ACPE REPORT

Accreditation Council for Pharmacy Education: Annual Report

Peter H. Vlasses, PharmD,^a Jeffrey W. Wadelin, PhD,^b and Dimitra V. Travlos, PharmD^c

^aExecutive Director

^bAssociate Executive Director and Director, Professional Degree Program Accreditation

^cAssistant Executive Director and Director, Continuing Pharmacy Education Provider Accreditation

HIGHLIGHTS

In 2007, the ACPE Board and Staff successfully undertook their responsibilities and advanced various aspects of the existing strategic plan. The following highlighted the ACPE year:

The 2007-2008 ACPE officers (appointing organization in parentheses) were: President: George R. Spratto, PhD, Dean Emeritus West Virginia University (American Association of Colleges of Pharmacy [AACP]); Vice President: David E. Holmstrom, RPh, JD, Retired Executive Director, Minnesota Board of Pharmacy (National Association of Boards of Pharmacy [NABP]); and Secretary-Treasurer: Betty Jean Harris, PharmD, FASCP, FAPhA, Assistant Dean for Experiential Ed & Student Services, Nova Southeastern University Health Professions Division College of Pharmacy (American Pharmacists Association [APhA]). Outgoing officer was: S. William Zito, PhD, Professor Pharmaceutical Sciences, St. John's University College of Pharmacy and Allied Health Professions. Dr. Zito was thanked for his meritorious service to ACPE.

Officers for the January 14, 2008-January 12, 2009 year, elected by a unanimous vote of the ACPE Board of Directors during the January 9-13, 2008 Board of Directors meeting, are as follows (appointing organization in parentheses): re-elected President - George R. Spratto, PhD, Dean Emeritus, West Virginia University School of Pharmacy (AACP); elected Vice President – William A. Gouveia, Director of Pharmacy, Tufts-New England Medical Center (APhA) and Secretary/Treasurer – Donald H. Williams, RPh, FASHP, Retired Executive Direc-

tor, Washington State Board of Pharmacy (NABP). Outgoing officers were David E. Holmstrom RPh, JD, Retired Executive Director, Minnesota Board of Pharmacy (NABP) and Betty Jean Harris, PharmD, FASCP, FAPhA, Assistant Dean for Experiential Education and Student Services, Nova Southeastern University, Health Professions Division, College of Pharmacy (APhA). The outgoing officers were thanked for their meritorious service to ACPE.

NEW BOARD DESIGNEES

Orientation of New Board Designees – The new designees for the ACPE Board of Directors are: Robert S. Beardsley, RPh, PhD, Professor, Pharmaceutical Health Services Research, University of Maryland School of Pharmacy (AACP appointee); Michael P. Cinque, PharmD, FAPhA, Chief Pharmaceutical Care Officer, excellenceRx, Inc., Philadelphia, Pennsylvania. (APhA appointee); and Donna S. Wall, PharmD, Clinical Pharmacist, Adult Critical Care, Clarian Health Partners, Indiana University Hospital, Indianapolis, Indiana and member, Indiana Board of Pharmacy (NABP appointee). Their orientation began at the January 2008 meeting. Their terms of office will begin on July 1, 2008 through June 30, 2014.

NEW CPE COMMISSION

The ACPE Board of Directors had approved as part of its strategic planning efforts the formation of a Continuing Pharmacy Education (CPE) Commission. The CPE Commission met for the first time in the ACPE office on May 9 and 10, 2007, and met again on November 29-30, 2007. The responsibilities of the CPE Commission are: participate in CPE Commission meetings, ensure effective CPE organizational planning, review CPE provider's reports and recommend accreditation actions to ACPE Board of Directors, participate in periodic review of CPE accreditation policies, procedures, and standards, assist with planning and participation in ACPE's CPE regional and biennial conference, and act in advisory capacity to Board of Directors. Initial plans call for the Commission to meet

Corresponding Author: Peter H. Vlasses, PharmD, Accreditation Council for Pharmacy Education, 20 North Clark Street, Suite 2500, Chicago, Illinois 60602-5109. Tel: 312-664-357. Web site: www.acpe-accredit.org
This is the 77th annual report of the Accreditation Council for Pharmacy Education (ACPE). This report summarizes ACPE's activities covering the period January 15, 2007 to January 14, 2008, and is available to the profession and to the general public.

in May and November of each year. Each Commission recommendation for action will then be reviewed by the ACPE Board of Directors at its regular January or June meetings with official actions taken by the Board. The inaugural appointed members of the Commission, the initial officers, and their affiliations are:

- Mary-Anne Benedict, MSN, RN (VA New England Health Care System)
- Malcolm Broussard (Louisiana State Board of Pharmacy)
- Stephen Caiola, MS (University of North Carolina at Chapel Hill School of Pharmacy)
- Janet Cline, RPh (Creative Educational Concepts, Inc.) – Vice Chair
- Jeannine Dickerhofe (Kaiser Foundation Health Plan of Colorado Department of Pharmacy)
- Kristin Janke, PhD (University of Minnesota College of Pharmacy) - Chair
- Scott Meyers, RPh, MS, FASHP (Illinois Council of Health-System Pharmacists)
- Jennifer Moulton, RPh (Iowa Pharmacy Association)
- Judy Walter (American Society of Health System Pharmacists), and
- Timothy Welty, PharmD, FCCP, BCPS (Samford University McWhorter School of Pharmacy).

The Commission receives staff support from the ACPE CPE staff team. Joan Straumanis, PhD, President, Metropolitan College of NY and the American Council on Education appointee to the ACPE Board of Directors, was elected by her peers to serve as the ACPE Board Liaison to the Commission. Donald H. Williams, RPh, FASHP, Retired Executive Director, Washington State Board of Pharmacy was chosen to succeed her. The initial appointees to the Commission will serve initial 1, 2 or 3 year terms and are eligible for reappointment to 3-year terms on a staggered basis.

