

Seventy-Seventh Annual Report of the American Phytopathological Society

The 77th Annual Meeting held at the MGM Grand Hotel at Reno, Nevada, was our largest ever, with an attendance of 1,900. Those who participated had a wide variety of choices of scientific, social, and recreational activities. Early arrivers worked on committees or went on a forest pathology field trip and met associates at the Sunday afternoon social.

Ralph Hardy, president of Biotechnica International Inc., highlighted the issues and policies of biotechnology in the plenary address. From a program containing 847 papers, participants attended their choices of five symposia, 13 discussion sessions, five colloquia, three workshops, three exhibits, a disease diagnosis contest, the placement service, and committee meetings.

The symposia were titled "Influence of Soil Fertility on Soilborne Disease," "Components and Techniques of IPM Threshold Determinations," "Etiology of Pine Wilt and Vector Relationships of *Bursaphelenchus xylophilus*," "Host Model-Disease Model Interactions," and "Verticillium species as Root Pathogens of Conifers." Colloquia were titled "Plant Health Strategies," "Changes in Fungi at the Host-Parasite Interface," "Spatial Components of Epidemics," "Research in Biotechnology—An Industry Perspective," and "New Concepts in Taxonomy, Genetics, and Evolution of Plant Viruses." Workshops were titled "Testing for Seed-Borne Pathogens," "Current Instrumentation in Plant Molecular Biology," and "Role of Isozymes in Fungal Taxonomy and Population Genetics."

At the Awards and Honors program, Richard D. Berger, Richard J. Campana, Robert E. Davis, Joseph W. Eckert, Donald C. Erwin, Richard I. Hamilton, Jürgen Kranz, Harry H. Murakishi, Paul E. Nelson, Waldemar E. Sackston, and Francis A. Wood were elected Fellows of the Society. The Ruth Allen Award was presented to William F. Rochow and the Ciba-Geigy Award to Steven E. Lindow. The awards ceremony was followed by a lively reception.

Prior to the APS business meeting, President John Lockwood presented an address entitled "Plant Pathogens in Soil: Concepts and Connections." During the business meeting, President Lockwood briefly described the status of several major Society issues. The revised Constitution was adopted and the following new officers were introduced: Al Weinhold, vice-president; Doug Maxwell, councilor-at-large; Joe Ogawa, Pacific Division councilor; Bob Dickey, Northeastern Division councilor; Ron Cameron, treasurer; and Wendell Horne, PLANT DISEASE editor. Charles Delp was introduced as the ISCPP/AIBS selection for Congressional Science Fellow. It was reported that the Society is in good financial condition and membership was 4,127 as of June 30.

Social and special events included receptions, breakfasts, luncheons, reunions, alumni, women and graduate student socials, excursions, the M.S. Dixie dinner cruise on Lake Tahoe, and the industry/extension dinner dance in Virginia City.

Sites of the APS Annual Meetings for the next three years are: August 10-14, 1986, Hyatt Orlando Hotel, Kissimmee, FL; August 2-6, 1987, Clarion Hotel, Cincinnati, OH; and November 13-17, 1988, Town & Country, San Diego, CA.

The theme for the 78th Annual Meeting in Florida will be "International Cooperation." We hope to see you there.

REPORT OF COUNCIL MEETINGS

President J. L. Lockwood presided at the midyear Council meeting held at APS headquarters, February 7-9, 1985, as reported in PHYTOPATHOLOGY NEWS (Vol. 19, No. 7, 1985). He also presided at Council meetings held in Reno August 10, 11, 13, and 15, 1985. President L. Sequeira presided at the new Council meeting, also on the 15th. All Council members were present. R. A. Rohde and M. V. Wiese had completed their terms and were replaced by R. S. Dickey as Northeast Division councilor and J. M. Ogawa as Pacific

Division councilor. H. R. Cameron was reappointed for a second term as treasurer, and C. W. Horne for a second term as PLANT DISEASE editor-in-chief. The election of A. R. Weinhold as vice-president and D. Maxwell as councilor-at-large was announced. Other Council members who completed their terms were R. J. Cook, past-president, and A. R. Weinhold, councilor-at-large. The Council expressed appreciation for their dedicated service to APS.

The financial report by H. R. Cameron showed that APS is financially healthy. President-Elect L. Sequeira reported that this year's Annual Meeting program contained a 10% increase in papers from last year. At times, there were 12 concurrent sessions.

To handle some of the problems associated with annual meetings, a Program Coordination Committee was authorized by the Council. The committee, composed of the incoming president-elect, vice-president, and senior councilor-at-large, will select items for the final annual meeting program from the proposed annual meeting program. A. K. Vidaver reported that for 1986, the Program Committee accepted a policy of one subject matter special session per meeting, has a willingness to encourage posters in place of oral presentations, and selected three symposia. A plenary symposium entitled "Food and Population: A World Challenge to Plant Pathologists" is proposed. The Council adopted a policy that oral contributed paper presentations at national meetings be limited to one per person. Because of consistent abuse by nonregistered members and spouses who participate in expensive events, a policy will be established and implemented for admission to events only by those registered or paid.

The Headquarters Operations Committee report by R. J. Cook recommended that the mailing operation be moved to the warehouse, that the ground floor be remodeled for office space, and that the parking lot be expanded at a cost of approximately \$25,000, to come from the capital improvement fund.

Editor-in-Chief G. N. Agrios reported that APS Press has organized procedures for efficient selection and processing of nonjournal publications. PHYTOPATHOLOGY and PLANT DISEASE were reported to be in good editorial and financial condition.

The Intersociety Consortium for Plant Protection (ISCPP) has selected C. J. Delp Congressional Science Fellow for one year beginning September 1. ISCPP Chairman Diana Freckman sent a letter to John Moore of EPA objecting to unduly restrictive provisions of the EPA interim policy on testing microbial pesticides. The Plant Health Workshop funded by CSRS, consisting of two scientists from each of six societies and R. J. Cook as chairman, met at APS headquarters to examine key interdisciplinary issues in plant protection.

J. F. Fulkerson, a scientist at USDA, presented the National Biological Impact Assessment Program entitled the "Golden Nugget," and its consequences for plant pathology. A new concept in agricultural research funding entitled the "Black Diamond" has been released.

Plant pathology as a profession will be promoted in a video film produced by the Visual Communications Section of the Department of Agricultural Communications at North Carolina State University. The film was allocated \$15,000, and funds may be available from foundations. Part of the investment may be recovered through the sale and rental of the film.

D. P. Maxwell, chairman of the Long-Range Research Goals for Plant Pathology Special Committee, was authorized to publish a distillation of the goals as an editorial in PLANT DISEASE and a full version in PHYTOPATHOLOGY NEWS.

Serious consideration was given to establishing various kinds of APS memberships. The results of a cost analysis persuaded the Council to allow membership status options to remain unchanged.

The Diagnostic Committee was established as a new APS Subject Matter Committee. A group of members are working on diagnostic facilities.

Several items concerning the International Cooperative Committee were handled by the Council as follows: 1) Requests for APS publications to be supplied by the F. C. Stakman Fund will be limited to institutional requests.

The chairman of the International Cooperation Committee and the APS Headquarters Scientific Advisor, T. Kommedahl, will decide whether to grant these requests. 2) Short Term Enrichment Program will be a source of funds for foreign students in the United States who wish to attend annual meetings. 3) A resolution regarding aid to developing countries was endorsed. 4) The 78th Annual Meeting at the Hyatt Hotel in Orlando, FL on August 10-14, 1986 will have the theme "International Cooperation."—*Charles J. Delp*

REPORT OF BUSINESS MEETING

President J. L. Lockwood called the meeting to order Wednesday, August 14, in the Adelphi Room. He appointed Ralph Green as parliamentary. The agenda was presented, discussed, and approved.

President Lockwood briefly described the following: the Doctor of Plant Health degree, the proposed resolution on food and population issues, the APS slide series to be administered by field testing of microbial pesticides, ISCPP Congressional Science Fellow C. J. Delp, long-range research goals for plant pathology, scientific advisor T. Kommedahl, manual of operations and constitution changes, annual meeting program modification, PHYTOPATHOLOGY NEWS, division and ISCPP meetings, the good financial condition of APS, the committed membership, the need to recruit promising youth, and the talented and dedicated staff.

Secretary C. J. Delp reported that the total APS membership as of June 30, 1985, was 4,127.

Treasurer H. R. Cameron reported that the Society had another successful financial year, thanks to membership support, the leadership of the officers and Council members, and the support of the staff at our headquarters in St. Paul. Slides showing the distribution of our income and expenses were discussed.

Publications were reviewed by G. N. Agrios, editor-in-chief, APS Press; G. E. Shaner, editor-in-chief, PHYTOPATHOLOGY; and C. W. Horne, editor-in-chief, PLANT DISEASE.

The customary committee reports were presented, including the Necrology Committee, by C. J. Delp; and the Site Selection Committee, by A. K. Vidaver. P. Timmer invited the members to Orlando, FL, for next year's Annual Meeting.

A complete revised and edited edition of the Constitution adopted at this meeting will be published in PHYTOPATHOLOGY NEWS.

President Lockwood reviewed the history of APS food and population issues since 1975 and presented a resolution from the Council. Members voted to approve the following resolution:

Recognizing that the continuing increase in the world's human population and the concomitant need to increase food production and availability are major problems confronting mankind, the APS reaffirms its commitment to encourage plant health research and education, particularly in developing countries. The APS urges its members to make available their knowledge and expertise in plant disease control to countries affected by food shortages. Further, the APS pledges to provide technical guidance and rapid transfer of information to the international community and supports all efforts to increase food supplies in developing countries. However, the APS further recognizes that the earth has a finite carrying capacity for the human species, and that improvements in agricultural technology cannot be expected to cope indefinitely with the needs of constantly increasing populations.

President Lockwood expressed appreciation to the Local Arrangements Committee, to the APS staff, and to outgoing officers Dick Rohde, Northeastern Division councilor; Maury Wiese, Pacific Division councilor; and Al Weinhold, senior councilor-at-large. He then introduced Bob S. Dickey, Northeastern Division councilor; Joe M. Ogawa, Pacific Division councilor; Doug Maxwell, councilor-at-large; Al Weinhold, vice-president; Ron Cameron, treasurer; and C. W. Horne, PLANT DISEASE editor. He then passed the gavel to the new president, L. Sequeira.—*Charles J. Delp*

REPORT OF OFFICERS

Report of the President. Following is a brief synopsis of some of the significant actions and initiatives that have occurred within APS during the past year.

Resolution on Food and Population. The Society approved a resolution reaffirming its commitment to provide technical assistance to increase food production in developing countries and recognizing that improvements in agricultural technology cannot indefinitely keep pace with increasing populations. The background for this begins in 1975 in my editorial in PLANT DISEASE (Vol. 59, No. 7, 1975). Most recently, the Caribbean Division, at its meeting in October 1984, approved a resolution requesting

the International Cooperation Committee to prepare a proposal defining APS policy in relation to international programs dedicated to increased food production, and the relation that these programs must have to world population stabilization. The Committee's statement was modified at the 1985 midyear meeting of the Council and at the Annual Meeting in Reno, and was approved by the membership at the annual business meeting.

The Council's intention is to solicit proposals from the International Cooperation Committee, and others, for possible adoption at the next APS Annual Meeting in Orlando. We hope the resolution will provide the impetus for the Society to enter into new and imaginative programs for the good of mankind.

