
July 1, 1980 — June 30, 1981

I. H. LEPOW, Chairman
ERNST KNOBIL, E. H. WOOD, F. J. HADDY
The American Physiological Society
F. M. RICHARDS, A. B. PARDEE, M. J. OSBORN
American Society of Biological Chemists
SYDNEY SPECTOR, K. F. KILLAM, W. W. FLEMING
American Society for Pharmacology and Experimental Therapeutics
F. F. BECKER, D. G. SCARPELLI
American Association of Pathologists
B. L. O'DELL, DAVID KRITCHEVSKY
American Institute of Nutrition
I. H. LEPOW, D. B. AMOS, H. O. McDEVITT
The American Association of Immunologists
G. F. COMBS, Past President
R. W. KRAUSS, Secretary
L. P. HAGER, Treasurer
During the early part of 1980 a number of events significantly improved the prospects of the Federation for the years ahead. The Federation had been struggling to achieve a new identity and to develop a perspective for its development in the 1980's. Although there has been a distinguished past for the Federation, the exact way in which it should move in the future was obscure. Consequently, a special long range planning and review session involving the Board, the staff, and key Council members from each constituent Society, was scheduled at Williamsburg in the early Spring of 1980. The Williamsburg Retreat has been described earlier in Federation Proceedings but I must reiterate that it had a profound effect on the future of the Federation. All aspects of the organization were discussed candidly and frankly, and a general consensus for the future was achieved. The Constitution and Charter were reviewed and the mandate to promote the professional development and effectiveness of scientists in the field of experimental biology was reemphasized. The purpose of aiding the development and utilization of our country's scientific resources for the benefit and welfare of our people was reaffirmed. A consensus was achieved concerning the needs for future space for the Federation, for crucial functions and activities of the organization, and for a sound financial structure.

The Retreat arrived at agreements about the character of the Federation and sketched strong guidelines for its direction. However, the adoption of a new Constitution and Bylaws just before the Retreat had set the stage for a new unity of the Societies within the Federation. By abolishing the veto, a more democratic procedure for determining Federation affairs was established. The new Constitution now makes possible the addition of new societies to the Federation's roster.

The year 1980 has begun auspiciously. A new feeling of unity based on the scientific heritage of the Federation and its secure home on the Beaumont campus provides a basis for an expanding role for our organization. The future is a challenge that the Federation is well equipped to meet.

Gerald F. Combs, President 1979-80

In the Fall of 1980, the Federation accepted the challenge laid down by previous Officers and the Board. The task of forging the Federation into an increasingly useful instrument of experimental biology is not small. The Federation has now embarked on a plan to improve scientific communication and is addressing the questions of how best to grow.

Three segments of the scientific communication issue have been examined—the structure of our Journal, Federation Proceedings; the nature of the Annual Meetings; and the logic for small, intimate conferences to exchange information at the cutting edge of science.

I am pleased to report that all have received positive action.

1. As a result of a Workshop attended by representatives of all the Societies, Federation Proceedings is moving toward a new structure and format. It will provide more balance and quality in its presentations.

2. A Thematic Meetings Committee has modified the scientific meetings for which the Federation has earned great respect. The meeting in April of 1981 in Atlanta will be the first Thematic Meeting oriented toward several major issues in biology and medicine. Measured by the number of abstracts received, it is apparent that themes have proved to be attractive and will provide continuity and coherence to the traditional Annual Meeting. The Meetings Committee, is planning for additional improvement in the meeting format and structure.

3. The Board has approved an experiment in intimate, scientific communication. A FASEB Summer Research Conference series will be held for the first time during June, July and August of 1982 conducted by experts who are eager to exchange the latest information at the boundaries of science.

The Federation is now approaching decisions concerning its growth. It finds itself crowded on the Beaumont campus with more space requirements than can comfortably be met in the present buildings. It is also addressing the opportunity to add new societies to the Federation roster. In the coming months we will address the qualifications and types of new societal members that may be compatible with the aims of the Federation and which can add to its strength and efficiency. It seems certain that the Federation will accelerate in growth beyond the several thousand new members which the current Societies already are adding annually.

The years ahead promise a quickening in the pulse of experimental biology which the Federation itself must match.

Irwin H. Lepow, President 1960-81
HIGHLIGHT OF FEDERATION ACTIVITIES FOR 1980

INTRODUCTION

At the beginning of the decade of the 1980's the Federation of American Societies for Experimental Biology finds itself in an enviable position. It is financially sound, structurally improved, and philosophically dedicated to the enhancement of experimental biology and the scientific resources of its members and of the nation. The heritage of those who fabricated and strengthened the Federation for almost 70 years is priceless and provides a continuity of purpose that is unsurpassed by any other biological society in the United States. The Federation is the instrument of the six Societies of which it is currently structured, and of their 20,000 members throughout the United States and abroad. There is no area of scientific concern to the Federation which finds itself in an enviable position.