STAFF CHANGES

In August 2007, Theresa A. Harris joined the ACPE staff as Administrative Assistant; in November 2007, Beenish S. Manzoor, MPH, as Accreditation Facilitator, Continuing Pharmacy Education Provider Accreditation Program; and in December 2007, Michelle Lawson-Fairfield, as Accreditation Associate, Continuing Pharmacy Education Provider Accreditation Program and Tech Services. Lindsay M. Antikainen, MS, was promoted to Accreditation Associate, Administrative Services and Research. Consultants working with ACPE include: Kimberly Catledge, Robert Elenbaas, Max Ray and Dawn Zarembski.

PUBLIC INTEREST PANEL

The ACPE Public Interest Panel reviews all proposed professional degree program actions and recommendations and provides comments and recommendations to the ACPE Board of Directors for their consideration. The panel members for 2007-2008 were Paul Camenisch, PhD, Professor of Religious Studies, DePaul University, James R. Goesser, retired federal attorney, and Erin Keyser Norton, MBA, Vice President - Credit, Corporate and Investment Banking, Bank of Montreal/Harris NA.

USDE RECOGNITION

Petition for Continued Recognition Submitted to U.S. Department of Education (USDE) – The U.S. Department of Education has established criteria for the evaluation and recognition of eligible accrediting agencies. ACPE has been continually recognized since the criteria were established in 1952. Agencies are reviewed on a 5-year cycle. ACPE submitted the requested response in June 2007 to seven areas in their criteria identified in June 2006 that were either partially compliant (6) or non-compliant (1). The response was reviewed by the USDE National Advisory Committee on Institutional Quality and Integrity at their December 2007 meeting and they are advising the US Secretary of Education that ACPE is now compliant with all the USDE recognition criteria.

SUMMARY OF ACCREDITATION ACTIVITIES

A summary of accreditation activities for the year is:

- For the professional degree accreditation program:
 - Number of accredited programs: 106 (90 Full, 10 Candidate, 6 Precandidate)
 - Full site visits for continuation of accreditation: 7 (Customary 6-year term, n = 5; 2-year term, n = 2;)
 - Preaccreditation site visits: 7
 - Focused site visits (for additional monitoring): 18
 - Interim reports: 41
 - Programs placed on Probation: 2
 - Programs having Probation removed: 1
 - New program evaluation activities:
 - Pre-candidate on-site visits authorized: 8
 - Pre-candidate status granted: 4
 - Candidate status granted: 8
 - Continued candidate status: 0
 - Full accreditation status granted: 3
- For the continuing education provider accreditation program:
 - Number of accredited providers: 414

- New Applications: 22
- First Reviews: 16
- Second Reviews: 17
- Petitions: 69
- Interim Reports: 76
- Progress Reports: 17
- Shorter terms of accreditation: 27
- Programs placed on Probation: 2
- Inactive: 1
- Discontinuations: 16
- Certificate Program Providers: 39

ACPE ACTIVITIES

- The *ACPE Report of Proceedings* are distributed electronically to ACPE stakeholders and posted on the ACPE web site after the January 2007 and the June 2007 Board of Director meetings. Opportunity was given for the submission of written third party comments concerning qualifications for accreditation or preaccreditation. No comments were received.
- Two issues of our newsletter, *ACPE Update*, were published and distributed to ACPE stakeholders. Sharon Hudson serves as the editor of the *ACPE Update*.
- The Directory of Accredited Professional Degree Programs of Colleges and Schools of Pharmacy and the Directory of Accredited Providers of Continuing Education were maintained on the ACPE website. These directories provide both program/provider accreditation information and public information regarding the ACPE accreditation processes.
- The 12th ACPE Continuing Education conference “Exploring New Heights for CE” for accredited CE providers was held in Denver, Colorado on October 4-7, 2007. Over 250 attendees participated in the conference.
- New *Standards for Continuing Pharmacy Education* were approved in June by the Board of Directors. The standards were released at ACPE’s 12th Conference on Continuing Pharmacy Education October 4-7, 2007. The *Accreditation Standards for Continuing Pharmacy Education* will be in effect January 1, 2009. ACPE underwent a two-year revision process that included feedback received via web-based surveys, focus groups, CE committees, practitioners, stakeholders, and ACPE’s Continuing Pharmacy Education Commission. ACPE would like to thank the profession for its valuable feedback to produce quality standards.
- ACPE approved a revised *Definition of Continuing Education for the Profession of Pharmacy*. This definition entails a more thorough description of CPE required by ACPE including differentiation between CPE requirements for pharmacists and pharmacy technicians and the addition of a topic designator for Patient Safety (05). A “P” designation in the Universal Program Number is assigned to each CE activity targeted for pharmacists, including pharmacist-specific performance objectives for each CE activity. A “T” designation in the Universal Program Number is assigned to each CE activity targeted for pharmacy technicians, including pharmacy technician-specific performance objectives for each CE activity.
- Adoption of the Accreditation Council of Continuing Medical Education’s *Standards for Commercial Support* and evaluation of these new criteria began January 1, 2008. The standards indicate that the provider must ensure independence in planning and delivery of CPE activities, implement a mechanism to prospectively identify and resolve conflicts of interest during the planning process, use commercial support appropriately, manage commercial promotion appropriately, present content that is without commercial bias, and disclose required information.
- ACPE hosted the first annual Stakeholder’s Forum in Chicago on December 10-11, 2007. Fourteen of the 17 invited attendees participated representing 13 stakeholder organizations, including (in alphabetical order):, Academy of Managed Care Pharmacy, American Association of Colleges of Pharmacy, American College of Clinical Pharmacy, American Pharmacists Association, American Pharmacists Association - Academy of Student Pharmacists, American Society of Consultant Pharmacists, Board of Pharmaceutical Specialties, National Alliance of State Pharmacy Associations, National Association of Chain Drug Stores, National Community Pharmacists Association, National Pharmaceutical Association, Pharmacy Technician Certification Board, and Pharmacy Technician Educators Council. The stakeholders met with the ACPE Executive Committee (George R. Spratto, President; David E. Holmstrom, Vice President, and Betty Jean Harris, Secretary-Treasurer) and ACPE staff (Peter H. Vlasses, Jeffrey W. Wade-lin, Dimitra V. Travlos, and Michael J. Rouse). The group agreed that an annual meeting of the

ACPE stakeholders would be a valuable means of communication. The next meeting will be held in June 2009, prior to the ACPE Board of Directors meeting.