Doctor of Plant Health Degree. President R. E. Ford, in 1982, appointed a committee to study the need for a professional interdisciplinary doctoral degree in plant health. The committee submitted its report giving strong affirmation of the need for such a degree. The report was published in PHYTOPATHOLOGY NEWS (Vol. 19, No. 6, 1985).

The Council, at its midyear meeting this year, endorsed the report, hoping that this would encourage one or more educational institutions to develop a program leading to this degree.

APS Slide Series. The Council has decided to have our staff assume responsibility for the business and marketing aspects of both regular and teaching sets of the slide series. The slide series will be under the leadership of APS Press, with the Illustrations Committee as the coordinating body. The Committee is reviewing the existing slide sets to determine which should be retained or discarded.

Endowment Fund Special Committee. The Council has authorized the appointment of a special committee under the chairmanship of Roy Young, to build an Endowment Fund, to oversee the investment of this fund, and to recommend appropriate uses of the income from the fund for the benefit of our members and profession. It is not the intention to use the Endowment Fund for items that are normally part of the budget.

EPA Interim Policy on Small Scale Field Testing of Microbial Pesticides. The Council has been concerned about the restrictions in the provisions of the EPA's interim policy, which make it difficult to legally conduct field tests of biological control agents, whether genetically altered or not. I wrote a letter to EPA objecting to the interim policy, arguing that the testing of genetically unaltered, and most genetically altered microorganisms, need not be regulated. Another letter for the same purpose was sent to EPA by the Intersociety Consortium for Plant Protection.

ISCPP Congressional Science Fellow. The APS, in conjunction with the Intersociety Consortium for Plant Protection, is sponsoring a Congressional Science Fellow for one year. The Fellow will serve as a resource person on the staff of a congressman or a legislative committee. The award was given to APS member C. Delp, who began his duties September 1.

Long-Range Research Goals. This committee, whose assignment was to identify and articulate the long-range research goals for the science of plant pathology, completed its work this year. Its report will be published in PHYTOPATHOLOGY NEWS later this year. The report should be useful in guiding the Society and in responding to requests from government agencies and others about the goals and priorities of our science.

Scientific Advisor. This year, we have employed T. Kommedahl for two hours per week as scientific advisor. He advises the staff on technical questions concerning our science. For many years, he had done this service on a volunteer basis, as well as the indices for PHYTOPATHOLOGY and PLANT DISEASE. We decided that this arrangement should be formalized.

Manual of Operations. The guide to procedures and responsibilities of officers, councilors, and committees of APS was revised and updated by T. Kommedahl, V. Baker, and R. Tarleton, and was published in PHYTOPATHOLOGY NEWS (Vol. 19, No. 7, 1985).

The Constitution has also been updated and will be published in PHYTOPATHOLOGY NEWS later this year.

Nonjournal Membership in APS. For the past two years, we have discussed the issue of a membership without journals, at a lower cost. This request was initiated by a technicians group who wanted membership to qualify for lower Annual Meeting registration rates, and lower costs for books and compendia. They already had access to the journals in their departments.

After much study, Council decided not to offer a nonjournal membership. If this option were available at low cost, many others might choose this option, decreasing our income dangerously. If priced realistically, the new memberships would not be encouraged and nothing would be gained.

Annual Meeting Problems. The large and expanding program of APS Annual Meetings presents a problem of accommodations. Many campuses and hotels cannot accommodate 10-12 concurrent sessions. We are faced with the options of curtailing the program or expanding the number of days or having night sessions. The Council has established a Program Coordinating Committee consisting of the president-elect, the vice-president, and the senior councilor-at-large. The Committee will be

responsible for selecting program components from proposals by the Program Committee.

Communication by Council and Staff. I am pleased to see greater participation by the Council and staff in providing articles for PHYTOPATHOLOGY NEWS this year. This means of communications is important to enable members to understand operations of the Society, and I have continued to encourage such articles.

Attendance at Other Meetings. I attended the meetings of the Caribbean Division, the Southern Division, the Potomac Division, and the North Central Division. The other divisions met concurrently with the Society's annual meetings. All meetings were successful and fill a need for localized interaction that cannot be met by the Annual Meeting. It is important for the Society and the divisions that the president attend these meetings.

I also attended the meetings of the ISCPP, and recognize that this organization has considerable influence and respect among government officials and agencies in agriculture and science.

General Comments. Our financial status is good. Our income has exceeded our expenses for the past few years, and we are proceeding with the building of a reserve fund by budgeting 2.5-5% of the annual budget for this purpose. The Endowment Fund should allow us to support special projects that we cannot support now. Our best opportunity for additional income lies with APS Press and an expanded book publishing program. We now derive approximately 25% of our income from books and compendia, and this figure could rise.

Our membership is committed. It continues to grow, and is now at approximately 4,200. The Annual Meeting attendance also continues to grow. Over 60 committees met in Reno at the Annual Meeting, involving more than 700 members.

We have had good officers and councilors, as well as a talented and dedicated staff. I am optimistic about the present status and future of our Society.

I do have one concern, however. I do not feel that plant pathology is competing for the best students as successfully as it should. We lose students to disciplines such as molecular biology and recombinant DNA genetics. We know that plant pathology is exciting in its diverse basic and applied aspects, but how can we communicate this to young people? Most students have never heard of plant pathology or phytopathology in high school and even college. Most universities do not have undergraduate majors in plant pathology.

Our Special Committee on Youth Programs is introducing plant pathology concepts into textbooks and in other ways, and we are producing a new public relations film to replace our old movie. However, perhaps we need to do more. This is a major challenge for the future well-being of our profession.

Finally, I would like to thank the members of APS for this opportunity to serve our Society. This honor has been a high point in my professional

career.—*J. L. Lockwood*

Report of the Secretary. The APS total membership as of June 30, 1985, was 4,127 in categories as follows: regular—3,026, student—619, group—16, husband/wife—71, sustaining associate—56, life—17, and emeritus, 322.

The remainder of the secretary's report is given via the recorded minutes.—*Charles J. Delp*

Report of the Treasurer. The Society had another successful year financially, thanks to the support of the membership, the leadership of the officers and Council members, and the support of our staff at headquarters in St. Paul.

Last year the treasurer reported that the Council had approved a budget that projected an excess of income over expenses of \$7,518. Although income did not reach our expectations, staff was successful in holding expenses well below the budget. The result was an excess of income over expenses of approximately \$35,000.

The audited statement has been reproduced for member review. The income before fund transfers was \$1,597,368 and expenses were \$1,508,736. As reported previously, Council has established a number of restricted funds, including one for major building repairs and another for major improvements to the building. After all fund transfers, the unallocated surplus was \$4,562.

In accordance with our long-range financial goals, an operating reserve fund has been established with a goal of \$850,000, approximately one-half of our operating budget. This year the amount was increased by \$70,000. The amount in the fund now totals \$204,440.

Income and expenses are allocated to various programs of the Society (journals, member services, books, etc.) along with an appropriate share of total overhead based on staff time used by each program. Programs such as member services that have limited income and fairly large expenses will show a deficit. Other programs will break even after overhead allocation, but still contribute to the financial stability of the Society. Some programs, such as books, will show a good surplus after overhead allocation. The treasurer and Financial Advisory Committee monitor all of the programs to ensure a proper balance.

Council has approved a deficit budget for fiscal year 1986, although the deficit is relatively small. The Financial Advisory Committee believes we can overcome the budgeted deficit in the coming year, depending upon the number of new book titles staff is able to publish. In accordance with the Constitutional provisions for dues adjustment based on changes in the CPU, dues for 1986 will increase \$2.00 for a membership with a single journal and \$3.00 for a membership with two journals.

I wish to thank members of the Society, and, in particular, the Financial Advisory Committee, for their support during the past year.—*H. R. Cameron*

**Report
of the
Auditor**

I have examined the balance sheet of THE AMERICAN PHYTOPATHOLOGICAL SOCIETY (a nonprofit corporation) as of June 30, 1985, and the related statements of income and expenses and membership equity and changes in financial position for the year then ended. My 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 were considered necessary in the circumstances.

In my opinion, the accompanying statements present fairly the financial position of The American Phytopathological Society at June 30, 1985, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a consistent basis.—*Wallace F. Hilke, Certified Public Accountant*

**Notes to Financial Statements
June 30, 1985**

Accounting Procedures. The accounts of the Society are maintained in accordance with the principles of fund accounting. Under this method, major expense categories are established according to their nature and purpose. The costs of various programs have been summarized on a functional basis. Certain costs have been allocated among the programs and supporting services benefited.

These statements do not include financial data for geographical divisions, which are composed of members of the Society. These divisions maintain their own financial records and costs of activities.

Land, Building and Equipment. Land, building and equipment are included at one half the total costs of these assets. The American Association of Cereal Chemists, Inc. shares equally in the costs of the property and shares headquarters space with the Society.

The note payable to the St. Anthony Park State Bank of St. Paul is secured by equipment with an approximate cost of \$8,200 (Society's one-half share = \$4,100).

Summary of land, building and equipment:

| | June 30 | |
|---------------------------------|-----------------|-----------------|
| | 1985 | 1984 |
| Land | \$ 27,047 | \$ 27,047 |
| Building and improvements | 174,863 | 174,863 |
| Equipment | 206,204 | 180,879 |
| | <hr/> \$408,114 | <hr/> \$382,789 |
| Less - Accumulated depreciation | 215,000 | 180,950 |
| | <hr/> \$193,114 | <hr/> \$201,839 |

Depreciation is computed over the estimated useful lives of the assets on a straight-line basis.

Shared Expenses. In addition to sharing headquarters space and occupancy expenses with The American Association of Cereal Chemists, Inc., certain office and administrative expenses are paid jointly by the two societies. Such expenses are prorated in relation to payroll and other measures.

The account payable to AACC in the amount of \$36,500 at June 30, 1985, represents unpaid shared expenses.

Notes Referred to on Financial Statements.