INTRODUCTION

As a Federation of free scientific societies, it is in a position to do for science many of the things which budget restraints and legal restrictions prevent the Federal Government from accomplishing. It will be the ingenuity of the membership of the organization and the wisdom of the governing board which will determine the goals and the directions of the Federation in the future, and which will determine those of the activities reported for 1980 that will be enhanced and developed in the future service of biologists. The sections of the Report which follow address the activities of the major components of the Federation. The reader should keep in mind that there is integration and communication between each of the divisions. The Federation, although it is made up of the sum of its parts, operates as a whole. Its policies and programs are unified and aimed at the major goal of scientific communication and enhancement of experimental biology.

GOVERNING BOARD

Control of Federation affairs is vested in the Federation Board. Each member Society has membership on the Board according to the following distribution: up to 1,000 Society members, one Board member; 1,000 to 3,000, two Board members; over 3,000, three Board members. The Chairman of the Federation Board is furnished for a one-year term from July 1 through June 30 of the following year by each Society in its turn as determined by the order of affiliation with the Federation. In 1980 the Federation Board met officially twice, on April 13th and on November 25th. It also was present in its entirety at the Retreat in Williamsburg from February 25 to March 1, in concert with the senior staff of the Federation, members from each of the constituent Society Councils, and key committee chairmen. The major activities of the Board this past year dealt with: 1) participation in the Williamsburg Retreat for long range planning; 2) the ratification of the new Constitution and Bylaws; 3) the adoption of the Thematic Meeting approach; 4) the establishment of the FASEB Summer Research Conferences; and 5) the acceptance of recommendations for modified content of FEDERATION PROCEEDINGS. The Board is represented during periods when it is not in session by an Executive Committee, and by the Executive Director, who take such actions as are consistent with the policies established by the Board. During 1980 the Federation Board also reviewed the activities of the departments of the Federation which were delineated in the budget proposals, and approved its operating budget for 1981.
FINANCES

Advice and guidance to the Executive Director and to the Governing Board is provided by the Comptroller and the Finance Committee. The responsibilities of the Finance Committee are to review the budget and to make detailed recommendations concerning its structure and content, and to propose a satisfactory schedule of expenditures and anticipated revenues to the Board for its examination and adoption. The development of the budget each year is achieved after a careful review of each departmental request within the Federation by the Executive Director and the Comptroller, Mr. John Rice. The budget is geared to achieve the objectives of the Federation as provided by the actions of the Federation Board and is designed to effect these policies of the Board at a minimum cost commensurate with sound business practices and the legal requirements of the operation of a non-profit corporation.

A resume of the budget of the Federation is given in Table 1. It demonstrates by activity the revenue and expenses of the Federation. A point that should be of interest is that the revenues and expenses of the Federation can be divided among 13 major activities with the magnitude no higher than 20% for any one. The largest source of income is the Annual Meeting, as are the expenses the largest for this activity. Note, also, that combined Government contracts and private contracts account for 26.6% of fully one-quarter of the Federation’s operating revenue.

### Table 1

<table>
<thead>
<tr>
<th>REVENUE - 1980</th>
<th>Amount</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federation Proceedings</td>
<td>$714,218</td>
<td>15.2</td>
</tr>
<tr>
<td>Annual Meeting</td>
<td>980,127</td>
<td>20.9</td>
</tr>
<tr>
<td>Placement Service</td>
<td>94,608</td>
<td>2.0</td>
</tr>
<tr>
<td>Membership Directory</td>
<td>104,221</td>
<td>2.2</td>
</tr>
<tr>
<td>Public Affairs</td>
<td>160,503</td>
<td>3.4</td>
</tr>
<tr>
<td>Buildings &amp; Grounds</td>
<td>227,737</td>
<td>4.8</td>
</tr>
<tr>
<td>Print Shop</td>
<td>459,551</td>
<td>9.8</td>
</tr>
<tr>
<td>Data Processing</td>
<td>207,093</td>
<td>4.4</td>
</tr>
<tr>
<td>Business Service Activities</td>
<td>211,834</td>
<td>4.5</td>
</tr>
<tr>
<td>Government Contracts</td>
<td>764,243</td>
<td>16.3</td>
</tr>
<tr>
<td>Private Contracts</td>
<td>486,078</td>
<td>10.3</td>
</tr>
<tr>
<td>Biological Handbooks</td>
<td>125,187</td>
<td>2.7</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>162,855</td>
<td>3.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,698,255</strong></td>
<td><strong>100.0</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXPENSE - 1980</th>
<th>Amount</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federation Proceedings</td>
<td>$535,662</td>
<td>11.4</td>
</tr>
<tr>
<td>Annual Meeting</td>
<td>812,661</td>
<td>17.3</td>
</tr>
<tr>
<td>Placement Service</td>
<td>71,360</td>
<td>1.5</td>
</tr>
<tr>
<td>Membership Directory</td>
<td>79,751</td>
<td>1.7</td>
</tr>
<tr>
<td>Public Affairs</td>
<td>121,706</td>
<td>2.6</td>
</tr>
<tr>
<td>Buildings &amp; Grounds</td>
<td>391,727</td>
<td>8.3</td>
</tr>
<tr>
<td>Print Shop</td>
<td>407,864</td>
<td>8.7</td>
</tr>
<tr>
<td>Data Processing</td>
<td>278,431</td>
<td>5.9</td>
</tr>
<tr>
<td>Business Service Activities</td>
<td>479,360</td>
<td>10.2</td>
</tr>
<tr>
<td>Government Contracts</td>
<td>596,197</td>
<td>12.7</td>
</tr>
<tr>
<td>Private Contracts</td>
<td>393,093</td>
<td>8.4</td>
</tr>
<tr>
<td>Biological Handbooks</td>
<td>144,170</td>
<td>3.1</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>386,073</td>
<td>8.2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,698,255</strong></td>
<td><strong>100.00</strong></td>
</tr>
</tbody>
</table>

