

AACP REPORTS

2013 American Association of Colleges of Pharmacy Annual Report

MESSAGE FROM THE PRESIDENT AND CEO

Getting to the Right Tables of Influence

Partnership was a driving force at AACP during the past year. We sought “all the right tables of influence,” pursuing other organizations in education and health-care that are contributing to the dramatic changes underway in our society. We are pleased to provide a recap of this work in the context of AACP’s 2012-13 broad accomplishments.

Chief among the important tables of influence at which AACP had a seat in 2012 was the unique summit hosted by the Accreditation Council for Pharmacy Education. AACP leaders and others from the Academy worked with ACPE to critically examine forces of change in healthcare that should impact the next version of ACPE standards and guidelines for Pharm.D. program accreditation. These guidelines will affect pharmacy education and the Academy’s contributions to society for many years to come.

The Institute of Medicine was another influential table to which AACP was drawn. In partnership with the American College of Clinical Pharmacy and Research Corporation Technologies, AACP initiated the first IOM anniversary fellowship in pharmacy. Dr. Sam Johnson, clinical pharmacy specialist at Kaiser Rocky Mountain and clinical instructor at the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, is now serving in the first of this two-year fellowship. He will be interacting with IOM members during study committees, forums and board meetings.

Our work to advance interprofessional education ensures that pharmacists are integrated as essential team players in healthcare delivery redesign. AACP—along with its five partner organizations in the Interprofessional Education Collaborative, representing medicine, nursing, dentistry and public health education—convened two IPE institutes this past year. We’ve planned three more to meet the strong demand for faculty development to accelerate interprofessional learning at our member institutions. Again, the IOM was an important platform for examining IPE. As a founding member of the IOM Global Forum on Innovation in Health Professions Education, AACP co-chaired the planning committee for the first two forum workshops, which explored ways to advance IPE across all the health professions and in a global context.

AACP’s interaction with thought leaders continued throughout the year. Cooperative efforts—such as those with the IOM and ACPE along with many others—strengthened our member service to pharmacy schools and educators in multiple meaningful ways. This annual report offers a summary and shines a light on our efforts to discover, learn and care in order to improve health.

J. Lyle Bootman, PhD
President

Lucinda L. Maine, PhD, RPh
Executive Vice President and CEO

CRITICAL ISSUE #1

Human Resources for Education, Research and Service

How does AACP assist members in attracting, motivating, developing and retaining the highest quality and most diverse faculty, students, administrators and professional staff?

Academic Leadership Fellows Program

A strong pharmacy Academy requires continuous robust leadership. AACP plays a vital role by helping gifted faculty prepare for roles as future academic leaders. Through Academic Leadership Fellows Program, pharmacy school deans nominate faculty, mentor fellows during their ALFP year and facilitate development sessions. ALFP is now enrolling its 10th cohort. This brings the total number of participants to nearly 300 since the program began.

An advisory committee is being convened to reflect on the first decade of ALFP. The committee will put forth recommendations to ensure that participants continue to flourish through this superlative professional development opportunity.

Interprofessional Education and Faculty Development

The Interprofessional Education Collaborative (IPEC) hosted an encore faculty-development institute, Building Your Foundation for Interprofessional Education, in October 2012. Sixty-five institution-based teams of three to five professionals participated in the program, held in Atlanta. Each team represented various facets of healthcare, including pharmacy, dentistry, medicine, nursing, osteopathic

medicine and public health. Participants engaged in interactive sessions to learn the core competencies of interprofessional teamwork and developed an implementation plan for their institution. This brings the number of 2012 IPEC Institute participants to over 450 individuals from almost 90 teams.

Building upon the success of the foundational faculty development institutes, IPEC also offered the Interprofessional Faculty Development Institute for Quality Improvement and Patient Safety, held in Herndon, Virginia. The goal of the institute was to create faculty champions who can enhance interprofessional curricula, learning experiences, and assessment of learners in quality improvement and patient safety at the point of care. Three additional institutes will be offered in the coming year.

As an IPEC founding organization, AACP promotes team collaboration in the education and practice of pharmacists and other healthcare professionals. The additional founding members are the American Association of Colleges of Nursing, the American Association of Colleges of Osteopathic Medicine, the American Dental Education Association, the Association of American Medical Colleges and the Association of Schools of Public Health.

AACP Walmart Scholars Program

Developing future faculty is the focus of the AACP Walmart Scholars Program. Through its innovative design, the program brings Pharm.D. graduate students, residents and fellows to the AACP Annual Meeting to strengthen their commitment to an academic pharmacy career.

The number of scholarships increased from 75 in 2012 to 85 in 2013. During the program's eight-year history, nearly 500 scholarships have been granted.