1) Prepaid Expenses. Prepaid expenses represent advance payment for services and supplies which will benefit subsequent years. The amounts shown represent:

| | June 30 | |
|--------------------------------|-----------------|-----------------|
| | 1985 | 1984 |
| Annual meeting | \$46,904 | \$45,400 |
| Books in press | 7,588 | 1,589 |
| Dues and promotion | 26,104 | 885 |
| Supplies and service contracts | 6,276 | 4,105 |
| Unexpired insurance and other | 7,732 | 5,754 |
| | <u>\$94,604</u> | <u>\$57,733</u> |

2) Marketable Securities. Marketable securities are carried at cost, if purchased, or at market value at the date of receipt, if donated to the

Society. A summary of marketable securities follows:

| | June 30 | |
|--|-----------------|-----------------|
| | 1985 | 1984 |
| \$2,000 Western Union Bonds maturing 1992 | \$ 2,060 | \$ 2,060 |
| 230 common shares Pacific Lighting | 6,088 | 6,088 |
| 110 common shares General Motors and 5 common shares Electronic Data Systems (received as dividend on General Motors shares) | 10,516 | 10,516 |
| 27 common shares St. Paul Securities, Inc. | 317 | 317 |
| 14 units Paine Webber Corporate Securities Trust | 14,673 | 14,673 |
| Total cost | <u>\$33,654</u> | <u>\$33,654</u> |
| Approximate fair market value at date shown | <u>\$32,142</u> | <u>\$25,850</u> |

3) Note Payable—Bank. The Society and The American Association of Cereal Chemists, Inc. are jointly liable to the St. Anthony Park State Bank

ANNUAL FINANCIAL STATEMENT OF THE AMERICAN PHYTOPATHOLOGICAL SOCIETY
Balance Sheet—June 30, 1985 and 1984

| | Current Operating Fund | Restricted (Schedule Attached) | Total All Funds June 30 | |
|---|------------------------|--------------------------------|-------------------------|--------------------|
| | | | 1985 | 1984 |
| Current Assets: | | | | |
| Cash—Checking | \$ 48,018 | \$... | \$ 48,018 | \$ 6,593 |
| Savings | 283,810 | 272,565 | 556,375 | 350,152 |
| Short-term U.S. Securities | ... | ... | ... | 85,000 |
| Accounts receivable, net of allowance of \$4,000 for doubtful accounts | 109,491 | ... | 109,491 | 123,678 |
| Inventories | 192,209 | ... | 192,209 | 186,726 |
| Prepaid expenses (Note 1) | 94,604 | ... | 94,604 | 57,733 |
| Marketable securities (Note 2) | 10,516 | 23,138 | 33,654 | 33,654 |
| | <u>\$738,648</u> | <u>\$295,703</u> | <u>\$1,034,351</u> | <u>\$ 843,536</u> |
| Land, Building and Equipment (at cost) less accumulated depreciation | 193,114 | ... | 193,114 | 201,839 |
| | <u>\$931,762</u> | <u>\$295,703</u> | <u>\$1,227,465</u> | <u>\$1,045,375</u> |
| Current Liabilities: | | | | |
| Current maturity of note payable—bank (Note 3) | \$ 1,665 | \$... | \$ 1,665 | \$ 2,991 |
| Accounts payable | 70,887 | ... | 70,887 | 41,167 |
| Due to American Association of Cereal Chemists, Inc. | 36,500 | ... | 36,500 | 10,019 |
| Accrued pension (Note 4) | 31,800 | ... | 31,800 | 27,330 |
| Employee benefit reserve (Note 5) | 11,340 | ... | 11,340 | 8,015 |
| Property taxes payable | 11,160 | ... | 11,160 | 13,650 |
| Deferred revenue (Note 6) | 420,476 | ... | 420,476 | 387,198 |
| Total current liabilities | <u>\$583,828</u> | <u>\$...</u> | <u>\$ 583,828</u> | <u>\$ 490,370</u> |
| Membership Equity | 347,934 | 295,703 | 643,637 | 555,005 |
| | <u>\$931,762</u> | <u>\$295,703</u> | <u>\$1,227,465</u> | <u>\$1,045,375</u> |

(See accompanying notes to these financial statements.)

of St. Paul for funds borrowed to purchase a printer. This equipment is collateral to the loan.

| | |
|---|---------|
| Total owed at June 30, 1985 | \$3,330 |
| Society's one-half share—shown as currently due | \$1,665 |

The Society's portion of the total monthly payment equals \$135, including interest computed at the prime rate.

4) Pension Plan. No changes were made in plan provisions, actuarial cost method or actuarial assumptions during the current year. The actuary determines the maximum and minimum deductible contributions allowable for each year. In all years prior to the year ended June 30, 1983, the Society has invested the maximum deductible contribution in the plan. The actuary has advised that the credit balance in the funding standard account can be

used to reduce future contributions. The liability recorded represents the Society's estimate of the current year's plan contribution, accrued to date, based on a contribution of the minimum allowed amount, with no further reduction to utilize a portion of the credit balance in the funding standard account. An unfunded supplemental liability of approximately \$38,300 is to be funded by future annual supplemental contributions to the plan.

5) Accrued Employee Benefit Reserve. Effective April 1, 1983, the Society is self-insuring a portion of the medical care costs for eligible employees. Under this plan, sickness and accident benefits are not paid by the health care insurer until the total costs for the year exceed \$2,600 per employee. The first \$100 is paid by the employee and the remaining costs up to a total of \$2,500 will be paid by the Society. The American Association of Cereal Chemists, Inc. is participating in this partial self-insurance program. Consequently, most costs which will be paid by the employer will be shared by the two societies. Claims paid during the current year totaled \$7,800. Premium payments have not been increased for 3 years. A reserve of \$11,340 is recorded at June 30, 1985, which will be used to pay future claims. The maximum liability per year per society is limited to \$25,000.

6) Deferred Revenues. Deferred revenues represent advance receipt of amounts not earned, but which will be included in income in future years.

**Statement of Current Funds Income and Expenses and Membership Equity
for the Years Ended June 30, 1985 and 1984**

| | Current Operating Fund | Restricted (Schedule Attached) | Total All Funds June 30 | |
|--|------------------------------|--------------------------------------|----------------------------|--------------------|
| | | | 1985 | 1984 |
| Income: | | | | |
| Membership dues | \$ 277,155 | \$... | \$ 277,155 | \$ 276,288 |
| Subscriptions | 445,844 | ... | 445,844 | 419,393 |
| Reprints | 53,933 | ... | 53,933 | 60,421 |
| Page charges | 203,972 | ... | 203,972 | 219,336 |
| Back issues | 28,381 | ... | 28,381 | 15,984 |
| Books | 359,652 | ... | 359,652 | 343,590 |
| Annual reviews | 10,460 | ... | 10,460 | 16,734 |
| Annual meeting | 119,669 | ... | 119,669 | 137,284 |
| Other | 47,494 | ... | 47,494 | 51,073 |
| Total operating income | <u>\$1,546,560</u> | <u>\$...</u> | <u>\$1,546,560</u> | <u>\$1,540,103</u> |
| Investment income | 42,438 | 8,370 | 50,808 | 36,184 |
| Total income | <u>\$1,588,998</u> | <u>8,370</u> | <u>\$1,597,368</u> | <u>\$1,576,287</u> |
| Expenses: | | | | |
| Member services | \$ 151,200 | \$... | \$ 151,200 | \$ 81,263 |
| PHYTOPATHOLOGY | 293,488 | ... | 293,488 | 308,210 |
| PHYTO NEWS | 36,821 | ... | 36,821 | 14,006 |
| PLANT DISEASE | 291,364 | ... | 291,364 | 295,520 |
| Books | 280,051 | ... | 280,051 | 239,664 |
| Annual meeting | 118,571 | ... | 118,571 | 121,746 |
| Building operations and depreciation | 39,778 | 6,194 | 45,972 | 50,793 |
| Awards | ... | 991 | 991 | ... |
| General administration | 289,595 | 683 | 290,278 | 296,544 |
| Total expenses | <u>\$1,500,868</u> | <u>\$ 7,868</u> | <u>\$1,508,736</u> | <u>\$1,407,746</u> |
| Excess of income over expenses | \$ 88,130 | \$ 502 | \$ 88,632 | \$ 168,541 |
| Membership Equity, Beginning of year | 466,203 | 88,802 | 555,005 | 386,464 |
| Fund Transfers (See schedule of restricted funds) | | | | |
| To restricted funds | (218,510) | 218,510 | ... | ... |
| From restricted funds | 12,111 | (12,111) | ... | ... |
| Membership Equity, End of year | <u>\$ 347,934</u> | <u>\$295,703</u> | <u>\$ 643,637</u> | <u>\$ 555,005</u> |

(See accompanying notes to these financial statements.)

The amounts shown represent:

| | June 30 | |
|--------------------------------|-----------|-----------|
| | 1985 | 1984 |
| Membership dues | \$148,577 | \$140,851 |
| Subscriptions - PHYTOPATHOLOGY | 137,734 | 126,833 |
| PLANT DISEASE | 83,777 | 81,471 |
| Annual meeting | 47,636 | 37,100 |
| Annual reviews | 2,740 | 233 |
| Books and other | 12 | 710 |
| | \$420,476 | \$387,198 |

Current Restricted Funds. The Society maintains seven funds restricted by the donor, grantor or others for particular operating purposes or for plant acquisition. These funds are reported separately.

The Ruth Allen Award Fund was established in 1965 by means of gifts under the will of Ruth Allen by the executor Cecil Yarwood, and from her heirs: Sam Emsweller, Mabel Nebel, Hally Sax, and Evangeline Yarwood. The award, which consists of a certificate and the income from the invested fund, is given for innovative research contributions that have changed, or have the potential to change, the direction of work in any area of plant pathology.

The APS Endowment Fund was established by the Council in 1980, as a result of a bequest of \$5,000 from the estate of Dr. E. C. Stakman, former APS president and early member of the Society. The fund will seek to attract additional gifts to the Society and its earned income will be used for special projects of the organization as designated by the Council.

The Lee M. Hutchins Fund is the result of a bequest from the estate of Lee M. Hutchins. The fund is restricted by the provisions of Dr. Hutchins' will. The principal of the fund must be invested in long-term interest bearing industrial bonds or their equivalent. The fund shall be continued indefinitely. The annual net income earned from the investments is to be used to make periodic awards in recognition of an outstanding contribution to the field of fruit-plant virus diseases published in PHYTOPATHOLOGY during the previous year.

The APS Building Maintenance Reserve was established by the Council. The purpose of the reserve is to provide funds for replacement of major mechanical equipment in the headquarters building or for other significant maintenance needs. The reserve will be supported by an allocation from operating income of \$5,000 per year. The building co-owner, The American Association of Cereal Chemists, Inc. makes a similar contribution.

The APS Capital Improvement Fund was established by the Council. The purpose of the fund is to provide monies for capital improvements in connection with the headquarters building. These improvements may be in the form of additions to the present building, construction of new buildings on present real estate, or purchase of additional real estate for building purposes. The fund is supported by accumulation and investment of the current depreciation schedule of the building, which is approximately \$7,070 per year. The building co-owner, The American Association of Cereal Chemists, Inc. makes a similar contribution.

**Statement of Changes in Financial Position
for the Years Ended June 30, 1985 and 1984**

| | Year Ended June 30 | |
|---|--------------------|-----------|
| | 1985 | 1984 |
| Source of Funds: | | |
| Excess of income over expenses | \$ 88,632 | \$168,541 |
| Depreciation, which does not affect working capital | 35,117 | 34,380 |
| | \$123,749 | \$202,921 |
| Application of Funds: | | |
| Equipment purchases | 26,392 | 10,422 |
| Increase in working capital | \$ 97,357 | \$192,499 |

(See accompanying notes to these financial statements.)

**Schedule of Restricted Funds
for the Year Ended June 30, 1985**

| | Balance June 30, 1984 | Investment Income | Fund Transfers | Disbursements | Balance June 30, 1985 |
|------------------------------|--------------------------|----------------------|-------------------|---------------|--------------------------|
| Ruth Allen Fund | \$12,370 | \$1,122 | \$... | \$ 1,272 | \$ 12,220 |
| APS Endowment Fund | 7,195 | 691 | ... | ... | 7,886 |
| Lee M. Hutchins Award Fund | 16,922 | 1,607 | ... | 402 | 18,127 |
| Building Maintenance Reserve | 25,032 | 2,330 | 5,000 | 18,305 | 14,057 |
| Capital Improvement Fund | 23,125 | 2,221 | 7,070 | ... | 32,416 |
| Auto Replacement Fund | 4,158 | 399 | 2,000 | ... | 6,557 |
| Operating Reserve Fund | ... | ... | 204,440 | ... | 204,440 |
| | \$88,802 | \$8,370 | \$218,510 | \$19,979 | \$295,703 |

Disbursements include:
Operating expenses

7,868

Transfer for purchases of equipment

12,111

\$19,979

(See accompanying notes to these financial statements.)