A more convenient and perhaps more comprehensible way of examining the revenue and expense statement is to examine the revenue and expenses as divided by category. Figures 1 & 2 show the major sources of revenue and expenditures by category. The Federation operates a budget of nearly $5 million with contributions from the Society assessments which are less than $500,000. The Federation, for every dollar of cost to each member, operates ten dollars’ worth of programs in the interest of biological science.
The Federation owns, mortgage-free, its physical plant located at 9650 Rockville Pike, Bethesda, Maryland, close to the National Institutes of Health, the U.S. Naval Medical Center, and the Uniformed Services University of the Health Sciences, and the National Library of Medicine. It is also close to the seat of the Federal Government in Washington, D.C.

The auditing firm of Arthur Andersen & Co. has audited the financial statements of the Federation, and has found them in order by acceptable accounting procedures. Table 2 gives the balance sheet accompanied by the auditor’s statement of opinion.

During 1980 major changes were made in the management of the Federation Print Shop, Buildings and Grounds, and in Computer Services. Steps have been taken to ensure that revenues to the Federation for the services it renders are brought more into balance with expenditures. The changes that have taken place during the last year in management of Federation financial affairs led to an expectation of much reduced cost for members of each Society during 1981.
### TABLE 2

**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY**

**BALANCE SHEET**

**DECEMBER 31, 1980**

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>Current Fund</th>
<th>Biological Handbooks</th>
<th>Restricted Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CURRENT ASSETS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash</td>
<td>$33,188</td>
<td>$33,188</td>
<td>$ -</td>
</tr>
<tr>
<td>Time Certificates of Deposit and Savings Account</td>
<td>34,254</td>
<td>29,754</td>
<td>-</td>
</tr>
<tr>
<td>Inventory of Handbooks</td>
<td>190,096</td>
<td>-</td>
<td>190,096</td>
</tr>
<tr>
<td>Receivables:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Contracts and Grants</td>
<td>180,402</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Interfund Receivables (Payables)</td>
<td>397,407</td>
<td>(296,541)</td>
<td>(100,866)</td>
</tr>
<tr>
<td>Other</td>
<td>164,886</td>
<td>98,546</td>
<td>-</td>
</tr>
<tr>
<td>Supplies, Prepaid Annual Meeting and Other Expenses</td>
<td>201,117</td>
<td>197,152</td>
<td>-</td>
</tr>
<tr>
<td><strong>INVESTMENTS:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stocks and Bonds, at Cost</td>
<td>$694,333</td>
<td>$694,333</td>
<td>-</td>
</tr>
<tr>
<td><strong>PROPERTY AND EQUIPMENT, at Cost:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land, Buildings and Improvements (Net of Accumulated Depreciation of $835,266)</td>
<td>$976,826</td>
<td>$976,826</td>
<td>-</td>
</tr>
<tr>
<td>Furniture and Equipment (Net of Accumulated Depreciation of $398,872)</td>
<td>337,718</td>
<td>337,718</td>
<td>-</td>
</tr>
<tr>
<td><strong>LIABILITIES AND FUND BALANCE:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CURRENT LIABILITIES:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts Payable and Accrued Expenses</td>
<td>$128,947</td>
<td>$124,700</td>
<td>-</td>
</tr>
<tr>
<td>Future Publication Sales, Placement Service and Annual Meeting Income Collected in 1980</td>
<td>437,702</td>
<td>437,702</td>
<td>-</td>
</tr>
<tr>
<td>Amount Owed to Member Societies and Others</td>
<td>159,462</td>
<td>159,462</td>
<td>-</td>
</tr>
<tr>
<td>Restricted Fund Balances Owed to Government Agencies and Others</td>
<td>147,094</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>FUND BALANCE:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fund Balance, December 31, 1979</td>
<td>$2,016,960</td>
<td>$2,071,095</td>
<td>(154,135)</td>
</tr>
<tr>
<td>Excess of Expenses Over Revenue</td>
<td>(77,345)</td>
<td>(25,035)</td>
<td>(52,310)</td>
</tr>
<tr>
<td>Fund Balance, December 31, 1980</td>
<td>$1,939,615</td>
<td>$2,046,060</td>
<td>(106,445)</td>
</tr>
<tr>
<td><strong>Total Current Fund</strong></td>
<td>$2,812,820</td>
<td>$2,764,924</td>
<td>(106,445)</td>
</tr>
</tbody>
</table>