AACP Exhibit Booth

Faculty recruitment receives key support from the AACP exhibit program. During the past year, AACP exhibited at three national and five regional meetings. The booth promoted not only the benefits of AACP membership, but also the rewards that come from a career in academic pharmacy.

AACP staff and volunteers engaged with attendees at meetings hosted by the American College of Clinical Pharmacy, in Hollywood, Fla., the American Society of Health-System Pharmacists, in Las Vegas, and the American Pharmacists Association in Los Angeles. AACP also set up table-top displays at five regional APhA Academy of Student Pharmacists meetings.

Staff are currently evaluating the exhibit strategy with an eye toward enhancements. As value-adding ideas are considered, faculty recruitment is top of mind.

Pharmacy College Application Service

The Pharmacy College Application Service (PharmCAS) completed its tenth cycle this year with 110 participating institutions, up from 103 last year. In the 2012–13 admissions cycle, PharmCAS experienced a 1.2 percent increase in the number of applicants and a 0.6 percent decrease in the number of applications submitted, with an average of 4.57 applications per applicant, which is a 1.8% decrease from the previous year. This decrease is due to applicants applying to fewer schools. The accompanying tables display additional data (Table 1 and Table 2). Promoting student diversity and access to pharmacy education, AACP continued the PharmCAS fee waiver program for financially disadvantaged applicants.

CRITICAL ISSUE #2

Academic Resources and Program Quality

How do we facilitate members having the necessary resources to advance their institutional missions and achieve the highest quality programs that exceed the standards of accreditation bodies?

Center for the Advancement of Pharmacy Education

During the past year, the Center for the Advancement of Pharmacy Education has been extremely active in pursuing a revision of the CAPE Educational Outcomes Statements. In a joint session with colleagues from the Interprofessional Education Collaborative, the CAPE panel gained input from the other health professions. CAPE representatives also attended a listening session held at the 2012 AACP Annual Meeting. The themes that emerged validated earlier discussions.

Several CAPE representatives subsequently participated in the Accreditation Council for Pharmacy Education's September 2012 Summit, "Advancing Quality in Pharmacy Education: Charting Accreditation's Future" and brought back information to share with the rest of the panel. An update was provided to attendees at the 2013 AACP Interim Meeting, and the panel is now working to finalize and release CAPE 2013 at the July 2013 AACP Annual Meeting.

Global Pharmacy Education

AACP's global activities expanded significantly in the past year. The Association participated and presented in international pharmacy education meetings in Amsterdam, Cuba, Canada, Dubai and Turkey.

Table 1. Applicants (Number of Schools)

2010-2011	2011-2012	2012-2013
17,451 (96)	17,406 (103)	17,617 (110)

Table 2. Applications (Number of Schools)

2010-2011	2011-2012	2012-2013
85,253 (96)	80,977 (103)	80,497 (110)

The Global Alliance for Pharmacy Education, established as a networking organization of the associations of pharmacy educators, met during the AACP Annual Meeting as well as at the Centennial Congress of the International Pharmacy Federation (FIP). GAPE welcomed the International Services Program of ACPE as a partner organization. AACP's Global Pharmacy Education SIG continued its efforts to assist member institutions in identifying and administering student pharmacist placements for global rotations.

Institutional Research

In March 2013, AACP launched a new online survey system that makes it easier for schools to administer surveys, submit survey data and run customized reports. Highlights of the system include:

- a calendar to track opening and close dates of surveys;
- a resource area where schools can find copies of the surveys, user guides, frequently asked questions and institutional research related tools;
- a reporting module that allows schools to run customized reports with their institutional and peer data; and
- a dashboard module to graphically display key elements from the reporting module.

AACP also implemented a revised Financial Survey in 2012. The new Financial Survey provides more detailed information related to school expenditures, revenues and funding for research and training. The survey also contains a key questions section that will rotate periodically and allow AACP to annually evaluate and incorporate pertinent and topical financial issues into the survey. A total of 103 schools completed the new survey, up from 91 schools in the previous year.

Assessment

AAMS. To help pharmacy schools fulfill assessment and accreditation goals, AACP designed the Assessment and Accreditation Management System in partnership with the Accreditation Council for Pharmacy Education. Since the system's release in 2011, use has been strong: 31 pharmacy institutions have submitted AAMS self-study reports to ACPE. Many schools have taken advantage of the online training available on the AACP Web site.