The APS Auto Replacement Fund was established by the Council. The purpose of the fund is to provide monies for replacement of transportation equipment as needed. The American Association of Cereal Chemists, Inc. makes a similar contribution.

The Operating Reserve Fund is a restricted fund established by the Council to accumulate sufficient monetary reserves to meet financial long-range goals established by the membership. These goals include an Operating Reserve of at least one-half of the current operating budget. The fund is to be established as rapidly as the Council believes prudent. The fund is to provide resources to the Society in the event of a financial emergency so the basic programs of APS will not be interrupted. The Operating Reserve Fund may be used on approval of the treasurer for cash flow needs. During the years ended June 30, 1983, and 1984, a total of \$125,000 was deposited in separate certificates. The intention of the Council is to hold these for future needs. Interest of \$9,440 was earned on these certificates. The total transfer to the Operating Reserve Fund included the \$125,000 plus interest of \$9,440, plus a transfer of \$70,000 for the current year.

REPORTS OF SOCIETY PUBLICATIONS

Report of APS Press. APS Press was established at the Annual Meeting in Guelph, Canada held in August 1984. APS Press consists of the editor-in-chief, eight associate editors, the treasurer, and the manager of nonjournal publications at APS headquarters. APS Press has replaced the committees on compendia, APS books, and monographs and reviews. It was given the duty of approving or disapproving publication of books proposed by the Classics Committee, symposia proposed by various committees, and of all miscellaneous publications proposed by any committee.

In its first year of operations, APS Press has attempted to develop and streamline its procedures, develop an informational packet and forms for prospective authors, develop guidelines and procedures for review and evaluation of submitted proposals, develop a contract of publication, advertise the existence, operations, and aspirations of APS Press, and solicit proposals for books to be published.

During fiscal year 1985, APS Press sold 21,671 books of 53 titles, which brought in income of \$336,682. 16,382 of the books sold were compendia. 3,917 were individual title, nonseries books, 630 were symposia, 559 were monographs, and 183 were classics. APS Press also produced six books, including one compendium, two nonseries books, one monograph, and two symposia.

Eight new books have been budgeted for publication and are scheduled to be released by August. They include two compendia, three nonseries books, one classic, one monograph, and one symposium.

During the past year APS Press has approved seven compendia, three nonseries books, and three monographs. These manuscripts are now due. APS Press is reviewing proposals for one compendium, five nonseries books, and one monograph. Forms have been sent to prospective authors and proposals are expected for three compendia and two books. APS Press has also received several initial inquiries about publication of additional titles.

In addition, APS Press has prepared a list of books recommended to our members and clientele, and authors and editors will be solicited to write and edit these books.—*G. N. Agrios*

Report of the Editor-in-Chief of PHYTOPATHOLOGY. During the period from July 1, 1984–June 30, 1985, PHYTOPATHOLOGY published 273 research papers with an average length of 3.75 pages. In addition, we published seven letters to the editor and 1,030 abstracts presented at national and divisional meetings of our Society.

Of the research articles published, 15.8% were submitted by foreign contributors from Australia (2), Brazil (2), Canada (18), Colombia (1), Honduras (1), India (1), Israel (9), Jamaica (1), Japan (3), Morocco (1), Peru (1), Philippines (2), and West Germany (1). The percentage of foreign contributions was slightly lower than the 18% of the previous year.

We published a total of 1,310 pages during the fiscal year. Of these, page charges were assessed on 1,040. The remaining pages, for which page charges were not assessed, included 20 pages for the index, 22 pages for the table of contents, 24 pages for the Annual Report, seven pages for Awards, three pages for the Author's Guide for Manuscript Preparation, four pages for Acknowledgement of Reviewers, five obituaries (one page each), one page for errata, and one page for the Publisher's Statement.

During the fiscal year, 408 manuscripts were submitted to PHYTOPATHOLOGY. As of June 30, 138 were still in review, 190 had been accepted or tentatively accepted for publication, and 80 had been rejected. The acceptance rate of 70% was slightly below the average for the past five years and below the acceptance rate of 75% for the previous year. Data for recent fiscal years are shown below for comparison.

| | Fiscal Year | | | | | | |
|---------------------------------|-------------|-------|-------|-------|-------|-------|-------|
| | 78-79 | 79-80 | 80-81 | 81-82 | 82-83 | 83-84 | 84-85 |
| Mss. published | | | | | | | |
| Articles | 313 | 265 | 299 | 271 | 358 | 307 | 273 |
| Abstracts | 115 | 461 | 767 | 999 | 1,713 | 183 | 1,030 |
| Total pages | 1,553 | 1,242 | 1,349 | 1,411 | 1,914 | 1,514 | 1,310 |
| Avg. page length of res. papers | 4.2 | 4.0 | 4.0 | 4.3 | 4.4 | 4.5 | 3.8 |
| Mss. submitted | | | | | | | |
| Total | 426 | 472 | 469 | 392 | 400 | 407 | 408 |
| Acceptance rate | 65% | 66% | 72% | 68% | 78% | 75% | 70% |

During this year, 60 of the research papers published were processed electronically for publication. Each of these articles is identified in the issue in which they appear. The lag time between acceptance of manuscripts and their publication was 145 days for electronically processed manuscripts, compared to 158 days for those submitted in conventional form. The average time between acceptance and publication of all papers published was 155 days, or slightly more than five months. This is a significant reduction from the 6- to 10-month delay common for earlier volumes of the journal.

During the period from December 1, 1984–June 30, 1985, the handling of submitted manuscripts at the editorial office and by the editor-in-chief required an average of 15 days. An average of 19.3 days was required from the time the editor-in-chief mailed manuscripts to reviewers until they mailed their reviews to a senior editor. The average time for editing manuscripts by senior editors was 18.3 days. Authors have taken an average of 42 days to revise their manuscripts and return them to the senior editor. When a senior editor receives a revised manuscript, an average of six days is required to review the revised version and send the accepted manuscript to the editorial office.

The editorial board currently includes 35 associate editors, of whom 10 will retire at the end of 1985. They are Eldon Brown, Edwin Civerolo, John M. Halloin, Noel Keen, E. George Kuhlman, Leslie C. Lane, Peter Romaine, Norman W. Schaad, Carroll P. Vance, Thomas D. Wyllie, and Eldon I. Zehr. The Society thanks these people who have devoted their time and effort to the review of manuscripts. Their efforts are critical to the maintenance of the high standards of PHYTOPATHOLOGY. The Society also acknowledges the efforts of the associate editors who continue on the editorial board, and the ad hoc reviewers who have assisted in the editorial process.

I would also like to express my appreciation to the four senior editors, O. W. Barnett, M. Benson, S. Lim, and N. Van Alfen, for their work.

Finally, I thank Vera Baker and other members of the headquarters staff who have been of great help to me during my year as editor-in-chief.—*G. E. Shaner*

Report of the Editor-in-Chief of PLANT DISEASE. In the July 1984 through June 1985 issues, PLANT DISEASE published 265 research articles and 41 New Disease and Epidemics papers (average length, 2.5 pages) and 18 feature articles.

Of the 1,120 pages published, page charges were assessed on 869. Foreign contributions included 51 papers, or 16% of the 306 articles published. These were from Africa (1), Argentina (1), Australia (3), Brazil (1), Canada (12), Chile (3), China (2), Colombia (1), Egypt (1), England (1), France (1), India (2), Israel (3), Italy (2), Japan (4), Philippines (1), South Africa (5), Sudan (1), Switzerland (1), Syria (2), Valdivia (1), Western Australia (1), and West Germany (1). A total of 558 manuscripts were submitted from July 1, 1984 to June 30, 1985.

PLANT DISEASE published 1,120 numbered pages in the issues indicated. Research articles amounted to 741 pages; New Disease and Epidemics, 104; Features, 94; Plant Health Strategies, 1; Disease Notes, 13; Focus, 12; Editorials, 12; Letters, 3; Annual Meeting Program, 20; Fungicide/Nematicide Updates, 6; Industry News, 2; Product and Equipment News, 1; Special Reports, 6; Editorial Board Page, 12; Mastheads, 12; advertising and listing of Sustaining Associates, 12; advertising, 41; Author Guide, 1; Index, 10; Tables of Contents, 24; and errata, 0.25.

Five senior editors will complete their terms on 31 December 1985. These members retiring from the Board are: R. D. Berger, G. I. Mink, R. F. Nyvall, R. M. Riedel, and W. A. Sinclair. Also completing their terms on 31 December 1985 are 18 associate editors. These members retiring from the Board are: L. L. Black, A. R. Chase, K. S. Derrick, J. E. Elliston, M. G. Eversmeyer, F. J. Gough, J. M. Klisiewicz, R. J. Kohut, R. D. Milholland, N. G. Schenck, R. W. Schneider, G. A. Secor, D. H. Smith, W. C. Steinstra, J. F. Tammen, J. C. Tu, M. T. Turner, and C. L. Wilson. The Society is indebted to all these members who have given freely of their time to ensure the maintenance of high-quality standards for the journal.—*C. W. Horne*

Report of the PHYTOPATHOLOGY NEWS Committee. PHYTOPATHOLOGY NEWS continues to grow, shown by the 112 pages published in volume 18. The amount of material submitted has increased, but still tends to be predominantly from 10 to 12 departments. An effort was made this year to solicit and include longer articles on topics of societal activity, extension, research, and teaching efforts undertaken by plant pathologists.

A calendar briefly listing future events was begun this year, and has been well received. The publication of the APS members directory and the By-Laws and Constitution provided complete copy for two of the 12 issues in 1985. A slightly revised policy in which all items for inclusion stop at the editor's desk is working well. A brief study of the makeup and function of the committee was undertaken, and it was concluded that no changes were needed. In the future, emphasis on feature articles will continue, with an effort to balance the extension, research, and teaching areas of plant pathology.—*C. C. Powell*

REPORTS OF REPRESENTATIVES

Report of the Representative to the AAAS Consortium of Affiliates for International Programs. The Consortium is a multidisciplinary network of scientific and engineering societies with interests in international affairs within their disciplines. Its objectives are to facilitate communication among Consortium members, to raise Consortium members' concerns regarding international science policies and priorities, to encourage Consortium members to cooperate on projects with international aspects, and to stimulate new or expanded international science activities by Consortium members.

The Consortium has given emphasis to the role that scientific societies could play to further the economic development of Third World countries. APS members with ideas on this topic are invited to contact me.

In June, a briefing session for the Consortium was held by the Task Force on Science Policy of the House Committee on Science and Technology. We stressed the importance of international collaboration and linkages to the dynamics of life science disciplines.

The Consortium is promoting distribution of journals to institutions and agencies in developing countries, especially those in Africa. The NSF and the U.S. Information Agency has agreed to provide reliable air mail distribution of journals from the United States to Africa. Several Consortium members are interested in donating subscriptions to current journals and others have agreed to donate back runs. The Council is asked to consider APS participation in this program through the donation of current subscriptions to a few needy institutions in that area.—*J. L. Apple*

Report of the Representative to the American Institute of Biological Sciences. During the past year, a number of significant changes have occurred in AIBS. Individual membership has increased to more than 7,000 and the Biological Science Curriculum Studies and the American Society of Mammalogists have reaffiliated.