To the Federation Board of
Federation of American Societies
for Experimental Biology:

We have examined the balance sheet of FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY (a District of Columbia corporation, not for profit) as of December 31, 1980, and the related statements of revenue and expense, and changes in financial position for the year then ended. Our examination was made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the financial statements referred to above present fairly the financial position of Federation of American Societies for Experimental Biology as of December 31, 1980, and the results of its operations and the changes in its financial position for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

ARTHUR ANDERSEN & CO.
February 27, 1981.
MEMBERSHIP AND PERSONNEL

Some perspectives concerning the current status of the Federation can be developed from Figure 3 which shows the increase in the membership of the Societies served by the Federation during the past five years. Society membership has increased by 27%. During this period of increase, which adds work to the staff, the number of employees has been reduced by 2%. FASEB revenues plotted with numbers of employees for the last five years are in Figure 4.

During the 5-year period in which the Consumer Price Index has increased by 55.6%, the total increase in salary and wages for Federation employees has increased by 37%, with the lowest increase in many years, 3.9%, effected during 1980. Fiscal restraint has made it possible for the Federation to increase its services and maintain its programs at a minimal cost. Plans are continuing for increasing the efficiency during 1981. With one-third of the staff holding college degrees and 10% carrying either the M.D. or Ph.D., the Federation is equipped with a superb work force capable of the highest quality of performance.

The Federation revised its salary administration program in the fall of 1979 for salary adjustments becoming effective January 1, 1980. The purposes of the plan were to 1) establish grade categories based on an objective system of job analysis, 2) provide major department heads with maximum latitude in the administration of salaries, and 3) establish a system whereby salary adjustments are based on merit. This plan is now in its second cycle and appears to be well accepted following minor modifications as a result of suggestions made by Senior Staff. As part of the revision of the Salary Administration program, the Performance Evaluation process was also revised this past fall, the main purpose of which was to provide the means to improve the objectivity in evaluating individual accomplishments resulting in a more meaningful merit system.
The Office of Business Services provides logistic support to the activities of the Federation and of the constituent Societies. The Office is responsible for the activities of 40 technically-trained persons responsible for the following areas: Buildings and Grounds Maintenance; Housekeeping; Data Processing; Publication Sales; Subscription and Dues Processing; Mailing and Addressing; Purchasing; Print Shop; Advertising and Promotions.

Buildings and Grounds

For the major part of 1980 two staff vacancies were held open, resulting in a reduction in salary expense for the year. Through frequent reviews of work in progress and projected work for the Department, all major painting and preventative maintenance was completed, as were several staff renovation projects, funded construction work, and several major contracted tasks, such as replacement of two furnaces and air conditioners, and reroofing and waterproofing.

Computer Services

Significant changes have occurred during the past year. The existing computer contract terminated and the computer was removed; a new computer, The Galaxy 5, provided by Digital Systems, Inc., was installed, data was transferred, and the new system was made fully operational; The Data Processing operations were integrated with the several staff members who are concerned with the processing of publication sales, membership dues and journal subscriptions.

The Data Processing section in past years was incapable of providing the needed services with the available equipment. By January 1980 not only was a new computer purchased, but a reorganization created a Computer Services Department with a new and experienced manager. By June, potentially difficult contractual issues with the previous computer firm were resolved, a new software system was selected after an exhaustive search, and the conversion of data to the new system was begun.

By December, conversion was successfully completed, all membership and subscription activities were transferred and expanded and new programs involving Abstracts processing and statistics were in place. All Society offices and one tenant society had installed terminals for a total of 18 compared with only two Societies employing terminals on the previous system. Progress is being made toward an accounting and word processing capability. A professional controlled-climate computer room has been completed to minimize downtime.

The cost of terminal use for Societies has been cut from $180/month to $100/month on the new system. At the same time, a wide variety of new services has been offered. However, the net operational cost of computer services for the year was approximately $25,000 below budget and the new computer is expected to meet its amortization ahead of schedule.

Mailing and Addressing/Purchasing

The volume of bulk mail processed in-house increased in 1980 by 80% over that in 1978. During 1979-80, the total pieces processed increased by more than 50%. In spite of this increase, by reorganizing Mailing and Addressing into one unit with Purchasing under a common supervisor, the units completed the year on budget.