- In addition, the ACPE staff was active in interactions and activities designed to enhance ACPE's ability to conduct its core activities; keep abreast of developments in the field of accreditation and in pharmacy; and ensure enhanced communications with and understanding of ACPE by our constituents. Meetings were held or presentations were made or attendance by ACPE staff at meetings of the following organizations: Nursing Work Environment Summit, AACP Interim Meeting, APhA Annual Meeting, APhA-ASP Open Forum, Association of Specialized and Professional Accreditors, Ferris State University Spring seminar, American Foundation for Pharmaceutical Education (AFPE), NABP Annual Meeting, American Medical Association CME-Industry Task Force Meetings, AACP Institute, NACIQI Meetings, American Society of Health-System Pharmacists (ASHP) Summer Meeting, Lifelong Learning in Pharmacy Conference, AACP Annual Meeting, NPhA Annual Meeting, NABP District V Meeting, International Pharmacy Federation (FIP) Congress, Association of Specialized and Professional Accreditors (ASPA) Fall Meeting, Interprofessional Accreditation Focus Group, Pennsylvania Society of Health-System Pharmacists (PSHP) annual Meeting, Collaborating Across Borders Conference, Pharmacy Education Conference, National Academies of Practice Meeting, ASHP Midyear Meeting, Council on Higher Education Accreditation (CHEA) Meeting, Alliance for Continuing Medical Education (ACME) Annual Meeting, University of Tennessee Faculty Retreat, Temple University School of Pharmacy faculty seminar, University of Illinois-Chicago Preceptor Retreat, the International Network for Quality Assurance Agencies in Higher Education (INQAAHE) Conference, University of Buffalo Preceptor CE Symposium, Accreditation Council for Continuing Medical Education/American Nursing Credentialing Center/ACPE Meeting, Albany College of Pharmacy Faculty Retreat, Joint Commission of Pharmacy Practitioners (JCPP) and Council on Credentialing in Pharmacy (CCP) meetings, University of Florida College of Pharmacy commencement speech, AACP Institutional Re-

search and Assessment Committee (IRAC), and National Organization for Competency Assurance (NOCA) National Standards for Certificate Programs Forum.

PROFESSIONAL PROGRAMS OF COLLEGES AND SCHOOLS OF PHARMACY Accreditation Actions Taken

On the basis of comprehensive, focused, and staff consultation evaluations conducted during the reporting year, communications received from the institutions, ongoing review of first-time NAPLEX passing rates and entry class size and comments of the Public Interest Panel, the Board of Directors determined the accreditation status along with specified terms and conditions for various professional programs noted below. (Note: A list of accredited professional degree programs of colleges and schools of pharmacy, which designates the respective accreditation status of the programs and the academic year for the next currently scheduled evaluation, is posted on the ACPE web site at www.acpe-accredit.org.) An action to "affirm" implies that a previously established accreditation term has been confirmed. An action to "continue" implies that the accreditation date has been extended. The accreditation actions taken are as follows:

For Purposes of Considering Continued

Accreditation Status:

Duquesne University Mylan School of Pharmacy

Doctor of Pharmacy Program: accreditation was continued. (2006-2007; 2008-2009)

Rutgers, the State University of New Jersey Ernest Mario School of Pharmacy

Doctor of Pharmacy Program: accreditation was continued with a focused on-site visit in spring 2008. (2006-2007; 2008-2009)

University of Arkansas for Medical Sciences College of Pharmacy

Doctor of Pharmacy Program: accreditation was continued. (2007-2008; 2013-2014)

University of Florida College of Pharmacy

Doctor of Pharmacy Program: accreditation was continued. (2006-2007; 2012-2013)

University of Illinois at Chicago College of Pharmacy

Doctor of Pharmacy Program: accreditation was continued with a focused site visit in the spring 2009. (2007-2008; 2013-2014)

University of Utah College of Pharmacy

Doctor of Pharmacy Program: accreditation was continued. (2007-2008; 2013-2014)

University of Wyoming School of Pharmacy

Doctor of Pharmacy Program: accreditation was continued. (2006-2007; 2012-2013)

Probation:

Albany College of Pharmacy and Health Sciences

Doctor of Pharmacy Program has been placed on Probation with a focused on-site visit scheduled for spring 2008. (2004-2005; 2010-2011)

Florida A&M University College of Pharmacy and Pharmaceutical Sciences (2007-2008; 2009-2010)

Doctor of Pharmacy Program was placed on Probation in January 2007, and the Probation was lifted in January 2008.

For Purposes of Considering Advancement from Candidate Accreditation Status to Full Accreditation Status

Loma Linda University School of Pharmacy

Doctor of Pharmacy Program: full accreditation status was granted with a focused on-site visit in spring 2008. (2006-2007; 2008-2009)

University of California San Diego Skaggs School of Pharmacy

Doctor of Pharmacy Program: full accreditation status was granted with a focused on-site visit in fall 2008. (2006-2007; 2008-2009)

Wingate University School of Pharmacy

Doctor of Pharmacy Program: full accreditation status was granted with a focused on-site visit in spring 2008. (2006-2007; 2008-2009)

For Purposes of Considering Advancement from Precandidate Accreditation Status to Candidate Accreditation Status

Pacific University School of Pharmacy

Doctor of Pharmacy Program: candidate accreditation status was granted. (2006-2007; 2008-2009)

South Carolina College of Pharmacy

Doctor of Pharmacy Program: candidate accreditation status was granted. (2006-2007; 2008-2009)

Texas A&M University Health Science Center Irma Lerma Rangel College of Pharmacy

Doctor of Pharmacy Program: candidate accreditation status was granted. (2006-2007; 2008-2009)

University of Appalachia College of Pharmacy

Doctor of Pharmacy Program: candidate accreditation status was granted. (2006-2007; 2008-2009)

University of Charleston School of Pharmacy

Doctor of Pharmacy Program: candidate accreditation status was granted. (2006-2007; 2008-2009)