AIBS has designated its new building in Washington, DC as the National Center for Life Sciences. Space is available in the building for the operations of some member societies. The new headquarters is located at 730 11th St., N.W., Washington, DC 20001; 202/628-1500.

Charles Delp, the secretary for APS, has been selected as the first Congressional Science Fellow jointly sponsored by the AIBS and the Intersociety Consortium for Plant Protection. Katherine Saterson has been selected as the AIBS Congressional Science Fellow for the 1985-1986 academic year. John Abbotts has been honored with a Congressional Science Fellowship by the American Association for the Advancement of Science.

The AIBS Education Committee has developed a career brochure, established teaching awards, and prepared a publication on how to write a book. The Meeting Committee has developed seminar type meetings and hosted regional or theme meetings. The Public Responsibilities Committee has coordinated activities with other member societies and hosted meetings between staff members for congressmen and representatives of member societies.

Future meeting sites include the University of Massachusetts-Amherst, August 11-15, 1986; Ohio State University-Columbus, August 9-13, 1987; and the University of California-Berkeley, August 7-11, 1988.—*L. D. Moore*

Report of the Representative to the American Type Culture Collection. The ATCC is an independent, nonprofit organization devoted to the preservation and distribution of reference cultures. Responsibility for the ATCC is held by a board of trustees representing 17 American and Canadian organizations. The ATCC has continued to show steady growth and development during the past year.

The ATCC has an inventory of more than 35,000 strains of algae, bacteria, bacteriophages, cell cultures, fungi, oncogenes, protozoa, and plant and animal viruses. The mycological collection contains more than

16,300 strains, of which 4,350 are plant pathogens. Much of the bacteriological collection consists of phytopathogens. More than 65,000 cultures were distributed in 1984. A plant tissue culture collection was started in 1984, along with research on the cryogenic storage of plant cell cultures.

APS recognizes ATCC as the repository for microbial cultures used in research published in PHYTOPATHOLOGY and PLANT DISEASE. APS editorial policy requires that these cultures be deposited with ATCC.

Bioresource Laboratories, Inc., a subsidiary of ATCC, is exploring potentially profitable ventures in accordance with ATCC's long-range goals.

Publications now available from ATCC include the 16th edition of the Fungi/Yeasts Catalogue; updates for Bacteria and Phages, and Cell Lines and Hybridomas; Lists of Recombinant DNA Vectors and Hosts; Oncogenes, Proto-oncogenes, and Molecularly Cloned Viruses; and a Media Handbook. ATCC quarterly newsletters are also available.—*P. H. Williams*

Report of the Representative to the Biological Stain Commission. The Commission met in Rochester, NY on June 13, 1985. Lectures on embedding in various plastics and on staining sections embedded in glycol methacrylate were given. At the annual business meeting, members of the executive committee whose terms had expired were reelected. The development of a protocol for certifying acridine orange was discussed, and the Commission verified the need for a densitometer to test for the purity of stains important in mechanized staining and in flow cytometry. Because of variability in the staining of human tissue with haematoxylin and eosin, the Commission decided that daily quality control is needed.—*H. Schneider*

Report of the Representative to CAST. The Council for Agricultural Science and Technology provides scientific information to Congress, government agencies, and the general public on issues of national concern. The CAST Board of Directors includes representatives from 23 scientific societies and selected members-at-large. CAST is composed of approximately 5,000 individual memberships, as well as corporate memberships and associate memberships representing nonprofit organizations. Information generated by CAST is gathered by task forces, who identify individuals with experience and background in their respective fields. CAST has been in operation for 11 years and has generated more than 100 task force reports.

APS members have chaired two of these task forces, and were members of 29 additional task forces. APS members are involved in four task forces still at work.

CAST hosts two meetings each year. This year, the Board met in Arlington, VA, on February 27 and 28. The Sixth Annual Congressional Breakfast was held at the Capitol Hill Club in Washington, DC on February 28, and the guests included two senators, 11 representatives, 18 legislative aids, and 13 committee staff members. CAST also hosted a luncheon on February 27. Alvin Young spoke on federal funding for agricultural research, and Charles Benbrok made a presentation.

All scientific societies with representation contribute to CAST financial reserves. Scientific society members have contributed 14.68% of CAST's total income. The collaboration of societies have enabled CAST to develop considerable funding from sources other than the societies, which greatly extends the effectiveness of money and scientific input from the societies. Individual members of societies who wish to make available their expertise to the public find membership in CAST valuable.—*R. H. Littrell*

Report of the Representative to the International Society for Plant Pathology Councilors. Each plant pathological society affiliated with the ISPP has one councilor for every 500 members. APS, with over 4,000 members, has eight councilors. Each serves for five years. The major function of ISPP is to sponsor a Congress every five years. A Program Committee has been formed in Japan for the next Congress, which will be in Kyoto in August 1988. Four symposia are being planned, and are entitled "Rice Plant Pathology," "Impact of Biotechnology," "Biological Control," and "Recent Advances in Fungicide Research." Other symposia and contributed papers will be organized into 16 sections covering all disciplines of plant pathology.—*R. J. Cook*

Report of the Representative to the Intersociety Consortium for Plant Protection. Representatives to ISCPP include the president-elects, presidents, and immediate past-presidents of APS, ESA, SON, and WSSA. ISCPP representatives met in May and in October.

The ISCPP approved of the selection of Charles Delp as a Congressional Science Fellow supported by ISCPP and AIBS. As Congressional Science Fellow, C. Delp has been placed on the House Committee on Agriculture and on the House Select Committee on Hunger.

The ISCPP sponsored a workshop on "Interdisciplinary Issues in Plant Health." The workshop was held September 11-13 in St. Paul, MN.

Recommendations from the workshop are under review by ISCPP.

The ISCPP disapproved of some regulations proposed in the Interim Policy for the Small Scale Field Testing of Microbial Pesticides. Final discussion on this issue is pending and being monitored by the Council.—*R. J. Cook*

Report of the Representative to the U.S. National Committee for the International Union of Microbiological Sciences. USNC/IUMS met January 18, 1985 in Washington, DC. Reports from the Bacteriology, Mycology and Virology Divisions were presented. The issue of dues payment was resolved with a graduated contribution based on member size. APS has agreed to provide \$500 per year towards the annual dues. Program plans for the 1987 International Congress of Microbiology were discussed, and the first announcement was included in PHYTOPATHOLOGY NEWS. Suggestions on participation of APS members in international microbial workshops were taken and will be given to APS committees. Problems with representation and autonomy of virology in IUMS are expected to be resolved at the 1986 International Congress. Individuals were urged to subscribe to the new IUMS journal *Microbiological Sciences*. The status of UNESCO support for some IUMS activities was uncertain following the withdrawal of U.S. participation. The USNC will consider a recommendation that the IUMS Council adopt a uniform set of guidelines for testing of genetically engineered organisms in the environment.—*A. K. Vidaver*

REPORTS OF STANDING COMMITTEES

Society Internal Relations

Report of the Awards and Honors Committee. The Awards and Honors Committee met at the Sir Francis Drake Hotel in San Francisco on March 6–7, 1985, and recommended the following awards be given at the 1985 Annual Meeting in Reno, NV: 11 Fellows, one Ruth Allen, and one Ciba-Geigy. No awardees were selected for the Lee M. Hutchins Award or the Award of Distinction. The number of nominations considered for each award category was: Fellow, 32; Ruth Allen, 5; Ciba-Geigy, 4; Lee M. Hutchins, 0; and Award of Distinction, 1.

Last year's efforts to solicit nominations from previous APS Fellows was not very successful. This year, letters of solicitation will be sent to department chairmen and laboratory leaders.

The Committee recommended that President Lockwood appoint a committee to review the Lee Hutchins Award with the hope of broadening the terms of the award before next year's awards announcement.—*S. D. Van Gundy*

Report of the Committee on Committees. The Committee on Committees is comprised of the councilors-at-large, with the senior councilor-at-large as chairman. The Committee reviews the function and activity of APS committees and acts on behalf of Council in appointing new committee members and officers. The chairman is in charge of orientation of committee officers at the Annual Meeting. The committee structure is relatively stable; only one change was recommended and approved by Council. The name of the Disease and Pathogen Physiology Committee was changed to the Biochemistry, Physiology, and Molecular Biology Committee.

More than 480 members are serving on APS committees in 1985–1986. Nominations were received for new committee appointments via solicitations from committee officers and members, administrators in departments or similar units, or self-nominations by an announcement in PHYTOPATHOLOGY NEWS. More than 230 individuals were nominated, and 134 new appointments were made. An attempt was made to provide geographic representation and to avoid making assignments to multiple committees. Each individual appointed was contacted by letter and few declined to serve.

Completed committee rosters were distributed to committee officers and filed with APS headquarters and with the Committee on Committees.—*A. R. Weinhold*

Report of the Headquarters Operations Committee. This Committee consists of the president, immediate past-president, and treasurer of both the American Association of Cereal Chemists and the American Phytopathological Society. The Committee reviews all headquarters operations, makes decisions on joint purchases of equipment or capital improvements, and conducts an annual review of the executive vice-president.

The Committee met February 15, 1985, and all members were present. The vice-president of both societies was also present.

During 1985, the Committee increased clerical salaries by 5% and administrative salaries by 7.5%, and will consider in 1986 whether to make

an additional 2.5% adjustment in salary schedule for administrative positions.

The Committee reviewed the concurrent investment of the Pension Fund with help from a Pension Oversight Committee report and a subcommittee report provided by the Pension Department of General Mills. We decided that the pension fund should remain invested at Norwest Trust in Minneapolis, but gave instructions to invest one-third in bonds or notes, one-third in Norwest Equity Fund, and one-third in Norwest Special Situations Fund.

The workload at headquarters continues to grow in response to expanded programs and activities of both Societies. Our greatest growth has been in books, compendia, and other nonjournal publications. The Committee approved the addition of one employee to the business office staff. We also authorized the purchase of an IBM System 36 to do the work presently done by an inadequate System 34. The existing system will be kept for limited use. We authorized the purchase of two IBM PCs with connection boards to the System 36, two System 36 terminals, and one letter-quality printer. The Committee approved the purchase of a telecommunications package for our Wang editorial system, and the replacement of the optical character reader, which had become obsolete.

The Committee also engaged the services of an architectural firm to present alternatives for possible expansion of headquarters to provide more office and storage space. We now rent warehouse space several miles away from our headquarters building. The plans considered included an addition to the existing building that would serve as warehouse and mailroom. This would make the lower level of our building available, and warehouse rental unnecessary. Total cost of the project would be \$350,000–\$400,000. The Committee is considering an interim phase, in which the mailroom would be temporarily moved to the rented warehouse facility and the lower level remodeled as space for offices, data processing, and other electronic and computer equipment. This would also include expansion of the parking lot to include 12 more spaces. The interim phase would be useful improvements whether or not we proceed with the total expansion project.—*R. J. Cook*

Report of the Membership Committee. As of August 1985, APS membership stands at 4,207. This includes 184 new members. The 1985 membership drive involved a direct mailing to 4,326 persons. This list was developed by requesting names from department heads, extension plant pathologists, and from two professional agricultural consulting organizations. A free disease compendium was offered to each new member. Forty-two free compendia were requested by the 184 new members.