Staff changes included elimination of the separate Purchasing Agent position and replacement of both the Purchasing and Mailing clerks. The Mail Room was remodeled to improve security, and a larger customer service area was created.

Print Shop

At the time the 1980 budget was being developed, several meetings were held with the Print Shop Manager to identify the causes for the 1978 deficit and to ensure that further deficits did not occur. Shortly thereafter, the 1979 income statement became available, showing a net profit for the Department of about $4,000 for that year. For 1980, preliminary financial statements indicate a net profit of $25,000. The factors which led to that result included a number of cuts in expenses, as well as active promotion of new business. Savings resulted from the decision in the Summer of 1980 to leave open a vacancy for a printing clerk. Other savings accrued from purchase of paper supplies in larger quantities at significant discount. Increased income resulted from very active composition work, as well as increased impressions for 1980 on every press. The carryover deficit from the Print Shop operation has been eliminated.

For the first time during 1980, the composition machine was driven directly from data stored in our computer. For the American Physiological Society World Directory, as well as two other directories, data was manipulated by programs, then converted to discs which produced final page galleys without further operator intervention.

For 1981, this coordination between the computer and composition capability will be extended to provide more effective use of our composition equipment.
Advertising, Promotion and Other Functions

Ads for FEDERATION PROCEEDINGS are coordinated in this office with the Steven K. Hertlitz, Inc. and with the Publications Department. Billing information is prepared for the Accounting Department. No significant change is expected in these activities in the next year. For 1980, an unfortunate change was a continued decline in advertising revenue. Promotion activities have included direct mail sales of publications as well as coordination of membership dues and subscription renewals.

Rental of the FEDERATION PROCEEDINGS mailing list were increased last year as the result of a promotion sent to advertisers and other former list renters. One element of this activity was general agreement in January of 1980 by the FASEB Societies of an income-sharing agreement which made the promotion feasible. In April of 1980 the foreign book sales agreement with Wiley International was terminated. Sales figures were not satisfactory and the prevailing discount reduced our revenue per copy below acceptable levels. Foreign book promotions are being made directly through this office.

FASEB contracted for the first time in 1980 with the National Library of Medicine to publish and distribute a series of Annotated Bibliographies in Toxicology.

SCIENTIFIC MEETINGS

The first FASEB Annual Meeting was held in Philadelphia in 1934. Since then a meeting has been held annually with the exception of 1926 and during the war years 1943, 1944 and 1945. In addition to the FASEB Annual Meetings, the Office of Scientific Meetings manages the meetings of individual constituent Societies and a growing number of meetings sponsored by nonmember organizations with interests allied to those of FASEB.

The Placement Service, operating under the auspices of the Office of Scientific Meetings, acts as a clearinghouse for information between employers and individuals seeking positions in the disciplines represented by the Federation Societies. The Placement Office provides a monthly Employment Opportunities section for FEDERATION PROCEEDINGS and on-site interviewing facilities for the FASEB and ASBC meetings, and also manages interviewing facilities for meetings of several other non-FASEB societies.

Five FASEB Societies and five guest societies participated in the 64th FASEB Annual Meeting, April 13-18, 1980, in Anaheim, California, attended by 3,354 members, 3,746 nonmembers and 1,861 students. Over 4,500 abstracts were programmed in 165 oral paper sessions and 170 poster sessions. One hundred nineteen symposia, minisymposia and special sessions were also scheduled. Additionally, arrangements were made for 215 ancillary meetings, meal or social functions. The Placement Service provided assistance to 229 employers (479 positions) and 519 candidates, with 1,958 scheduled interviews. There were 514 exhibit booths representing 305 companies and 16 institutions.

The OSM staff devoted a major part of the year to working with the FASEB Program Committee and the Meetings Committee (staffing the six committee meetings held during 1980, preparing the Minutes, and developing the Call for Papers and informational materials) and to completing the physical arrangements for housing, meeting rooms, registration, offices, meal and social functions, projection, furniture and equipment, personnel, signs and buses.

The Office of Scientific Meetings provided logistical assistance for the FASEB Retreat held in Williamsburg, Virginia, February 27-March 1, 1980, and provided full meeting management for the 7th Symposium on Underwater Physiology in Athens, Greece, July 6-10 (300 in attendance); the APS Fall Meeting, Toronto, October 12-19 (1,540 in attendance); and the Society for Neuroscience Annual Meeting in Cincinnati, November 9-14 (5,820 in attendance).

A year-round Placement Service operation is provided for the Endocrine Society, with monthly Employment Opportunities sections carried in the journals of Endocrinology and Clinical Endocrinology and Metabolism, and on-site services were provided for the American Society of Biological Chemists, the Endocrine Society, the Society for Neuroscience and the American Society for Anesthesiologists Annual Meetings.