Award for Excellence in Assessment. The Award for Excellence in Assessment recognizes outstanding Doctor of Pharmacy assessment programs for developing and applying evidence of outcomes as part of the ongoing evaluation and improvement of pharmacy professional education. The 2013 award recipients are:

- **Stuart J. Beatty, Pharm.D., BCPS, CDE, Katherine A. Kelley, Ph.D.,** The Ohio State University College of Pharmacy: *Measuring Pre-APPE Outcomes as Part of a Pharm.D. Program Capstone Experience*
- **Norma J. Owens, Pharm.D., Celia P. MacDonnell, Pharm.D., Marilyn M. Barbour, Pharm.D., and Eunsun Noh,** The University of Rhode Island College of Pharmacy: *Yearly Progress Exams: An Analysis of Correlation between Knowledge and Skills*
- **Jane M. Souza, Ph.D., Jennifer L. Mathews, Ph.D., Richard F. O'Brocta, Pharm.D.,** St. John Fisher College Wegmans School of Pharmacy: *Evidence-Based Curriculum Mapping through Embedded Assessment*

Innovations in Teaching Competition

Each year, the Innovations in Teaching Competition acknowledges notable teaching and learning strategies and assessment methods. The 2013 awardees are:

- **Anne F. Gentry, Pharm.D., Karen L. Kier, Ph.D., BCPS, BCACP, Natalie A. DiPietro, Pharm.D., M. P.H., Andrew M. Roecker, Pharm.D., BCPS,** Ohio Northern University Raabe College of Pharmacy: *The Pharmacy and Wellness (PAW) Review - An Academic Review of Therapeutics*
- **Meghan N. Jeffres, Pharm.D., Sean M. Barclay, Pharm.D.,** Roseman University of Health Sciences College of Pharmacy: *Gaming the System: Using Card Games to Facilitate Student Learning of Infectious Diseases and Cardiology*
- **Jennifer L. Rodis, Pharm.D., Julie E. Legg, Pharm.D., Kristin A. Casper, Pharm.D.,** The Ohio State University College of Pharmacy: *Partner for Promotion Program*

2012 Annual Meeting

A record-setting 1,980 attendees engaged in the 2012 AACP Annual Meeting, which took place in Kissimmee, Florida, last July. Pharmacy educators enjoyed a week packed with learning and networking. Sessions covered a wide range of topics, including interprofessional education, assessment, management, and the scholarship of teaching and learning. Speakers led participants through discussions of developments in pharmacy education and practice.

Exhibit hours allowed conference attendees to view the latest products and services that support their work. More than 40 companies and organizations participated in the showcase. Poster sessions provided additional opportunities to learn and share ideas.

Keynoting the Annual Meeting opening general session was Sir Ken Robinson, an expert on education reform and a respected adviser to governments in Europe, Asia and the United States. Robinson enlightened and entertained the audience with this talk about the dire need for truly creative thinking at all levels of the learning continuum.

The Science Plenary featured Dr. Bryan W. Brooks, professor of environmental science and biomedical studies at Baylor University, and R. Gil Kerlikowske, director of the Office of National Drug Control Policy. Their provocative presentations addressed the impact of medications on society in the contexts of the environment and drug abuse.

2013 AACP Institute: Teaching Essentials

The 2013 AACP Institute, *Teaching Essentials*, was held in May in Leesburg, Virginia. Thirty-eight institution-based teams of three to five educators participated in the program. Participants engaged in interactive sessions designed to provide a foundation and practical application of fundamental teaching principles. Teams focused on developing learner-centered sessions, constructing assessments, and evaluating the effectiveness of teaching. Throughout the meeting, designated team time allowed groups to further research ideas and develop plans for implementation at their home institutions.

Student Affairs and Experiential Education Workshop

For the first time, the Experiential Education workshop included programming with colleagues from Student Affairs. The inaugural Student Affairs and Experiential Education Workshop, *Developing Quality Administrative Practice*, was held in September 2012 in San Antonio, Texas. More than 150 attendees participated in this interactive workshop designed to encourage collaboration and networking among colleagues within and across the student affairs and experiential education disciplines.

Participants selected one of three programming tracks, including: (1) Administration of Experiential Education, (2) Understanding your Population and Scholarship in your Field, or (3) Professionalism and Student Affairs. Joint programming included discussions on professionalism of students in experiential education and, more specifically, in the interprofessional setting. Feedback suggested continuing with joint student affairs and experiential education programming and holding the workshop every other year. Planning is underway for a 2014 workshop.

2013 Interim Meeting

In February, AACP held its first off-shore meeting in Rio Grande, Puerto Rico. The 2013 Interim Meeting, *Leadership for Institutional Effectiveness*, concentrated on how institutions can quantify achievements toward their mission, strategic plan and student outcomes. In attendance were more than 250 members, including deans, department chairs, assessment directors, and aspiring leaders in the Academy.

An inspiring keynote was delivered by Lawrence G. Smith, M.D., MACP, Executive Vice President and Physician-in-Chief, North Shore-LIJ Health System, and Dean, Hofstra North Shore-LIJ School of Medicine. Dr. Smith identified what competencies major healthcare employers expect in a transformed health system and how learning must change in our classrooms and patient care environments. Additional programming examined the leadership role in creating a culture where institutional research is valued and how assessment can influence an institution's strategic planning process.