University of Findlay School of Pharmacy

Doctor of Pharmacy Program: candidate accreditation status was granted. (2006-2007; 2008-2009)

University of the Incarnate Word Feik School of Pharmacy

Doctor of Pharmacy Program: candidate accreditation status was granted. (2006-2007; 2008-2009)

Interim Monitoring Based on Focused On-site Evaluation Visit:

Auburn University Harrison School of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed with a focused on-site visit in fall 2008. (2005-2006; 2011-2012)

Butler University School of Pharmacy and Pharmaceutical Sciences

Doctor of Pharmacy program: accreditation was continued. (2007-2008; 2011-2012)

Florida A&M University College of Pharmacy and Pharmaceutical Sciences

Doctor of Pharmacy program: accreditation was continued and Probation was lifted at the January 2008 meeting. (2007-2008; 2009-2010)

Lake Erie College of Osteopathic Medicine School of Pharmacy

Doctor of Pharmacy program: accreditation was continued with a focused on-site visit in spring 2008. (2006-2007; 2008-2009)

Ohio Northern University College of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed. (2005-2006; 2009-2010)

Oregon State University College of Pharmacy

Doctor of Pharmacy program: accreditation was continued. (2007-2008; 2009-2010)

Palm Beach Atlantic University Lloyd L. Gregory School of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed. (2006-2007; 2008-2009)

Shenandoah University Bernard J. Dunn School of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed. (2005-2006; 2007-2008)

South University School of Pharmacy

Doctor of Pharmacy program: accreditation was continued. (2006-2007; 2008-2009)

St. Louis College of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed. (2001-2002; 2007-2008)

Texas Tech University Health Sciences Center School of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed. (2005-2006; 2011-2012)

University of Maryland School of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed. (2005-2006; 2011-2012)

University of North Carolina at Chapel Hill School of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed. (2005-2006; 2011-2012)

University of Southern Nevada College of Pharmacy

Doctor of Pharmacy program: accreditation was continued. (2007-2008; 2009-2010)

University of Toledo College of Pharmacy

Doctor of Pharmacy program: accreditation was continued. (2006-2007; 2010-2011)

Virginia Commonwealth University at the Medical College of Virginia Campus School of Pharmacy

Doctor of Pharmacy program: accreditation was affirmed. (2001-2002; 2008-2009)

Xavier University of Louisiana College of Pharmacy

Doctor of Pharmacy program: accreditation was continued. (2006-2007; 2008-2009)

Consideration of Applications for Preaccreditation (Precandidate or Candidate) Status

The following requests for precandidate or candidate status of a Doctor of Pharmacy program were considered on the basis of an application and presentation. Moreover, it should be understood that ACPE may grant or deny Preaccreditation status based upon the evaluation process set forth.

Precandidate:

Sullivan University College of Pharmacy

Doctor of Pharmacy Program: precandidate status was granted. (2007-2008; 2008-2009)

California Northstate College of Pharmacy

Doctor of Pharmacy Program: The College voluntarily withdrew their application for consideration at the January 2008 meeting and requested to resubmit their application after a focused on-site visit in spring 2008.

Thomas Jefferson University Jefferson College of Health Professions Jefferson School of Pharmacy

Doctor of Pharmacy Program: precandidate status was granted. (2007-2008; 2008-2009)

Harding University College of Pharmacy

Doctor of Pharmacy Program: precandidate status was granted. (2007-2008; 2008-2009)

University of Hawaii at Hilo College of Pharmacy

Doctor of Pharmacy Program: precandidate status was granted. (2006-2007; 2007-2008)

Candidate:

St. John Fisher College Wegmans School of Pharmacy

Doctor of Pharmacy Program: candidate status was granted with a focused on-site visit in spring 2008. (2006-2007; 2008-2009)

Monitoring During the Accreditation Period

Interim Reports. 41 interim reports from 40 professional programs of the following Colleges or Schools were reviewed

Albany College of Pharmacy and Health Sciences

Auburn University Harrison School of Pharmacy

Campbell University School of Pharmacy

Creighton University Medical Center School of Pharmacy and Health Professions

Drake University College of Pharmacy and Health Sciences

Ferris State University College of Pharmacy

Florida A&M University College of Pharmacy and Pharmaceutical Sciences

Howard University College of Pharmacy, Nursing, and Allied Health Sciences School of Pharmacy

Lebanese American University School of Pharmacy

Midwestern University Chicago College of Pharmacy

Midwestern University College of Pharmacy – Glendale
Nesbitt College of Pharmacy and Nursing School of Pharmacy at Wilkes University

North Dakota State University College of Pharmacy, Nursing and Allied Sciences

Northeastern University Bouvé College of Health Sciences School of Pharmacy

Nova Southeastern University College of Pharmacy

Ohio State University College of Pharmacy

Purdue University School of Pharmacy and Pharmaceutical Sciences
Temple University School of Pharmacy
Southern Illinois University Edwardsville School of Pharmacy

St. John's University College of Pharmacy and Allied Health Professions

Texas Tech University Health Sciences Center School of Pharmacy

University at Buffalo The State University of New York School of Pharmacy & Pharmaceutical Sciences

University of Arizona College of Pharmacy

University of Colorado Denver School of Pharmacy

University of Georgia College of Pharmacy

University of Houston College of Pharmacy

University of Iowa College of Pharmacy

University of Kentucky College of Pharmacy

University of Maryland School of Pharmacy

University of Michigan College of Pharmacy

University of Minnesota College of Pharmacy

University of Mississippi School of Pharmacy

University of Montana College of Health Professions and Biomedical Sciences, Skaggs School of Pharmacy

University of New Mexico College of Pharmacy

University of Oklahoma College of Pharmacy

University of Rhode Island College of Pharmacy

University of Southern California School of Pharmacy
University of the Sciences in Philadelphia- Philadelphia
College of Pharmacy
University of Wisconsin – Madison School of Pharmacy
West Virginia University School of Pharmacy
Western University of Health Sciences College of
Pharmacy

Staff Consultations Requested

Staff consultations were requested and completed from the following Colleges and Schools:

Albany College of Pharmacy and Health Sciences; Belmont University School of Pharmacy; East Tennessee State University College of Pharmacy; Lipscomb University College of Pharmacy; Temple University School of Pharmacy; Touro (New York) College of Pharmacy; University of Illinois at Chicago College of Pharmacy; University of Kentucky College of Pharmacy; University of Tennessee Health Science Center College of Pharmacy; and University of Southern California School of Pharmacy.