Site consultation and booking services were provided for the Society of Clinical Trials, the American Society for Cell Biology, and the American Society of Biological Chemists.

The Office of Scientific Meetings is prepared to respond to requests of scientific societies with objectives similar to those of FASEB for management of meetings. FASEB has agreed to manage the International Congress on Clinical Pharmacology and Therapeutics in 1983, and the Pan American Congress of Rheumatology in 1982.
The publications of the Federation are under the aegis of the Publications Committee and are produced in a department which is responsible for the total effort—the Journal, **FEDERATION PROCEEDINGS**, contractual redactory services, the preparation of abstracts, special publications, the **Directory of Members**, and the Meeting programs.

Though undergoing a period of change, **FEDERATION PROCEEDINGS** continued in 1980 to carry symposiums from FASEB and other meetings, including the first minisymposium summary articles, which represent a method of obtaining fairly rapid publication of short articles designed to report progress in a given field. **FP** published the abstracts for the FASEB Annual Meeting and the American Society of Biological Chemists/Biophysical Society annual meeting. The total number of such abstracts for the year came to 8,146—a record. A statistical summary for 1980 is found in Table 4.

At the suggestion of the Editorial Board and the Publications Committee, and with the approval of the Federation Board, a Workshop on the Future of **FP** was held October 8-9 at Federation headquarters. It was attended by the Editorial Board, the Publications Committee and representatives from all constituent Societies. The Workshop report appeared in the January 1981 issue of **FEDERATION PROCEEDINGS**. A consensus concerning changes in the Journal was achieved and new directions leading to a more balanced treatment of each of the Societal disciplines has been charted.

By contract, the Department carried out redactory services for the **Journal of Lipid Research** and for **Multiple Sclerosis Indicative Abstract**s. Both journals appeared as scheduled with an increasing number of issues planned for the **Journal of Lipid Research** in 1981. Publication services for the Society for Neuroscience included preparation of the Annual Meeting program and the abstracts volume.

### TABLE 4

The Society of Origin, Number of Papers, Total Pages and Length of Papers Published in **FEDERATION PROCEEDINGS**, Vol. 39, 1980

<table>
<thead>
<tr>
<th>Society of Origin</th>
<th>Symposia</th>
<th>Papers</th>
<th>Pages</th>
<th>Pages/Paper</th>
<th>Pages/Symposium</th>
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<tbody>
<tr>
<td>APS</td>
<td>17</td>
<td>123</td>
<td>661</td>
<td>5.4</td>
<td>38.9</td>
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<tr>
<td>ASBC*</td>
<td>4</td>
<td>20</td>
<td>118</td>
<td>5.9</td>
<td>29.5</td>
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<tr>
<td>ASPET</td>
<td>7</td>
<td>50</td>
<td>262</td>
<td>5.2</td>
<td>37.4</td>
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<tr>
<td>AAP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AIN*#</td>
<td>3</td>
<td>16</td>
<td>80</td>
<td>5.0</td>
<td>26.7</td>
</tr>
<tr>
<td>AAI#</td>
<td>3</td>
<td>5</td>
<td>15</td>
<td>3.0</td>
<td>5.0</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
<td>19</td>
<td>97</td>
<td>5.1</td>
<td>32.3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>37</td>
<td>233</td>
<td>1,233</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* One symposium (DeLuca) sponsored jointly by ASBC and AIN.

# One AIN symposium and all AAI material came out of Anaheim meeting.
The Life Sciences Research Office (LSRO) was established in 1962 as a unit of FASEB to analyze specific problems in biology and medicine confronting research program administrators in Federal agencies. The Office furnishes expert evaluation of scientific issues through a unique mechanism involving ad hoc reviews of study topics by qualified scientists who are actively engaged in research. In 1980, the Office completed its eighteenth year of conducting scientific analyses of specific topics in biology and medicine. During the year, approximately 100 members of the constituent Societies provided their scientific expertise to several ad hoc groups and the Select Committee on Substances Generally Recognized as Safe (GRAS) by the Food and Drug Administration. Fifteen major comprehensive reports for various Federal Agencies were completed during the year.

Three major programs were engaged by LSRO in 1980. Completed were one study and continuation of a second to provide formal state-of-art reviews and scientific interpretations of existing knowledge in specific areas of human nutrition for the Division of Nutrition and Food Sciences, Bureau of Foods, FDA. Three ad hoc group meetings were held in connection with this contractual activity. The Select Committee on GRAS Substances held four meetings during the year, completed the review of 118 monographic collections, and continued its evaluation of 23 additional monographic collections. The Select Committee on GRAS Substances is in its 10th year of evaluating the health aspects of food ingredients Generally Recognized as Safe for the Bureau of Foods, FDA. An interim report on data standards and criteria for data acceptance related to the Laboratory Animal Data Bank was completed along with a report on user evaluation of this data base for the National Library of Medicine.