The CEO Deans Leadership Forum focused on how leaders can activate the changes we aspire to see in pharmacy practice. Terry McInnis, M.D., M.P.H., FACOEM, President and Founder, Blue Thorn Inc., and Rebecca P. Snead, R.Ph., Executive Vice President and CEO, National Alliance of State Pharmacy Associations, led the discussion. They highlighted ways academic pharmacy leaders can be the innovators in designing and selling robust medication therapy management services on campus, in their communities, across the state and beyond. Two active learning panels then delved into more details on the development, marketing and quality assurance of school-coordinated MTM programs.

Webinar Programming

AACP's expanded Webinar programming is a growing endeavor that serves two key purposes for the membership. First, Webinars give the Sections and Special Interest Groups a tool for constituent engagement. Each Section/SIG is allowed three programmatic Webinars and three operational Webinars (business meetings). During the past year, Sections and SIGs hosted more than 20 Webinars. Each Webinar is recorded and posted to the AACP Web site for public viewing.

The second purpose of the Webinar programming is member and committee collaboration on behalf of AACP. The Webinar platform has been used for multiple business functions such as AAMS training, CAPE Outcomes Committee collaboration, orientation for new delegates to the House of Delegates, Finance Committee updates, Board of Directors updates, and Administrative and Financial Officer's training.

Plans are in the works for AACP's Advocacy team to bring updates to the membership via the Webinar platform and for the Education team to develop new programming to serve AACP members' professional development needs.

Online Learning Center

One of AACP's newest initiatives is the Online Learning Center. The OLC houses recorded sessions and materials from past AACP meetings. All recordings are available to meeting attendees. In addition to the recorded sessions, materials from poster sessions are available for review as PDFs. AACP continues to expand the OLC. As more materials and programs are added, the OLC will become the enduring archive of online multimedia for the Association.

MedEdPORTAL (<https://www.mededportal.org/ipe>)

Providing a repository of interprofessional education resources for member use is a priority for AACP and IPEC. MedEdPORTAL's Interprofessional Education portal fosters the identification, development and deployment of educational resources aimed at supporting team-based care essential to training an interprofessional workforce. With funding from the Josiah Macy Jr. Foundation, the IPE collection is an emergent product of collaboration among the Interprofessional Education Collaboration, the American Psychological Association, the Physician Assistant Education Association and the American Physical Therapy Association. The portal provides three types of resources—peer-reviewed learning resources and assessment tools, continuing education modules and iCollaborative, a dynamic space for sharing strategies, tools and resources that are not peer-reviewed.

CRITICAL ISSUE #3

Professional Practice Development

How do we help fully integrate pharmacists into the rapidly changing health care environment and prepare our faculty and students to understand and fulfill those roles?

Medication Adherence Educators Toolkit

The new Medication Adherence Educators Toolkit is an outgrowth of the 2012 Innovative Medication Adherence Educators Challenge sponsored by AACP and the National Community Pharmacists Association. Provided in the toolkit are current teaching strategies for preparing student pharmacists to detect, monitor and improve medication adherence in pharmacy practice. This valuable resource addresses the areas of assessing medication adherence, improving medication adherence through the use of aids, empowering patients to improve medication adherence and resolving barriers to medication adherence.

AACP Collaboration with Food Marketing Institute Foundation

Top of mind in today's society is the goal of good health and wellness. This is due to a variety of reasons, including the "triple aim" of improving the experience of healthcare, improving the health of populations and reducing the costs of healthcare. Recognizing these priorities, AACP and the Food Marketing Institute Foundation collaborated this year to provide grant funding for small conceptualization practice model activities involving pharmacists and nutrition professionals in food retail establishments. Up to five Health and Wellness Pharmacy Practice Ideation Awards will be granted in July 2013 to individual pharmacy school faculty who collaborate with a retail or independent food market to explore a practice model activity involving pharmacy and nutrition. All awardees will present their research findings at the 2014 AACP Annual Meeting.

Lawrence C. Weaver Transformative Community Service Award

The *University of Mississippi School of Pharmacy* was honored for its significant institutional commitment to addressing unmet community healthcare needs through education, practice and research. One school program, the Delta Pharmacy Patient Care Management Project, has gone beyond the traditional academic role in service. The project is a community-based research approach to providing innovative pharmacy services in the Mississippi Delta, an impoverished region with many healthcare needs. This project has multiple initiatives, including implementing Medication Therapy Management (MTM) services, integrating pharmacists into health information technology, implementing disease education classes and developing two Community Pharmacy Residency positions.

Student Community Engaged Service Awards (sponsored by Teva Pharmaceuticals)

The following teams were recognized for outstanding student-led community engagement programs delivering consumer education about medication use.