As requested by APS Council, the potential for a nonjournal membership was considered. This type of membership has been of interest to technical professionals working in academic departments. With the help of APS staff, the Committee determined that if 500–2000 present members chose a nonjournal membership priced at \$45.00 per year, a net revenue loss of \$7,500–36,000 would result. These data were presented to APS Council, and the cost was considered prohibitive at this time.—*B. J. Jacobsen*

Report of the Necrology Committee. The following members have deceased since the previous report: H. C. Bucha, L. Cash, N. L. Cashion, J. V. Fulton, H. A. Gold, F. M. Gordon, Y. Gutter, D. H. Hall, E. M. Hildebrand, W. G. Hoyman, J. M. Hoffington, M. F. Kernkamp, L. J. Klotz, F. A. Laviolette, J. B. Lebeau, A. M. Michalowski, M. B. Moore, W. Muir, M. J. O'Brien, F. F. Smith, G. H. Starr, A. J. Ullstrup, F. A. Weiss, E. E. Wilson.—*C. J. Delp*

Report of the Site Selection Committee. The Committee met during the mid-year Council meeting in February 1985, and again during the APS Annual Meeting in August 1985. The Committee decided to obtain various departments' input about holding meetings in their divisions, before any negotiation or visitations occur.

Because of unexpectedly large attendance at the last few Annual Meetings, projections for 1989 and beyond have been revised. The need for a large number of hotel rooms and meeting rooms restricts our choice of locations where future meetings can be held. For the 1989 APS Annual Meeting, the Committee chose Richmond, VA, because of its new convention center with a sufficient number of rooms. For 1990, the Committee is considering the North Central or the Southern Division.—*A. K. Vidaver*

Report of the Sustaining Associates Committee. The Committee has outlined a program to increase the number of Sustaining Associates and to develop a closer relationship with the members. The Committee plans to update the Sustaining Associates brochure, to request each Sustaining Associates member to solicit names for potential members, to publish descriptions of companies in PLANT DISEASE, to solicit ideas from Sustaining Associates on their involvement in APS activities, and to evaluate the possibility of having a President's breakfast or luncheon at the

next Annual Meeting for Research and Development directors of Sustaining Associates. Most of these activities should be completed by the end of March, 1986.—*B. G. Tweedy*

Report of the Women in Plant Pathology Committee. Three subcommittees have been formed to draft a charter for the Committee, to establish an award sponsored by the Committee to recognize outstanding women plant pathologists or individuals who have significantly contributed to the success of women in plant pathology, and to plan a social for the 1986 Annual Meeting in Orlando.

The Committee agreed to follow the Placement Committee's suggestions for speakers and topics for the workshop on preparing for job interviews, to be held at the 1986 Annual Meeting. The Committee hopes that the workshop will address issues of concern to women.

The 1985 social sponsored by the Committee was well attended. M. L. Powelson has been elected vice-chairman for 1985–1986.—*S. A. Miller*

Society General Policies

Report of the Extension Committee. The Extension Committee met on August 11, 1985. Twelve Committee members and 16 guests were in attendance.

In 1985, the Extension Committee sponsored a colloquium entitled "Plant Health Strategies" moderated by vice-chairman Laura Sweets. Summaries of presentations by B. J. Jacobsen, L. S. Bird, R. C. Rowe, and R. J. Cook will be submitted for publication in *PLANT DISEASE*. The program for the Extension Breakfast included an address by APS President-Elect L. Sequeira entitled "Extension Plant Pathologists' Role in Implementation of New Biotechnologies."

The Committee presented a proposal to the Program Committee for a discussion session in 1986 on "International Programs in Extension Plant Pathology." We also proposed a symposium in 1987 on "Computer Applications for Plant Health."

Standardization of procedures for electing new Committee members were discussed. The outgoing member from each of the four regions will solicit nominations from all extension plant pathologists in the region and hold an election by mail. The new vice-chairman will be elected from the group of members who have already served one year, and will serve on the Committee for a fourth year as immediate past-chairman.

J. Riesselman assembled a national list of state extension newsletters and an updated list of extension plant pathologists. These lists will be compiled annually by the past-chairman.

E. Dutky proposed the establishment of a new APS Committee on Diagnostics. A resolution to Council was passed in support of the proposal, and Council approved the establishment of the Committee.

The Committee discussed awards for recognition of excellence in extension. An ad hoc committee was formed to study the development of an outstanding plant pathologist award.

Officers for 1986 are L. E. Sweets, chairman; and H. W. Kirby, vice-chairman.—*G. C. Bergstrom*

Report of the Illustrations of Plant Pathogens and Diseases Committee. The Committee met on August 11, 1984, and considered how to move a surplus inventory of slide sets. Cornell University Photographic Services has responsibility for the surplus. It was suggested that APS take control of all existing stock, including master slide sets. Cornell would be reimbursed from sales. The proposal was accepted by Council.

The Committee reviewed the slide sets for APS business offices to determine which were suitable for sale, and which needed revision. The Committee found that most were acceptable for sale, and will contact the authors of those that were not about revision.

The Committee will attempt to locate a suitable photographic lab to contract with APS for all photographic work.—*M. C. Hirrel*

Report of the International Cooperation Committee. The Committee provided input to Council on the food and population resolution submitted to the membership at the 1985 Annual Meeting. The Committee also planned a plenary session on food and population for the 1986 Annual Meeting.

The Committee developed procedures for the E. C. Stakman Endowment Fund to be used for mailing returned APS publications to requesting institutions in developing countries.

The Committee also developed procedures for use of a Short Term Enrichment Program grant, if it is awarded. STEP grants are available to unsponsored foreign graduate students studying in the United States who

wish to attend conferences held in the country. Plant pathology department chairmen will be notified and students will be awarded grants for attendance at the 1986 Annual Meeting in Orlando.—*H. A. Lamey*

Report of the New Fungicide and Nematicide Data Committee. In March 1985, 1,619 copies of volume 40 of "Fungicide and Nematicide Tests" were published at a cost of \$6,145.85. Additional costs for secretarial service, postage, supplies, and other items brought the cost to \$12,554.61. Volume 40 contained 392 reports and 246 pages. The publication has a cash balance of \$23,539.25 as of June 30, 1985. Based on this reserve, volume 41 of "F & N Tests" will sell for \$7.00 per copy for the eighth consecutive year.

J. Watkins and B. Fortnum will serve as chairman and vice-chairman, respectively, this year. D. Ritchie will continue to serve as editor of "F & N Tests" and J. Berggren will be business manager. A subcommittee headed by J. Watkins will be meeting with officials at APS headquarters to discuss the future of the business manager position.

The chairman of the subcommittee for revision of "Methods for Evaluating Pesticides for Control of Plant Pathogens" reported that the book has 73 chapters. The chapters have been accepted as submitted and have been forwarded to APS headquarters for processing.

Editor D. Ritchie will continue to coordinate the monthly publication of new developments on chemical disease control in *PLANT DISEASE*. The Committee supports the continuation of these reports for the coming year.—*S. A. Johnston*

Report of the Public Relations Committee. At the Committee meeting, the development of a film to replace "Design for Abundance" was discussed. The chairman from both the Teaching and the Ad-Hoc Youth committees, and the film coordinator, met with the Public Relations Committee to discuss the film. The Committee recommended to Council that the new film be funded at \$15,000. The film's producers will provide copies of the proposed script to all interested persons as soon as it is finished.

The Committee also discussed assisting the Local Arrangement Committee with press releases developed or identified from abstracts. This will be discussed further at the 1986 APS Annual Meeting in Orlando. The Committee invites any members with ideas for Committee work to contact them.

The Public Relations Committee and APS were represented at the 1985 International Science and Engineering Fair held in Baton Rouge, LA. W. Horne represented APS and will present awards at the 1986 International Science and Engineering Fair.—*B. J. Jacobsen*

Report of the Public Responsibilities Committee. The Committee met during the APS Annual Meeting in August, 1985. R. E. Ford, J. F. Fulkerson, J. E. Hunter, W. L. Klarman, S. Tolin, G. Bird, J. Jones, and W. Garrett were in attendance.

The Committee endorsed the resolution of our Society's responsibility on food and population growth.

We reviewed the appropriate role of the Committee as defined by the Society, as appropriate to the institutions and organizations represented by Society members, and as related to individual Society members. To gain a better understanding of the role of the Committee, and to become more familiar with public responsibility issues, our incoming chairman, R. E. Ford, will solicit appropriate APS committees for public responsibility issues of significant importance. The Committee will submit these ideas to Council. A questionnaire in *PHYTOPATHOLOGY NEWS* will give all APS members an opportunity to express themselves on public responsibility issues facing our Society. This will give the Society the ability to treat public responsibility issues in the most professional manner.—*W. N. Garrett*

Report of the Regulatory Work and Foreign Plant Diseases Committee. The Committee met on 11 August 1985, and discussed a proposal to amend a portion of the Code of Federal Regulations pertaining to the importation of plant materials into the United States. The changes would permit the importation of plant materials associated with sand, soil, earth, and other growing media. It was suggested that the Committee appoint a long-term member to the Committee from APHIS, PPQ to inform the Committee and APS about matters relating to plant pathology.

The Committee was informed about a plant disease computerized database established at Frederick, MD. The database collect information on diseases of crops on a worldwide basis. Information on the occurrence, severity, and losses associated with plant diseases can be obtained by plant pathologists. A questionnaire has been developed to aid in the collection of

such data. Copies can be obtained from M. Royer, USDA, ARS, Ft. Detrick, Bldg. 1301, Frederick, MD 21701.

The Committee chairman and vice-chairman for 1985–1986 is E. L. Stromberg and S. Spencer, respectively.—*E. L. Stromberg*

Report of the Standardization of Common Names of Plant Diseases Committee. The Committee met August 11, 1985 at Reno, NV. Of the 11 persons present, seven were members of the Committee.

During the past year, the Committee published the 35 commodity lists of common names of plant disease in *PLANT DISEASE* (Vol. 69, No. 8, 1985). The Committee also prepared eight new common names commodity lists and published them in *PHYTOPATHOLOGY NEWS* for public review and comment. The review process for these will be completed by January 1, 1986 and forwarded to *PLANT DISEASE* for final publication.

The Committee discussed our limited power to standardize common names when the same pathogen has a long history of usage by one name on one crop and another common name on another. J. D. Hansen will send all committee members an updated copy of the guidelines as part of the revision process. The Committee voted to extend the tenure of the chairman and vice-chairman offices to two years.

M. Royer, a plant pathologist with USDA-ARS, presented an overview of his group's effort to standardize and computerize pest names nationally and internationally. Our Committee will cooperate with him as much as possible.

C. R. Grau and R. Smiley will serve as chairman and vice-chairman, respectively, for the next two years.—*J. D. Hanson*

Report of the Teaching Committee. In 1985, the Committee sponsored a poster session and a disease recognition contest. Many did not compete because the diseases in the competition were corn and wheat. The Committee suggests that all crops be included next year. The Committee did not sponsor the annual Teaching Slide Salon due to problems with duplication and sale of slides. APS will take responsibility for sale of slide sets from the salon.

A. Baudoin is attempting to establish a list of authors and topics for a laboratory manual for basic courses in plant pathology. He will send the lists to G. N. Agrios of APS Press for approval. D. Macdonald has scripts for five instructional films he will produce, and B. Haning is working on a film to replace "Design for Abundance."

The Committee will recommend to APS Council that an award for Outstanding Classroom Teaching be established.