Annual Monitoring

In addition to the monitoring presented above, all programs are monitored through statistical analysis of enrollment and other information provided by AACP documents and review of graduates' performance on NAPLEX examinations as provided by NABP. Review of the data required the sending of a letter of concern to several colleges or schools of pharmacy, in accord with established monitoring criteria.

Evaluation Team Member Training

Review of the accreditation process, with a special focus on the role and responsibilities of evaluation team members, was conducted during a series of training workshops held at regional locations in the U.S. Over 150 potential site team members were trained at the workshops to address Standards 2007 and the new review procedures (evaluation form, standardized surveys, etc.)

Evaluation Team Members

The success of the on-site evaluation depends upon the substantial efforts and dedication of many individuals (in addition to ACPE Board members and staff) who serve voluntarily as evaluation team members. Both academic and practice-oriented individuals served during the year. These were:

David Allen, Dean, Northeastern Ohio Universities College of Pharmacy; **Mary Andritz**, Dean, Butler University College of Pharmacy and Health Sciences; **Jerry**

Bauman, Interim Dean, University of Illinois Chicago College of Pharmacy; **Robert Blouin**, Dean, University of North Carolina School of Pharmacy; **Paul Boisseau**, practitioner, Executive Secretary, New Hampshire Board of Pharmacy; **J. Chris Bradberry**, Dean, Creighton University Medical Center School of Pharmacy and Health Professions; **Robert Brueggemeier**, Dean, Ohio State University College of Pharmacy; **Bobby Bryant**, Dean, Samford University McWhorter School of Pharmacy; **Jannet Carmichael**, VISN 21 Pharmacy Executive, VA Sierra Pacific Network; **Patricia Chase**, Dean, West Virginia University School of Pharmacy; **Renae Chesnut**, Associate Dean, Drake University College of Pharmacy and Health Sciences; **Patrick Davis**, Associate Dean, University of Texas at Austin College of Pharmacy; **Charles DeLander**, Associate Dean/Associate Professor, Oregon State University College of Pharmacy; **Lisa Deziel-Evans**, Executive Associate Dean, Professional Program, Nova Southeastern University College of Pharmacy; **Stephen Durst**, Associate Dean/Professor, Ferris State University College of Pharmacy; **Robert Elenbaas**, practitioner; **Janet Engle**, Executive Associate Dean and Professor, University of Illinois at Chicago College of Pharmacy; **Eric Hobson**, Associate Dean for Academic Affairs, South University School of Pharmacy; **Arcelia Johnson-Fannin**, Dean, University of the Incarnate Word Feik School of Pharmacy; **Sharon E. Jones**, Clinical Staff Pharmacist/Clinical Instructor, Medication Assistance Program, Ambulatory Care Pharmacy Services, University of Illinois at Chicago; **Michelle Kalis**, Associate Provost, Massachusetts College of Pharmacy and Health Sciences, School of Pharmacy – Boston; **Brian Kaatz**, Dean, South Dakota State University College of Pharmacy; **Kathleen Kennedy**, Associate Dean, Xavier University of Louisiana College of Pharmacy; **James Knight**, practitioner; **Mary Anne Koda-Kimble**, Dean, University of California San Francisco School of Pharmacy; **Patricia Kroboth**, Dean, University of Pittsburgh School of Pharmacy; **Ronald Maddox**, Dean, Campbell University School of Pharmacy; **Robert McCarthy**, Dean, University of Connecticut School of Pharmacy; **Michael McKenzie**, Senior Associate Dean/Professor, University of Florida College of Pharmacy; **Susan Meyer**, Associate Dean for Education, University of Pittsburgh School of Pharmacy; **Charles Peterson**, Dean, North Dakota State University College of Pharmacy, Nursing, and Allied Sciences; **Charles Phillips**, Associate Professor, Drake University College of Pharmacy and Health Sciences; **John Pieper**, Dean, University of New Mexico College of Pharmacy; **F. Lamar Pritchard**, Dean, University of Louisiana at Monroe College of Pharmacy; **Dennis Robinson**, Associate

Professor, University of Nebraska College of Pharmacy; **Vickie Roche**, Senior Associate Dean, Creighton University School of Pharmacy and Health Professions, **Raylene Rospond**, Dean, Drake University College of Pharmacy and Health Sciences; **Terry Short**, Regional Vice President, Northeast Medicine Shoppe International, Inc.; **Pamela Sims**, Professor, Samford University McWhorter School of Pharmacy; **Donna Soflin**, Director of Pharmacy Services, Tri-County Hospital; **Robert Soltis**, Associate Professor, Drake University College of Pharmacy and Health Sciences; **Theodore Tong**, Associate Dean/Professor, University of Arizona College of Pharmacy; **Robert Treitline**, President, ND Pharmacy; and **David Zgarrrick**, Professor and Vice Chair, Coordinator, Community Pharmacy Residency Programs, Department of Pharmacy Practice, Midwestern University Chicago College of Pharmacy

Board of Pharmacy Representation

The following representatives of the state boards of pharmacy of the state in which the College or School of Pharmacy is located observed the evaluation process:

Robert Anselmo, University of Illinois at Chicago College of Pharmacy; **Edward Bechtel**, Duquesne University Mylan School of Pharmacy and Thomas Jefferson University Jefferson College of Health Professions Jefferson School of Pharmacy; **James (Buddy) Bowden**, University of Arkansas for Medical Sciences College of Pharmacy; **James Robert Bradham**, South Carolina College of Pharmacy; **Gregory Braylock**, University of Findlay School of Pharmacy; **Roger Fitzpatrick**, University of Utah College of Pharmacy; **W. Benjamin Fry**, Texas A&M University Health Science Center Irma Lerma Rangel College of Pharmacy; **Albert Garcia**, University of Florida College of Pharmacy; **Peter J. Halecky**, Rutgers, the State University of New Jersey Ernest Mario School of Pharmacy; **Carl K. Hedrick, Jr.**, University of Charleston School of Pharmacy; **Davis Hook, Jr.**, South Carolina College of Pharmacy; **Kent Kikuchi**, University of Hawaii at Hilo College of Pharmacy; **John Clay Kirtley**, Harding University College of Pharmacy; **Marcelo Laijas**, University of the Incarnate Word Feik School of Pharmacy; **Allison; McManus**, University of Wyoming School of Pharmacy; **Gary Miner**, Pacific University School of Pharmacy; **Wallace E. Nelson**, Wingate University School of Pharmacy; **Jeffrey L. Osman**, Sullivan University College of Pharmacy; **Elizabeth Scott Russell**, University of Appalachia College of Pharmacy; **Kenneth A. Schnell**, Loma Linda University School of Pharmacy; and **Robert Swart**, California Northstate College of Pharmacy

CONTINUING PHARMACY EDUCATION (CPE) PROGRAM

Applications for Initial Accreditation as a Provider of Continuing Pharmacy Education

A total of 22 sets of application materials, submitted by organizations requesting ACPE accreditation status as providers of continuing education, were evaluated by the Board this year. The organizations evaluated for consideration of initial accreditation were:

Alpha Zeta Omega Pharmaceutical Fraternity New York Alumni Chapter; Catholic Healthcare West; Center for Independent Healthcare Education; Children's Healthcare of Atlanta Pharmacy Services Department; Cook Children's Medical Center; Cross Country Education, LLC; European Association of Hospital Pharmacists (EAHP); Institute for Brain Potential; Institute for Post Graduate Continuing Education; Mad ID, Inc.; Medical Education Solutions Group; Medical Media Communications; Methodist Hospital; Northeastern Ohio Universities College of Medicine; PennWell; Primary Care Education Consortium; Select CE; Southern Illinois University Edwardsville School of Pharmacy; University Health System Department of Pharmacy; University of Pittsburgh Center for Continuing Education in the Health Sciences; Vindico Medical Education; and Wellstar Health System Pharmacy.

First Review of Applicants

Submission of a Report (First Review) by Applicants initially accredited in 2006 was requested and 16 First Reviews were evaluated. First Review Reports were submitted by the following providers in 2007 and were evaluated by the Board:

Association of Reproductive Health Professionals; CME Innovations, LLC; Grady Health System Pharmacy; HCA, Inc.; Hematology/Oncology Pharmacy Association (HOPA); The Institute for Wellness and Education, Inc.; Johns Hopkins Hospital Department of Pharmacy; Medical Learning Institute, Inc.; Medscape, LLC; Physicians' Education Resource (PER); Prescription Solutions; PRIMEDIA Healthcare; Stony Brook University Medical Center; TG Medical Education, LLC; Uniformed Services University of the Health Sciences; and University of Southern Nevada College of Pharmacy.

Second Review of Applicants

A total of 17 Second Reviews by Applicants initially accredited in 2005 were evaluated. Second Review Reports were submitted by the following providers: Amedco, LLC; American Pain Society; Caremark Rx, Inc.; Carl T. Hayden VAMC; EdSource Communications,

Inc.; JPS Health Network; Korean American Pharmacists Association of U.S.A.; Omnicare, Inc.; Pharmacists Mutual Companies; Potomac Center for Medical Education; Princeton CME, a division of Princeton Media Associates; SciMed, LLC; Solid Dosage Training, Inc.; SolutionSight, Incorporated; University of Findlay School of Pharmacy; University of Nebraska Medical Center, Center for Continuing Education; and Wingate University School of Pharmacy.

Petitions for Continued Accreditation as a Provider of Continuing Pharmacy Education

A total of 69 Petitions for Continued Accreditation were reviewed. Each review entailed an evaluation of a variety of materials reflecting the provider's activity, including example continuing pharmacy education programs, a self-assessment report, surveys of program participants and, reviews by external field reviewers. Petitions for Continued Accreditation submitted by the following providers in 2007 were evaluated by the Board:

AAF-MED; Academy for Healthcare Education; AKH Inc. Advancing Knowledge in Healthcare; Alabama Pharmacy Association Research & Education Foundation; Alabama Society of Health-System Pharmacists; Albertson's, Inc.; American Pharmacists Association; American Society of Consultant Pharmacists; Arizona Pharmacy Alliance; Auburn University Harrison School of Pharmacy; Baptist Memorial Health Care Corporation; Barnett International; Brigham and Women's Hospital Pharmacy; Campbell University School of Pharmacy; CMEsolutions; COJM International Services Inc.; Colegio de Farmaceuticos de Puerto Rico; Consorta; Contemporary Forums; Continuing Education Alliance; CuraScript; Department of Justice Federal Bureau of Prisons Health Services Division; FDA Center for Drug Evaluation and Research; Geisinger Health System; Harris County Hospital District, Learning and Resource Center; HealthStream; Henry Ford Health System; Illinois Council of Health-System Pharmacists; Illinois Pharmacists Association; Institute for Healthcare Improvement; Iowa Pharmacy Association; James A. Haley Veterans' Hospital; Lippincott Continuing Medical Education Institute, Inc.; Longs Drug Stores California, Inc.; MEBN; Medical Education Group LLC; MEDS-PDN; Mercer University Southern School of Pharmacy; Methodist Healthcare – Memphis Hospitals; NACDS Foundation; National Association of Boards of Pharmacy and NABP Foundation, Inc.; National Association of Compounding Pharmacists; National Community Pharmacists Association; National Pharmaceutical Association, Inc.; New York State Council of Health-System Pharmacists; North American

Center for Continuing Medical Education (NACCME); Nuclear Pharmacy Services Business of Cardinal Health; PharmaCE; Pharmacy Society of Wisconsin; PharmCon, Inc.; Premier, Inc.; Professional Resources In Management Education, Inc. (PRIME); Projects In Knowledge, Inc.; Rite Aid Corporation; South Carolina College of Pharmacy, University of South Carolina Campus; Southeastern Michigan Society of Health-System Pharmacists; Temple University School of Pharmacy; Texas Pharmacy Association; Trinity Healthforce Learning; The University of Arizona College of Pharmacy; University of Missouri, Kansas City School of Pharmacy; University of North Carolina at Chapel Hill School of Pharmacy; University of Tennessee College of Pharmacy; University of Texas at Austin College of Pharmacy; University Pharmacotherapy Associates, LLC; Virginia Pharmaceutical Association; Vital Care, Inc.; West Virginia University School of Pharmacy; and William Beaumont Hospital Department of Pharmaceutical Services.