- **University of Arkansas for Medical Sciences College of Pharmacy**

Student Team Leader: Corey J. Hayes

Faculty Advisor: Schwanda K. Flowers, Pharm.D.

- The University of Arkansas for Medical Sciences College of Pharmacy began working with the Consulate of Mexico in Little Rock in 2010. Screening and immunization clinics at the Consulate involved students and faculty from the College of Pharmacy, community pharmacists, community pharmacy residents and translators.

Patients were screened for diabetes, hyperlipidemia, osteoporosis and hypertension. In addition, student pharmacists under pharmacists' supervision provided H1N1 immunizations.

● **University of California, San Francisco School of Pharmacy**

Student Team Leader: Rebecca Hluhanich

Faculty Advisor: Marilyn R. Stebbins, Pharm.D.

- The Partners in D program started at the University of California, San Francisco (UCSF) School of Pharmacy in 2006, when four student pharmacists and faculty identified a need to help underserved Medicare patients understand the Medicare Part D prescription drug program (Part D). Under the supervision of faculty members, students visited low-income housing complexes in the San Francisco Bay Area and used personal laptop computers and cell phones to help underserved seniors navigate the complex Part D benefit.

● **Creighton University School of Pharmacy and Health Professions**

Student Team Leader: Edward M. Saito

Faculty Advisor: Ann M. Ryan-Haddad, Pharm.D.

- The Creighton University Interprofessional Falls Prevention Program assisted Seven Oaks of Florence, an independent living community in Omaha, Neb., in completing its COLLAGE Health Assessments. This is a customized suite of standardized and systematic resident assessments that evaluate health and wellness in areas such as memory loss, nutrition, balance and mental well-being.

● **University of Nebraska Medical Center College Pharmacy**

Student Team Leader: Kyle McCartney

Faculty advisor: Kristen M. Cook, Pharm.D.

- The Student Health Alliance Reaching Indigent Needy Groups (SHARING) Clinic is an interdisciplinary program that brings together medical, nursing, pharmacy, physician assistant, physical therapy, medical technology, public health, counseling and nutrition students. They provide care to the uninsured and indigent in the Omaha area in various clinic settings. These include a family medicine clinic, a clinic for prevention and treatment of sexually transmitted diseases, and a clinic providing care for patients with type 2 diabetes.

Pediatric Pharmacy Special Interest Group

The AACP Board of Directors approved the formation of a Pediatric Pharmacy Special Interest Group. This

volunteer community will facilitate faculty collaboration and communication of innovations in teaching, research, practice and service activities related to neonatal and pediatric pharmacotherapy. By sharing ideas and experiences, this group can make a significant positive impact on student learning. There are now 20 special interest groups representing the broad areas of pharmacy faculty expertise. Members are invited to join as many SIGs as they wish to enhance their membership value and professional development.

Pharmacy Fellowship at Institute of Medicine

Last July, in partnership with the American College of Clinical Pharmacy and Research Corporation Technologies' Cottrell Foundation, AACP launched the Institute of Medicine Anniversary Fellowship Program for Pharmacy. This faculty development program brings a promising early-career pharmacist/faculty member to the interprofessional table of the IOM along with fellows from medicine and nursing. Over a two-year period the fellow is integrated into a variety of IOM studies, forums and workgroups, each addressing priority issues of health care organization, quality and financing.

The first fellow, Dr. Samuel G. Johnson, is a clinical instructor at the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences. He also serves as a clinical pharmacy specialist in applied pharmacogenomics at Kaiser Permanente in Denver.

CRITICAL ISSUE #4

Advocacy

How do we strategically position AACP to carry out its advocacy agenda to build recognition of our members' contributions to the health of the public?

Keys to Successful Advocacy

Successful advocacy is frequently a collaborative endeavor. Collaboration is dependent on a common set of values or expectations around a given issue. Those issues can be found at the local, state and national levels. AACP collaborates with dozens of organizations to carry common messages to local, state and national policy makers.

Alliance for Pharmacist-Provided Patient Care

Participation in the Alliance for Pharmacist-Provided Patient Care is AACP's longstanding collaboration with national pharmacy organizations to impact state-level changes and improve patient outcomes. The Alliance originally focused on building support among state legislators attending the National Conference for State Legislatures annual meeting for the development and passage of collaborative drug therapy management laws. Today,

the success of the Alliance can be seen in the 40-plus states that now include this type of law in their pharmacy practice acts.

The Alliance continues to increase opportunities for patients and providers to benefit from greater partnerships with pharmacists. Included are efforts to help state legislators understand the role pharmacists can play in helping them grapple with the ever-increasing drug costs within state Medicaid programs.

Team Up. Pressure Down.