Next year, the Committee plans to have a slide salon and a discussion session on the use of computers in instruction. T. Stasz will be chairman for 1985–1986, and A. Baudoin and A. Filonow chairmen for 1986–1987 and 1987–1988, respectively.—*D. G. White*

Subject Matter

Report of the Bacteriology Committee. The Bacteriology Committee sponsored two discussion sessions entitled "Use of Serological Techniques in Phytobacteriology," and "Recent Advances on Taxonomy of Bacterial Plant Pathogens."

The Committee met on August 11, 1985. N. W. Schaad reported that most of the chapter revisions have been made for "Laboratory Guide for Identification of Plant Pathogenic Bacteria." One author has not yet been identified. The manuscripts have been recommended for publication in 1986.

J. Fletcher reported on topics discussed at the orientation meeting for APS chairpersons. The report concerning the long-term research objectives in plant pathology will be mailed to all Committee members and associates for comment.

J. Lindemann proposed publishing standard inoculation technique for phytopathogenic bacteria. The Committee decided to include this under a separate chapter of the "APS Laboratory Guide for Identification of Plant Pathogenic Bacteria" if suitable authors can be found.

A subcommittee was appointed to investigate the status of bactericide development in industry and the needs for further development.

The Committee proposed to sponsor a workshop at the 1986 meeting dealing with fastidious prokaryotes. A secondary topic is the fate of genetically engineered microorganisms introduced into the environment. It was also proposed that we sponsor a teach-in concerning genetic engineering techniques used with phytopathogenic bacteria, and a discussion session covering long- and short-range dispersal of bacterial plant pathogens.

R. E. Davis was elected vice-chairperson elect for 1987–1988.—*T. J. Burr*

Report of the Biochemistry, Physiology and Molecular Biology Committee. This year, the APS Council approved the name change of our Committee from the Disease and Pathogen Physiology Committee to the Biochemistry, Physiology and Molecular Biology Committee. The report

of research goals forwarded to APS and our views on the Annual Meeting format forwarded to A. Vidaver were discussed.

For the 1986 program, the Committee is preparing a colloquium entitled "Changes in Fungi at the Host-Parasite Interface," a discussion entitled "Teaching Host-Pathogen Physiology," and a workshop entitled "Current Instrumentation in Plant Molecular Biology." Proposed future programs are a 1986 workshop, "Video Microscopy Techniques in Plant Pathology"; a 1987 symposium, "Role of Membranes in Plant-Pathogen Interaction"; a discussion, "Direction and Future Research on Physiology of Rust and Other Biotrophic Diseases"; and in 1988, "Ca²⁺ Effects in Plant-Pathogen Interaction."—*A. J. Anderson*

Report of the Biological Control Committee. The annual meeting of the Committee was attended by 15 members and 20 guests. The Committee decided not to present a symposium on the use of molecular genetics in biological control at the 1986 Annual Meeting, as the subject matter is not defined sufficiently for organization. A discussion session entitled "Rationale and Approaches for Selection of Biocontrol Agents" was proposed for 1986.

At the 1985 Annual Meeting, the Committee sponsored a discussion entitled "Field Application of Biological Control Agents." Thirty contributed papers and 12 posters were also presented by the Committee.

M. Miller-Weidemann was elected vice-chairman for 1986–1987.—*D. S. Kenney*

Report of the Chemical Control Committee. The Committee met on August 11, 1985. We discussed discussion session topics for the 1986 meeting in Orlando, and will propose "Development, Registration, and Marketing of a Fungicide." We decided that the topic "Handling of Funds Received by Research Scientists for the Testing of Agriculture Pesticides" did not warrant further consideration at this time. High priority research goals submitted by the Committee to Council were read.

J. Snow was elected secretary for 1985–1986, and will become vice-chairman and chairman in 1986–1987 and 1987–1988, respectively. K. Kmetz and P. Steiner are chairman and vice-chairman, respectively, for 1985–1986.—*P. C. Pecknold*

Report of the Disease of Ornamental Plants and Turfgrasses Committee. The Committee met on August 11, 1985, and 16 persons attended.

The Committee sponsored three discussion sessions and an exhibit at the 1985 meeting. The discussion sessions were "Diseases Caused by the Gaeumannomyces-Like Fungal Complex in Turfgrasses," "Factors Affecting Performance of Soil- and Foliar-Applied Fungicides on Ornamentals," and "Endophytic Fungi in Turf and Forage Grasses." The exhibit was entitled "Nebraska Turf IPM" and included literature on diseases of ornamentals and turfgrasses.

The Committee will sponsor a discussion session entitled "Research Needs in Ornamentals and Turf Pathology" at the 1986 Annual Meeting. A. Chase will arrange a tour of the ornamental industry in Florida prior to the Annual Meeting.

G. Chastagner and M. Niedbalski-Cline will be the chairman and the vice-chairman, respectively, for 1985–1986. A. R. Chase was elected vice-chairman for 1986–1987.—*L. T. Lucas*

Report of the Epidemiology Committee. The Committee met on August 11, 1985. Eleven Committee members and 11 guests were present. The Committee decided to support the effort by the Virology Committee to organize a symposium on dispersal of plant pathogens in 1986. The Committee will sponsor a discussion entitled "Inducing Epidemics of Plant Diseases."

A colloquium on the epidemiological implications of disease resistance was discussed for 1987. Other topics proposed were the ecology of bioengineered microorganisms, the effect of physical and environmental factors on plant diseases, and the use of macroclimate to predict plant disease.

Help was requested from the Committee to identify topics and speakers for the 1988 International Congress on Plant Pathology in Japan. A subcommittee was formed for this purpose.

S. Coakley was elected vice-chairman for 1987.—*P. S. Teng*

Report of the Forest Pathology Committee. The Committee met on August 10, 1985. Of the 45 forest pathologists attending, 14 were Committee members. Topics for sponsored programs at the 1986 Annual Meeting were discussed. Discussion sessions will include "Pitch Canker," and "Current Trends in Forest Products Pathology."

To deal with declining participation of forest products pathologists in APS, the Committee will clarify with the APS editorial boards the relevance of biodeterioration to phytopathology, sponsor a discussion session on wood deterioration, and invite the participation of forest products

pathologists on this Committee. The Committee will also draft a letter to the Society of American Foresters stating our concerns.

Prior to the meeting, the Committee sponsored a 3-day forest pathology field trip. Part I had 69 participants, and black root rot, annosus root rot, and blister rust were stressed. Part II was attended by 110 persons, and dwarf mistletoe, abiotic diseases, Jeffrey pine beetle, and Elytroderma disease were studied.

At the 1985 Annual Meeting, the Committee sponsored a symposium entitled "*Verticicladiella* spp. as Root Pathogens of Conifers," and a discussion session entitled "Where is the Beef in Forest Pathology Funding?"

E. Hansen was elected vice-chairman for 1986. The Ad Hoc Committee on Forest Pathology Funding was authorized to continue gathering information during the coming year.—*L. Shain*

Report of the Genetics Committee. The Committee met on August 11, 1984. This year the Committee sponsored discussion sessions on "Political and Scientific Implications of the Release of Products of Recombinant DNA Experiments" and "Quantitative Inheritance of Disease Resistance."

A final revision has been prepared for "Genetic Nomenclature and Practice for Plant Pathogenic Fungi." The paper will be submitted to PHYTOPATHOLOGY as a Letter to the Editor.

The subcommittee appointed last year to evaluate the need for a new APS subject matter committee on genetic engineering reported that the present Genetics and Biochemistry, Physiology and Molecular Biology committees fill this need.

The Committee agreed to sponsor a colloquium entitled "Advances in Genetics of Phytopathogenic Bacteria" and to cosponsor a teach-in on "Molecular Techniques for Gene Analysis" with the Bacteriology and Virology committees. Also discussed was a symposium on "Cloned Virulence, Pathogenicity and Resistance Genes" and a discussion session on "Teaching Host-Parasite Genetics" for the 1987 Annual Meeting.

D. Coplin and D. Mills have been elected chairman and vice-chairman, respectively, for 1985-1986. C. Bronson has been elected vice-chairman for 1986-1987.—*D. Coplin*

Report of the Integrated Pest Management Committee. The Committee met on August 11, 1985, with good attendance and participation. This year the Committee sponsored a symposium entitled "Components and Techniques of IPM Threshold Determinations." Currently we plan to publish this symposium in PLANT DISEASE. Plans have been made to sponsor a discussion session entitled "International Cooperation in IPM" at the 1986 Annual Meeting. The session will be cosponsored by the Plant Disease Detection and the Plant Disease Loss Committees.

M. R. Schwarz and R. I. Bruck have been elected chairman and vice-chairman, respectively, for 1985-1986.—*C. E. Thomas*

Report of the Mycology Committee. The Committee cosponsored a colloquium at the 1985 Annual Meeting on "Changes in Fungi at the Host-Parasite Interface." At the 1986 Annual Meeting, the Committee will cosponsor a symposium on "Interaction of Mycorrhizal Fungi with Soilborne Plant Pathogens and Other Organisms." Future plans include a colloquium at the 1987 Annual Meeting on "Systematics of Plant Pathogenic Fungi: Recent Morphological and Molecular Approaches." Annual discussion sessions were proposed on recent methods and criteria for the identification of one important genus of phytopathogenic fungi each year, beginning with *Phytophthora* in 1987. The Committee discussed the importance of voucher specimens for published references to fungi and requested that the APS editorial committee encourage authors to submit and indicate the deposition of voucher material. In both 1985 and 1986, the annual meetings of the APS and the Mycological Society of America are held on the same dates. The Mycology Committee strongly recommends that this scheduling conflict be avoided.—*A. Y. Rossman*

Report of the Mycorrhizae Committee. Of the 17 persons attending the Committee meeting this year, eight were members. Plans were made for a symposium in 1986 entitled "Interaction of Mycorrhizal Fungi with Soilborne Pathogens and Other Organisms." The symposium, if approved by the Program Planning Committee, will be cosponsored by the Soil Microbiology and Root Disease Committee. Plans were also made to prepare a mycorrhizal fungus slide set for APS.

Our request for funds for the development and maintenance of a mycorrhizal culture collection has been granted.

Discussion continued on the publication of a classic about one or more outstanding pioneers in mycorrhizal fungus research. B. Lindermann will investigate the possibility.—*S. Nemeo*

Report of the Plant Disease Losses Committee. The Committee sponsored a discussion session at the 1985 Annual Meeting entitled

"Multivariate and Univariate Methodology for Crop Loss Estimation." Approximately 70 persons attended.

For the 1986 Annual Meeting, the Committee proposed to sponsor two discussion sessions entitled "International Cooperation in IPM," and "Impact of Recombinant DNA Derived Organisms." The discussion sessions will be cosponsored by other APS subject matter committees.

D. MacKenzie has become Committee chairman, and L. Madden and F. Nutter were named chairmen for 1986 and 1987, respectively.—*M. V. Weise*

Report of the Postharvest Pathology and Mycotoxicology Committee. The Committee met August 11, 1985. Nine members and seven guests were present. The Committee decided to concentrate on small, informal workshops with a specific subject for future programs. During the 1985 Annual Meeting, the Committee maintained a booth displaying publications and posters related to postharvest pathology and mycotoxicology.

The Committee plans to cosponsor a symposium with the Tropical Plant Pathology Committee in 1986. The symposium is entitled "International Activities in Tropical Plant Pathology: Problems and Priorities."