Monitoring During the Accreditation Period Interim Reports

Based upon previous Board accreditation actions, 76 interim reports were received during the year. These reports were analyzed against the issues noted in the earlier accreditation actions and were presented for the Board's consideration:

ABcomm, Inc.; American College of Clinical Pharmacology; ArcMesa Educators, LLC; BioSymposia, Inc.; California Society of Health-System Pharmacists; Carle Foundation, The Centers for Disease Control and Prevention; Chatham Institute; Cine-Med, Inc.; City of Hope National Medical Center; Detroit Medical Center Department of Pharmacy Services; Drug Experts, Inc.; Ferris State University College of Pharmacy; Fisher BioServices, Inc.; Florida A&M University; Florida Hospital Department of Pharmacy; Florida Society of Health-System Pharmacists, Inc.; The France Foundation; Georgia Pharmacy Association; Hawaii Pharmacists Association (HPhA); Health Insights; Indiana Pharmacists Alliance; Inquisit; Joint Purchasing Corporation; Kentucky Pharmacy Education and Research Foundation, Inc.; Louisiana Pharmacists Association; Managed Health Care Associates, Inc.; Marshfield Clinic; Massachusetts General Hospital Department of Pharmacy GRB 005; McKesson Corporation; MedAssets Supply Chain Systems; Memorial Sloan-Kettering Cancer Center Division of Pharmacy Services; Minnesota Pharmacists Association; Nebraska Council for Continuing Pharmaceutical Education, Inc.; Nesbitt School of Pharmacy at Wilkes University; New Jersey Society of Health-System Pharmacists;

North Dakota State University College of Pharmacy, Nursing and Allied Sciences; Northeast Kentucky Area Health Education Center; Oregon State University; Pediatric Pharmacy Advocacy Group; Pharmaceutical Education & Research Institute, Inc. (PERI); Pharmacy Foundation of California; Pharmacy Institute; Pharmacy Systems, Inc.; Pharmacy Times/Ascend Media Office of Continuing Professional Education; Postgraduate Healthcare Education, LLC; Pro CE, Inc.; Professional Education Services Group; Purdue University School of Pharmacy and Pharmaceutical Sciences; Quest Educational Services, Inc.; Rhode Island Society of Health-System Pharmacists; Saint Francis University's Center of Excellence for Remote and Medically Under-Served Areas (CERMUSA); Sanford School of Medicine at the University of South Dakota; Sharp HealthCare; Shenandoah University Bernard J. Dunn School of Pharmacy; Skaggs School of Pharmacy at the University of Montana; St. Jude Children's Research Hospital Pharmaceutical Department MS150; Texas Society of Health-System Pharmacists; Texas Tech University Health Sciences Center School of Pharmacy; Tripartite Committee on Continuing Education for Pharmacists in Wyoming; University Learning Systems, Inc.; University of Colorado School of Pharmacy; University of Connecticut School of Pharmacy; University of Florida College of Pharmacy; University of Maryland School of Pharmacy; University of Medicine and Dentistry of New Jersey; University of South Florida College of Medicine; University of Texas - El Paso; University of Texas Health Center at Tyler; University of Toledo College of Pharmacy; University of Utah College of Pharmacy; University of Washington School of Pharmacy; University of Wisconsin - Madison School of Pharmacy, Extension Services in Pharmacy; VA Western New York Healthcare System; Virginia Society of Health - System Pharmacists; and Washington State Pharmacy Association.

Progress Reports

Based upon previous Board accreditation actions, 17 progress reports were received during the year. This report was analyzed against the issues noted in the earlier accreditation action and was presented for the Board's consideration:

Atlanta Academy of Institutional Pharmacists; CAMC Health Education and Research Institute; Center for Professional Innovation & Education; CME, LLC; Department of Health Policy Jefferson Medical College; Discovery Institute of Medical Education; Howard University College of Pharmacy, Nursing and Allied Health Sciences; Imedex, Inc.; Indian Health Service Clinical Support Center; Lehigh Valley Hospital Pharmacy De-

partment; Medical Research Management; Ohio State University College of Pharmacy; Pennsylvania Pharmacists Association; Rhode Island Pharmacy Foundation; Saudi Pharmaceutical Society c/o King Saudi University College of Pharmacy; Sparrow Hospital; and West Texas Pharmacy Association.

Inactive Providers

At the January 2008 meeting, 1 organization went to inactive status as an ACPE-accredited provider of continuing pharmacy education based on their request. Inactive Status is when the provider maintains its ACPE accreditation status as a CPE provider but agrees not to conduct any CPE activities as the primary provider or as the cosponsor and does not submit accreditation reports. ACPE's annual fee must continue to be paid. The inactive provider includes: Fisher BioServices, Inc.

Discontinued Providers

At the June 2007 and January 2008 meetings, 16 organizations were discontinued as ACPE-accredited providers of continuing pharmacy education based on their request for a voluntary withdrawal or lapsed term. Discontinued providers included:

Arkansas Pharmacists Association; Beam Institute; California Employee Pharmacist Association; CME Pro, Inc.; Council of Ohio Colleges of Pharmacy; Current Therapeutics, Inc.; CVS Clinical Services; Institute for Advanced Healthcare Education; Medical Outcomes Management, Inc.; MEDS (Medication Education Services); Micromedex, Inc.; Mountain Top Technologies; Pragmaton Office of Medical Education; University of Iowa; Washington State Pharmacy Association - Certificate Program Provider status ONLY; and WriteHealth, LLC.