During the past year, pharmacy faculty have continued to influence health and education through teaching, research and service. The influence of pharmacy faculty working with community partners is a strength of the Million Hearts “Team Up. Pressure Down.” program. Increasing the capacity of community-based pharmacists to consistently use evidence-based strategies such as those provided through this program can improve patient adherence to their blood pressure medications.

Determining how to move from medication adherence best practices to a standard of care, AACP initiated the Pioneer Challenge, which will provide insight into successful implementation strategies fostered by community-campus partnerships. Pharmacy faculty contributed countless hours of volunteer time through community events hosted by their students. They also shared research and knowledge to improve specific aspects of health and education policy, including quality measure development and evaluation, pain management guideline updates, contributions to Alzheimer’s disease curriculum development, and comments on a systematic review of the medication therapy management literature.

Script Your Future

AACP, the NACDS Foundation, the American Medical Association, the National Community Pharmacists Association and the National Consumers League (NCL) sponsored a month-long outreach project in February, the Medication Adherence Team Challenge. Academic health profession student programs were challenged to implement creative solutions in their communities to raise awareness about the importance of patients taking their medications as prescribed by using materials from the NCL “Script Your Future” campaign. The Team Challenge engaged interdisciplinary student teams from pharmacy, medicine, nursing and other health professions. Select institutions will be recognized nationally in July 2013 for their efforts to tackle the problem of poor adherence.

Integrating Pharmacists into the Healthcare Team

AACP has worked with a number of other pharmacy organizations to improve care, improve health and reduce

costs through the involvement of pharmacists into evolving integrated healthcare delivery systems. Attention has focused on developing documents that will support reversing the omission of pharmacists and pharmacist services in Part B of Medicare. This omission, while not a significant concern when Medicare was established, may place Medicare beneficiaries at higher risk of adverse medication events, which can result in unnecessary emergency room visits and hospital admissions and readmissions due to increasingly complex medication regimens. The organizations are finalizing a principles document that will help guide discussions with policymakers about reversing the omission.

CRITICAL ISSUE #5

Research and Scholarship

How do we impact academic pharmacy’s ability to strengthen research and other scholarship in practice, education and the pharmaceutical, administrative, translational and clinical sciences?

2012 Robert K. Chalmers Distinguished Pharmacy Education Award

- **Jean M. Nappi, Pharm.D., FCCP, BCPS**, Professor of Clinical Pharmacy and Outcome Sciences at South Carolina College of Pharmacy, was honored for excellence in teaching, research and scholarship, as well as overall impact on pharmacy education and the profession.

2012 Paul R. Dawson Biotechnology Award

- **Tejal Desai, Ph.D.**, Professor of Biosystem Design, Department of Physiology at the University of California, San Francisco, was recognized as a leader in the contemporary teaching of and scholarship in biotechnology.

2012 Volwiler Research Achievement Award

- **Gene D. Morse, Pharm.D.**, Professor of Pharmacy Practice, Medicine and Pediatrics at the University at Buffalo, The State University of New York, was recognized for outstanding research and contributions to the field of pharmaceutical sciences.

2012 Rufus A. Lyman Award

The following awardees were recognized for the best paper published in the *American Journal of Pharmaceutical Education*, “Cross-Validation of an Instrument for Measuring Professionalism Behaviors” (Volume 75, Issue 9, 2011).

- **Katherine A. Kelley, Ph.D.**, Assistant Dean for Assessment & Accreditation, Pharmacy Practice and

Administration, The Ohio State University College of Pharmacy

- **Luke D. Stanke, B.S.**, Assessment Coordinator, Office of Assessment, University of Minnesota College of Pharmacy
- **Suzanne M. Rabi, Pharm.D.**, Assistant Dean, Office of Academic Affairs, University of Illinois at Chicago College of Pharmacy
- **Sarah E. Kuba, Ph.D.**, Director of Assessment/Associate Student Services, University of Wisconsin-Madison School of Pharmacy
- **Kristin K. Janke, Ph.D.**, Professor, Pharmaceutical Care & Health Systems, University of Minnesota College of Pharmacy

Academic Research Fellows Program

AACP is pleased to announce a new leadership development initiative, the Academic Research Fellows Program. ARFP is a year-long program to expand the leadership capabilities of established faculty research scientists and administrators and cultivate collaborative team research and graduate education across institutions. Participants will gain experience in developing innovative research strategies to secure funding from federal and other public and private sources. Participants will also gain insight into the dynamics, management, institutional structures and policies that affect research teams. In addition to sessions in residence, fellows will participate in a collaborative group project.

New Investigator Awards Program

The New Investigator Awards Program, formerly named New Investigators Program for Pharmacy Faculty and supported in collaboration with the American Foundation for Pharmaceutical Education since 1986, has been fully funded by AACP since 2010. This program provides start-up grants for new pharmacy faculty-initiated research projects. During the 2012-13 academic year, 122 applications were received for peer review by expert panels assembled from each of AACP's governance sections. All applications were reviewed, and each award was based on scientific merit. At the conclusion of the review process, each applicant received the reviewers' comments.