Publication of these reports was announced in FEDERATION PROCEEDINGS and additional copies of each report are available for distribution to FASEB Society members as specified by the Advisory Committee. A total of 2,517 copies of individual reports were supplied to scientists who requested copies.

In addition to the above major activities, LSRO staff prepared two quick response actions and five predictive response actions under the terms of FDA contracts. One of these, entitled "A Background Paper on Infant Formulas," was utilized by FDA in congressional hearings concerning new legislation on safety and nutritional quality of infant formulas. At FDA request, the manuscript was revised and submitted to the American Journal of Clinical Nutrition for publication. A review article on "Nutrient Toxicity" was prepared at the request of the editors of Nutrition Reviews. Both manuscripts were reviewed and approved by the Advisory Committee and have been accepted for publication in 1981.
The Office of Public Affairs, staffed by a Director and a Secretary, has two discrete, but reinforcing, missions. One is to serve as a link between FASEB and agencies of Government on public policy issues impacting the biomedical research community. The other is to serve as a link between FASEB and the general public, through the news media, in reporting research findings. That is, Government relations on one hand, and public information on the other.

Government Relations. This mission is carried out with the advice of the Public Affairs Committee. The principal means of communicating with the membership of the Federation Societies on public policy issues is through the Public Affairs insert in FEDERATION PROCEEDINGS and the FASEB NEWSLETTER. Incident to keeping members informed of public policy developments, the Office maintains continuing liaison with relevant federal agencies, with appropriate Committee staffs of the Congress, and with scientific organizations having common interests. Regular monthly meetings are held with a group of societies having a special interest and stake in biology and medicine. The Office coordinates the Congressional Science Fellow Program, which provides FASEB with a continuing presence in the Congress and helps to foster cross-education between the Congress and the scientific community. In the course of the year the Office assists in the preparation of letters, testimony or statements dispatched by the Board, the Public Affairs Committee or the Executive Director to members or committees of the Congress on a variety of issues, and arranges for FASEB witnesses to testify.

At the Annual Meeting in Anaheim a public affairs symposium on “The Future of the National Science Foundation” was arranged, with the Director of the Foundation and the Chairman of the House Subcommittee on Science Research and Technology as participants. During the year the issue which dominated all others was the legislative future of the National Institutes of Health, as charted in a House Bill (H.R. 7036) introduced by Congressman Waxman, and a Senate bill (S.988) introduced by Senator Kennedy. Each bill, in a different way, would have profoundly altered the legislative underpinnings of NIH and the way it operates. In the end it was determined that no feasible compromise was possible and existing legislative authorities of NIH were extended for two years.

Public Information. This mission is carried out with the advice and working assistance of the Public Information Committee. The FASEB Feature Service, published each month with the assistance of a professional science writer, is sent to approximately 400 mass media outlets across the country. A typical issue carries six lay language translations of reports of research performed by Society members and published in Society journals or elsewhere. Each of the articles is reviewed by the investigator and the appropriate member of the Public Information Committee prior to release. Additional special editions of the Feature Service are prepared in connection with the summer meeting of the American Society for Pharmacology and Experimental Therapeutics and the fall meeting of The American Physiological Society. In each case the investigator’s address and telephone number are provided for follow-up press queries.

Each year a peak of activity is in connection with the press room operation at the Annual Meeting. In connection with the meeting in Anaheim, the Office carried on correspondence with 323 investigators whose work had been identified by the Public Information Committee as having a combination of potential news value and scientific worth. A total of 122 summaries of papers were received and of that number 35 were converted into press release form for use in the press room and for mailing to principal media outlets. Each of the investigators whose work was the subject of a release met with the press on a posted schedule. Twenty-six media representatives covered the meeting.

AWARD PROGRAMS

Wellcome Visiting Professorships

Each year FASEB invites nominations for a series of Wellcome Visiting Professorships in the Basic Medical Sciences, sponsored by The Burroughs Wellcome Fund. Administered by the Federation, the Professorships are offered to full degree-granting medical schools, universities, and other scientific institutions in the United States. The purpose is to stimulate interest in the basic sciences and to enhance communication with scientists in the disciplines represented by the FASEB constituency.

In 1980 eighteen awards were made for the 1980-81 academic year, as listed in Table 5.