E. Lillehoj was elected chairman of the Committee and R. Spots was elected vice-chairman.—*G. A. Payne*

Report of the Seed Pathology Committee. At the APS 1985 Annual Meeting, a workshop entitled "Method of Testing Seedborne Pathogens" was conducted. Publication of the 1984 APS symposium on seed pathology is in progress, and a manual on standard methods for detecting seedborne bacteria is being developed with the cooperation of NC-135. The manual should be completed in 1986.

An ISTA project to develop a data base of important diseases was discussed by the Committee. The data base would relate pathogen detection to potential spread and crop loss, provide a basis for issuing phytosanitary permits, and justify quarantine regulations.

The Committee will sponsor a discussion session at the 1986 Annual Meeting entitled "Importance of Seed Health in International Agriculture." The session will have a panel discussion format.

W. Kaiser was elected vice-chairman.—*T. L. Kuan*

Report of the Soil Microbiology and Root Diseases Committee. The Committee met during the APS Annual Meeting on August 12, 1985. During the Annual Meeting, the Committee sponsored a symposium entitled "Control of Soilborne Diseases through Micro-Element Nutrition."

The Committee discussed the format of the Annual Meetings and agreed that how many sessions a committee could sponsor and how many oral reports given per person should be limited.

For the 1986 Annual Meeting, the Committee decided to cosponsor a symposium with the Mycorrhizae Committee. The symposium will be entitled "Interactions of Mycorrhizae with Soilborne Pathogens and Other Organisms." A discussion on "Quantitative Approaches to Assess Populations of Soilborne Propagules" will also be organized.

A. Englehard and J. Marois were elected chairman and vice-chairman, respectively, for 1985-1986.—*R. C. Rowe*

Report of the Tropical Plant Pathology Committee. The Committee met on August 11, 1985. Three members of the Committee and four guests were present. For the 1986 Annual Meeting, the Committee proposed cosponsoring a symposium entitled "International Problems and Priorities in Tropical Plant Pathology" with the Postharvest-Mycotoxicology Committee. Several guests at the meeting asked to be appointed as members of the Committee, and their names have been submitted to the senior Councilor-at-Large.

Many of the Committee's members have traditionally been pathologists working in foreign countries, which accounts for the small attendance at the Committee's meetings. The Committee proposed that the number of members appointed each year be increased above the standard in hopes of greater participation and contribution in the future.—*F. M. Latterell*

Report of the Virology Committee. The Committee met August 20, 1985. Five Committee members and 21 visitors were present. Three slide sets are scheduled to be produced this year. They include "Inclusion Bodies," "Soybean Viruses," and "Corn Viruses." An advisory committee of plant virologists will assist in deciding future policy for the plant virus collection. After a discussion on the interaction between plant virologists and ATCC, it was decided that plant virologists should be encouraged to deposit with ATCC, efforts should be made to identify how ATCC is being used and what plant virologists want from ATCC, and the Virology Committee should express comments and concerns about ATCC to the Society.

The Committee endorsed the policy that each committee sponsor one event and that each speaker be limited to a single oral presentation at each Annual Meeting.

For 1986, the Committee will sponsor a symposium on "Dispersal of Viruses and Fastidious Prokaryotes." "Management of Plant Virus Diseases" will be requested as a symposium topic for 1987.

R. O. Hampton and J. A. Dodds have been elected chairman and vice-chairman, respectively, for 1985-1986. J. L. Sherwood has been elected vice-chairman for 1986-1987.—*C. J. D'Arcy*

REPORTS OF SPECIAL AND AD HOC COMMITTEES

Report of the Special Committee on the Endowment Fund. At the APS Annual Meeting in 1984, this Committee was formed to build a pool of funds for use in special projects, to oversee the investment of the funds and to recommend appropriate uses of income from the funds.

The Committee developed tentative recommendations that were reviewed with the Council at the 1985 Annual Meeting in Reno, NV. We hope to complete a final draft of recommendations and submit it to the Council in February 1986. The recommendations include establishment of a Steering Committee to identify sources of funds, design a program for giving in accordance with donors and fund sources, to oversee investment of endowed funds, and to identify and describe appropriate special projects for use of income from endowed funds. Reactions to the recommendations and ideas will be sought from various committees.

The members of the Committee met in Reno, NV, and participated in discussion and planning.—*R. A. Young*

Report of the Special Committee on Long-Range Research Goals. Members of the Committee met in Madison, WI, January 8-11, 1985 to develop the report submitted to APS Council for their midyear meeting. A brief meeting was held at the APS Annual Meeting in Reno, NV, and a final report submitted to APS Council. Council recommended that the report be published in *PHYTOPATHOLOGY NEWS* and as an editorial in *PLANT DISEASE*. This report will be presented as a workshop on agricultural research priorities at the Annual Meeting of the American Society of Agricultural Engineers in Chicago, IL, December 18, 1985.—*D. P. Maxwell*

Report of the Special Committee on Youth Programs. The Committee met during the APS Annual Meeting in Reno, NV.

The Committee accepted an invitation from the National Association of Biology Teachers to prepare a monograph for teachers, to be published as part of their new monograph series. A brief outline of subject areas to be included was agreed upon. The Committee is considering joint publication of the monograph by APS Press and the NABT.

The Committee will proceed with the development of a Resource Notebook, a compilation of resources for educators and youth group leaders. It will contain 10 teaching modules on core plant pathology concepts. The Committee will solicit funding to support this activity.

Members of the Committee plan to write or coordinate the writing of articles for science teachers to be published in the *American Biology Teacher* and *Science of Food and Agriculture*. The Committee decided that our goal of incorporating plant pathology information into textbooks will be met by encouraging textbook authors to read the monograph and resource notebook prepared by the Committee.

The Committee met with the Public Relations Committee and the Teaching Committee. We decided that our functions do not overlap.

F. Bergstrom was elected chairman for 1985-1986.—*F. B. Bergstrom*

REPORTS OF DIVISION COUNCILORS

Report of the Caribbean Division Councilor. The 24th annual meeting of the Caribbean Division of APS was held October 22-26, 1984, at the Hotel Irazú in San José, Costa Rica. The meeting was opened officially by Divisional President Ing. M. Jiménez. Sixty-four research papers representing all major areas of phytopathology were presented. A discussion session on coconut yellows, two round table discussions on coffee rust and the future of phytopathological research on bananas and plantains, a presentation on biochemical processes in initial interactions between *Pseudomonas solanacearum* and the host tissue, and a workshop on diagnosis and identification of virus with light microscopy were held. Two tours were also held: one to the eastern region of Costa Rica to visit the Irazú volcano and the CATIE facilities at Turrialba, and the other to the western region of the country to visit the Poas volcano and the Fabio Baudorid Experiment Station.

The 25th annual meeting of the Division was held in Guanajuato, Mexico, September 10-15, 1985. G. Gálvez was in charge of coordination details for the meeting.—*R. Rodríguez-Kábana*

Report of the North Central Division Councilor. The Division held its annual meeting June 24-26, 1985 at the University of Missouri, Columbia. There were 150 persons attending. Open houses and receptions were

sponsored by the Department of Plant Pathology before and after the sessions. All sessions consisted of invited speakers; volunteered papers were presented only as posters.

The first morning a symposium entitled "Genetic Interactions Between Plants and Pathogens" was held. Poster sessions, an extension workshop and the business meeting were held during the afternoon. On the second morning, four concurrent discussion sessions on "Transformation of Plant Cells," "Mycotoxins and Mycotoxins," "Plant Membranes: Alterations Due to Disease," and "DNA Sequencing: Principles and Practices" were held. Forty-six posters were presented.

Rebecca Sanders of Purdue University won first place in the graduate student poster award competition. Tyre Proffer of Michigan State University won second place.

S. Jensen was elected president of the Division for 1986. C. Curtis was elected vice-president and R. Rowe and M. Lacy will continue as councilor and secretary-treasurer, respectively. The Division will meet in Nebraska in 1986 and in Cincinnati, OH in 1987.—*R. C. Rowe*

Report of the Northeastern Division Councilor. The Division met in Canada in conjunction with an annual meeting. Only 19 of the 320 active members were present, but attendance by Northeast plant pathologists at Guelph was good.

Merit Awards were presented to R. J. Campana and W. Merrill, Jr.

The Division will meet in November at Rhode Island and in Vermont the following year. 1987 meetings will be in New Jersey. C. Beckman was elected president; D. Rosenberger, vice-president; and B. MacHardy, secretary-treasurer.—*R. A. Rohde*

Report of the Pacific Division Councilor. The 71st annual meeting of the Pacific Division was held August 12, 1985, at the 1985 APS Annual Meeting in Reno, NV.

The history of the Pacific Division was summarized in *PHYTOPATHOLOGY NEWS* (Vol. 19, No. 7, 1985). The 14 original members met in 1914 at the University of California Farm School in Davis. Currently, there are approximately 750 plant pathologists in the Division.

The Division published and distributed a newsletter in 1985. In the newsletter, division members were alerted to upcoming meetings and activities. The newsletter also solicited their opinions on dates and locations for the annual divisional and national meetings of APS and the development of a Doctor of Plant Health Degree.

Officers of the Division for 1985-1986 are: G. Mink, immediate past-president; M. Nelson, president; A. Weinhold, vice-president; and G. Chastagner, secretary-treasurer. A. Paulus and J. Ogawa were elected to serve as vice-president and councilor, respectively. A. Weinhold will serve as president-elect in 1986-1987 and as APS president in 1987-1988. The Division will hold its 1986 meeting in the Sacramento area. A student paper competition will be held at this meeting.—*M. Wiese*

Report of the Potomac Division Councilor. The 42nd annual meeting of the Potomac Division was held March 20-22 at the Sheraton Lakeview Resort and Conference Center in Morgantown, WV. The meeting was hosted by the Department of Plant Pathology and Agricultural Microbiology of West Virginia University. More than 160 persons registered, and 68 research papers were presented, including 19 in the graduate student competition.

The meeting began the first evening with three discussion sessions entitled "Transfer Technology in Plant Pathology," "Career Opportunities for Graduate Students," and "New Disease Situations."

K. J. Lewis and D. P. Roberts, both of Virginia Tech, won the graduate student paper awards.

New Division officers for 1985-1986 are: R. W. Goth, president; T. Vander Zwet, vice-president; R. B. Carroll, secretary-treasurer; and L. D. Moore, Division councilor. The 1986 annual meeting will be held April 2-4 at the Adult Education Center, University of Maryland, College Park.—*L. D. Moore*

Report of the Southern Division Councilor. The Division held its 61st annual meeting in Biloxi, MS, February 3-6, in conjunction with the Southern Association of Agricultural Scientists meeting. Approximately 100 persons attended. The program consisted of 62 oral papers, including 10 in the graduate student award competition. Concluding the program was a symposium on "Southern Stem Canker of Soybeans."

G. S. Smith received the first place award in the graduate student competition. P. C. Lyons received second place. Both are from the University of Georgia, Athens. L. W. Baxter of Clemson University, SC, received the Outstanding Plant Pathologist Award.

Currently, membership is near the largest in the Division's history with more than 600 members.

The Division will meet during the APS Annual Meeting in Orlando this year. New officers are: S. McCarter, president; D. Hopkins, vice-president; and K. Conway, secretary-treasurer.—*O. W. Barnett*