Seventeen awards were conferred, each up to \$10,000 plus a \$1,000 travel allowance for the new investigators to attend the 2014 AACP Annual Meeting and present their research findings.

2012 Faculty Research Grant Data Report

Since 1998, AACP has annually collected and reported our information on faculty principal investigator

(PI) research grants awarded by the National Institutes of Health. Now the AACP report on faculty research grant data is available as an online directory for members to view, select parameters for data comparison, and generate a customized report. Members are also able to search and view details of individual federally funded grants through the Federal Grants Search site. For fiscal year 2012, the overall extramural research grant support received by colleges and schools of pharmacy is shown in the table below (Table 3). In this table, in addition to the NIH, other federal, and non-federal research grants, collaborative research grants from these sources are included.

Faculty Research Grant Opportunities

AACP has launched a Web-based resource site providing links to major federal and non-federal agencies. Faculty research investigators can directly search for current research funding opportunities. In addition, AACP staff will regularly search for and list other funding opportunities that are pharmacy-relevant but may not be widely distributed. Faculty members are encouraged to visit this site frequently.

American Journal of Pharmaceutical Education

Last year, 150 peer-reviewed manuscripts were published in 10 issues of volume 76 of the *American Journal of Pharmaceutical Education*, including a theme issue on experiential education. Viewpoints, letters, addresses, reports, book reviews and other material also were published (Table 4). The *Journal* received 391 manuscripts, an increase of 25 percent from the previous year. Of these, 42 percent were accepted for publication. Approximately 450 individuals served as manuscript and book reviewers in 2012.

Three new Editorial Board members were appointed in 2012 for three-year terms: Patrick Hardigan (Nova Southeastern University), Terri Poirier (Southern Illinois University Edwardsville) and Julie Szilagyi (University of Houston). Zubin Austin (University of Toronto), Sudip Das (Butler University), Gary DeLander (Oregon State University), JoLaine Draugalis (The University of Oklahoma), Harold Kirschenbaum (Long Island University)

Table 3.

Funding Source Categories	FY2012
National Institutes of Health	\$327.02 million
Other-Federal	\$38.24 million
Non-Federal	\$50.84 million
All Extramural Grant Total	\$416.10 million
No. of Funded Schools	86
No. of Schools Received NIH Support	79

Table 4. Journal Activity in 2012 (Volume 76)

Manuscripts submitted	391
Manuscript acceptance rate	42%
Manuscripts published	
Research	56
Instructional Design and Assessment	58
Teachers' Topics	10
Special Articles	7
Reviews	4
Statements	6
Theme issue articles	9
Other materials published	
Viewpoints	23
Addresses	3
Reports and Minutes	27

and Frank Romanelli (University of Kentucky) were reappointed to the Board for a three-year term.

Each year the best paper published in the *Journal* is recognized with the Rufus A. Lyman Award. The winner is selected based on utility and significance to pharmacy education, originality, research methodology and writing style. The Lyman Award Committee, which is appointed by the AACP President and chaired by the *Journal* Editor, selects the top paper. From volume 75, 29 papers were nominated for the Lyman Award, and the winning article was "Cross-Validation of an Instrument for Measuring Professionalism Behaviors," by Katherine A. Kelley, Luke D. Stanke, Suzanne M. Rabi, Sarah E. Kuba and Kristin K. Janke. The authors are from The Ohio State University, the University of Minnesota, the University of Illinois at Chicago and the University of Wisconsin–Madison.

CRITICAL ISSUE #6

AACP Financial Resources and Infrastructure

How do we ensure that the organization has the financial resources short-term (one to three years) and long-term and the necessary infrastructure to support the mission and vision?

Staff Resources

Several important staffing changes were implemented in the past year to increase member programs and services and enhance AACP's outreach. Karna M. Mapes became AACP's first Director of Education, overseeing the expanding portfolio of member development programs. Shaba A. Lightfoot, Manager of Student Affairs, expands our staff supporting PharmCAS and other student services programs.

Jennifer L. Adams, Barbra A. Gustis and Cecilia M. Plaza were advanced with new responsibilities as Senior Directors, creating new capacity to develop partnerships

with a wide variety of organizations offering services to benefit AACP members.

Following the retirement of Robert "Buzz" Kerr, Ruth E. Nemire joined AACP as Associate Executive Vice President and Chief of Staff. Innovation in teaching and learning and leadership programming are top priorities for Dr. Nemire and the Academic Affairs team she leads.

Kyle R. Bagin also joined the AACP staff. He serves in the new position of Communications Assistant.