Each Visiting Professor spends two to five days at the host institution engaged in teaching and discussion with students and faculty and delivers a Wellcome Lecture on a pertinent subject related to his/her discipline. The Visiting Professor receives $1500 from The Burroughs Wellcome Fund plus travel expenses, and a modest stipend is provided the awarded institution for administrative expenses.
# Wellcome Visiting Professors and Institutions Visited During the Academic Year, 1980-1981

## Table 5

<table>
<thead>
<tr>
<th>Subject</th>
<th>Name</th>
<th>Affiliation</th>
<th>To</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physiology</strong></td>
<td>Philip J. Randle</td>
<td>Oxford Univ.</td>
<td>Milton Hershey Med. Center</td>
<td>Pennsylvania State U.</td>
</tr>
<tr>
<td></td>
<td>Irving Rothchild</td>
<td>Case Western Univ.</td>
<td>Univ. of Hawaii at Manoa</td>
<td>Honolulu, Hawaii</td>
</tr>
<tr>
<td></td>
<td>Jens Christian Skou</td>
<td>Univ. of Aarhus, Denmark</td>
<td>Univ. of Chicago</td>
<td>Chicago</td>
</tr>
<tr>
<td><strong>Biochemistry</strong></td>
<td>Stanley Falkow</td>
<td>Univ. of Washington Seattle</td>
<td>Univ. of South Dakota</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Philip Feigelson</td>
<td>Columbia Univ.</td>
<td>Univ. of Louisville</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jack Gorski</td>
<td>Univ. of Wisconsin</td>
<td>Univ. of Florida</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Donald D. Brown</td>
<td>Johns Hopkins Univ.</td>
<td>Louisiana State Univ.</td>
<td>New Orleans</td>
</tr>
<tr>
<td><strong>Pharmacology</strong></td>
<td>Brian Hoffman</td>
<td>Columbia Univ.</td>
<td>Medical College of Georgia</td>
<td>Augusta</td>
</tr>
<tr>
<td></td>
<td>John Paul Long</td>
<td>Univ. of Manchester, England</td>
<td>Univ. of Arizona</td>
<td>Jackson</td>
</tr>
<tr>
<td><strong>Pathology</strong></td>
<td>Sten Orenius</td>
<td>Karolinska Institute</td>
<td>Univ. of Illinois</td>
<td>Chicago</td>
</tr>
<tr>
<td></td>
<td>Gerhard Zbinden</td>
<td>Univ. of Zurich</td>
<td>New York Medical College</td>
<td>Valhalla, N.Y.</td>
</tr>
<tr>
<td><strong>Nutrition</strong></td>
<td>Donald S. McLaren</td>
<td>Iowa State Univ.</td>
<td>Iowa State Univ.</td>
<td>Ames</td>
</tr>
<tr>
<td></td>
<td>Jean Girard</td>
<td>Univ. of Colorado</td>
<td>Univ. of Colorado</td>
<td>Denver</td>
</tr>
<tr>
<td></td>
<td>Anthony A. Albanese</td>
<td>Nutrition Reports Intn’l</td>
<td>Texas Women’s Univ.</td>
<td>Denton</td>
</tr>
<tr>
<td></td>
<td>Douglas W. Wilmore</td>
<td>Harvard</td>
<td>Univ. of Texas Health Sci. Ctr.</td>
<td>San Antonio</td>
</tr>
<tr>
<td><strong>Immunology</strong></td>
<td>Cesar Milstein</td>
<td>Laboratory of Molecular Biology, Cambridge, England</td>
<td>Harvard Medical School</td>
<td>Boston, Mass.</td>
</tr>
<tr>
<td></td>
<td>Nicholas Wald</td>
<td>Univ. of Oxford</td>
<td>Foundation for Blood Research</td>
<td>Scarborough, Maine</td>
</tr>
</tbody>
</table>

**3M Life Sciences Award**

The Federation also administers the 3M Life Sciences Award, sponsored and supported by the 3M Company. The award, made to an investigator or teacher employed by an academic or other nonprofit institution, provides $5,000 to the awardee, up to an additional $1,500 to permit him or her to select young scientists to attend the FASEB Annual Meeting or other scientific meetings, and $10,000 to the parent institution to support the awardee’s research and travel.

In 1980 Dr. Arthur B. Pardee, Professor of Pharmacology at the Sidney Farber Cancer Institute, and a member of the American Society of Biological Chemists, received the award. Presentation of the award was made at the General Session of the FASEB Annual Meeting in Anaheim.

**Gregory Pincus Memorial Award**

In 1974 Mrs. Gregory Pincus established a Memorial Fund in the Federation in honor of her late husband who was a distinguished reproductive physiologist and co-discoverer with Dr. M. C. Chang of the oral contraceptive. Subsequently, additional monies have been received from Mrs. Pincus. Each year the President of FASEB designates a student to receive the income from the Fund to provide partial expenses for travel to the Annual Meeting, in 1980 this award was received by Mr. Michael Hart of the University of Nebraska Medical Center in Omaha.

![Dr. Pardee](image)
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* Terms ended June 30, 1980
** Term ended November 25, 1980
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AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS
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AMERICAN INSTITUTE OF NUTRITION
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FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY

9650 ROCKVILLE PIKE • BETHESDA, MARYLAND 20014

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ROBERT W. KRAUSS
Executive Director