Headquarters Property Update

AACP experienced change in its tenancy at 1727-1729 King Street. The legacy tenant at the headquarters property needed additional office space (as did AACP) and moved early in the year. In June, the new National Association of Specialty Pharmacy established its Washington area headquarters at 1729 King Street. The credentialing organization for NASP is also headquartered here. AACP sees great synergy potential in the relationship with NASP.

2013 TREASURER'S REPORT

It has been an honor and a privilege to serve as AACP Treasurer for the past 6 years and see the Association grow from a \$9 million budget organization to one with a \$13+ million budget. AACP enjoys a positive cash flow and asset growth, most notably in the rebound of the investment portfolio (Table 5). Cash and investments comprise 84 percent of total assets, and investments are managed under a balanced investment approach yielding a return of more than 8 percent through March 2013. As the final results for

Table 5.

	2010	2011	2012
Cash	\$2,332	\$2,200	\$2,598
Receivables	280	230	195
Investments	3,611	4,860	5,016
Fixed Assets	793	813	691
Other	404	615	759
Assets	7,420	8,718	9,259
Accounts payable	443	578	573
Dues received in advance	1,261	1,618	2,026
Advance registration and exhibit fees	1,329	1,481	1,644
Note payable	95	85	74
Liabilities	3,128	3,762	4,317
Unrestricted net assets	3,623	4,616	4,599
Temporarily restricted net assets	410	79	80
Permanently restricted net assets	259	261	263
Net Assets	4,292	4,956	4,942
Liabilities and Net Assets	\$7,420	\$8,718	\$9,259

Units in \$ and 000s

fiscal year 2013 are prepared, AACP expects to reduce the projected net operating deficit by more than \$150,000. Demand continues to be strong for AACP's highly valued programs, which address critical member needs, and the Association is poised to tackle the challenges ahead (Table 6).

Record attendance for educational programming delivered through meetings and institutes, along with increased student services fees from PharmCAS and PCAT, resulted in a majority of total revenues, followed by member dues. While new revenue streams are being identified, student affairs revenues continue to account for more than 50 percent of the revenues. AACP has also benefited greatly from the expansion in the number of schools from 103 in 2007 to 129 this year. The erosion of corporate and industry support means AACP must rely more heavily on member-generated fees to sustain the current level of member services.

Over the years, the AACP Board of Directors and staff have been good stewards of Association resources, operating in a highly efficient manner. As Chair of both the AACP Finance and Investment Committees, I have worked hard with other leaders to manage resources effectively and provide for the long-term viability of the organization while also setting aside funds for future investment. Following are some of the significant initiatives that have helped bolster the balance sheet and management of financial resources:

- Selling our legacy headquarters in 2009 for an excellent price despite the fact that the historic recession had begun to impact the commercial real estate market.
- Changing the Association's investment managers/firm during a volatile period was impeccable timing, such that today AACP has invested assets approaching \$6 million and an annual budget of over \$13 million.
- Adopting the institutional dues increase during recessionary times, with foresight that PharmCAS growth was fully matured.
- Formally implementing the Finance and Investment Committee charters, charges and members, adding to AACP's financial sophistication.
- Forming the Audit Committee to help the Association transition to new auditors and add an additional layer of financial oversight.

Table 6.

	2010	2011	2012
Membership dues	\$2,712	\$2,846	\$3,321
Grants and contracts	262	445	298
Meeting registrations and other fees	1,851	1,624	1,629
PharmCAS application fees	5,417	6,048	5,787
Sales and royalties	732	722	773
Other income	76	148	119
Total Revenues	11,050	11,833	11,927
Program Services			
Individual member services	615	755	833
Meetings	1,986	1,775	1,962
PharmCAS	4,023	4,477	4,330
Other programs	1,236	1,820	1,677
Support Services			
Office administration	2,683	2,639	3,088
Total Expenses	10,543	11,466	11,890
Increase (Decrease) in Operations	507	367	37
Investment income, gains and losses	306	626	(54)
Increase (Decrease) in Net Assets	\$813	\$993	\$(17)

Units in \$ and 000s

AACP's planning process has given us the opportunity to assess prospects for new revenue sources. It has also given us the chance to begin assessing whether our infrastructure is right-sized for the future. AACP expects 2014 to be a more challenging year, but the early indicators of a record Annual Meeting attendance in Chicago in July exemplify our commitment to delivering quality programs and services to help pharmacy educators grow professionally and pharmacy institutions become more effective.

Looking ahead to 2014, AACP is in a solid financial position to expand its reach nationally. The Association is positioned to continually develop member services and explore global initiatives while, along with its member schools, confronting one of the most difficult economic periods in recent history. As Treasurer, I am fortunate to work with talented leaders, guiding a profession focused on transforming healthcare by advancing pharmacy education.

Keith N. Herist, PharmD, CPA
AACP Treasurer