On-going Monitoring

ACPE staff continued daily monitoring of accredited providers through review of Program Description Forms (PDFs) and Certificate Program Description Forms (CPDFs), responses to questions and requests for information from accredited providers, and follow-up to written complaints received regarding specific providers and/or continuing pharmacy education program offerings.

Provider Guidance

During 2007, ACPE professional staff provided extensive technical assistance, consultation, and other resources to accredited providers as well as others seeking assistance. The policy of inviting providers to meet with ACPE professional staff in Chicago or at other locations of mutual convenience continues to serve an effective educational and communication purpose and administrator workshops continue to be well received.

ACPE CPE Administrator Workshops

These sessions include administrators from newly accredited providers as well as administrators from established provider organizations and are designed to provide a working knowledge of the Criteria for Quality and Interpretive Guidelines and their application to providers' programs. Three Administrator Workshops were offered in Chicago (total 62 participants); plus one workshop was held in conjunction with the CE Conference in Denver (86 participants).

ACPE Continuing Professional Development Workshop

One session was offered in April 2007 with 17 participants in attendance from CE providers, colleges and schools of pharmacy, and pharmacy associations.

Certificate Programs in Pharmacy

There are currently 39 CE Providers who have filed a Notification of Intent to offer Certificate Programs in Pharmacy and have received acknowledgement from ACPE.

FIELD REVIEWERS

During 2007, the following individuals contributed their time and effort in support of the Provider Accreditation Program by serving as a field reviewer in the Petition for Continued Accreditation process:

Sean Bates, VCU School of Pharmacy, Office of Continuing Education; **Amy Bennett**, Ohio Pharmacists Foundation, Inc.; **Barry Bleidt**, Texas A&M College of Pharmacy; **Christopher Bolwell**; **Michael Borenstein**, Temple University School of Pharmacy; **Jeanne Bredenkamp**; **Joyce Broyles**, Methodist Healthcare - Memphis Hospitals; **Craig Burrige**, Pharmacists Society of the State of New York; **Kimberly Catledge**, Consultant; **Heidi Chandonnet**, Institute for Continuing Healthcare Education; **Katie Chon**, Novartis Pharmaceuticals Corporation; **Sally Cook**, PERI, Inc.; **Jeffrey Copeland**, Feik School of Pharmacy; **Barbara Crim**, Trinity Healthforce Learning; **Karan Dawson**, University of Washington School of Pharmacy; **Shirlene DeHart**, CMEsolutions; **Pat Dominguez**, University of Texas at El Paso; **Joel Epps**, Texas Tech University Health Sciences Center School of Pharmacy; **William Fant**, University of Cincinnati; **Glen E. Farr**, University of Tennessee College of Pharmacy; **Debra B. Feinberg**, New York State Council of Health-system Pharmacists; **William Feinberg**, W-F Professional Associates, Inc.; **Theresa**

Gallagher, Institute for Continuing Healthcare Education; **Teresa (Terry) German**, Creative Educational Concepts; **Karen Gunning**, University of Utah College of Pharmacy; **Raymond Hammond**, University of Houston College of Pharmacy; **Edmund Hayes**, Stony Brook University Medical Center; **Barbara Hayward**, The National Community Pharmacists Association (NCPA); **Cherry Wyantt Jackson**, College of Psychiatric and Neurologic Pharmacists; **Marilyn Jackson**, Ernest Health, Inc.; **Michael Jann**, Mercer University College of Pharmacy and Health Sciences; **Mike Johnston**, NPTA/STAT Educational Services; **Barbara Jolly**, CuraScript; **Seema Kazmi**; **John Koerber**, William Beaumont Hospital; **Debbie Kreshover**, SciMed; **Patricia Levy**, North American Center for Continuing Medical Education (NACCME); **Richard Lewis**, ProCE; **Julio Lopez**, VA Northern California Health Care System; **Lynne Mascarella**, University of Arizona College of Pharmacy; **Emilie McCardell**, Pharmacy Times; **Janise McPherson**, The University of Texas Health Center at Tyler; **Milton Minor**, McKesson Corp.; **Dee Morgillo**, Inquisit; **Ronald O Nickel**, South Carolina College of Pharmacy(MUSC campus); **Linda Norton**, University of the Pacific, Thomas J. Long School of Pharmacy and Health Sciences; **Joseph R. Ofosu**, Howard University School of Pharmacy; **Lois Parker**, Massachusetts General Hospital Department of Pharmacy; **Carol Percy**, University of Kentucky College of Pharmacy; **Tracy Reedy**, Nuclear Pharmacy Services Business of Cardinal Health; **Carriann Richey**, Butler University; **Kim Roberson**; **Dawn Rosenthal**, American Association of Diabetes Educators; **Tara Schmitz**, North Dakota State University College of Pharmacy; **Ginger Scott**, West Virginia University School of Pharmacy; **Sam Shimomura**, Western University of Health Sciences, College of Pharmacy; **Walter Siganga**, Southern Illinois University Edwardsville School of Pharmacy; **Michael Simeone**, University of Rhode Island College of Pharmacy; **Justin Smith**; **Loretta Thompson**, Sharp Health-Care; **Shweta Vora**, New York Presbyterian Hospital Department of Pharmacy; **Sandra Warner**, University of Oklahoma College of Pharmacy; **Cindy Watlet**, Annenberg Center for Health Sciences at Eisenhower; **Anthony Wilson**; **Arthur E. Wharton**, University of Florida College of Pharmacy; **Michael Wincor**, University of Southern California School of Pharmacy; **Barbara Woods**, University of Kansas School of Pharmacy; **Susan Yarborough**, Imedex, LLC; **Anne Marie Youlis**; and **Dawn Zarembski**, Consultant.

American Journal of Pharmaceutical Education 2008; 72 (2) Article 45.

Appendix 1. ACPE PUBLICATIONS

1. *Accreditation Manual, 10th Edition (Version 10.1), September 2007*
2. *Accreditation Standards and Guidelines for the Professional Program in Pharmacy Leading to the Doctor of Pharmacy Degree Adopted June 14, 1997, effective through June 30, 2007*
3. *Accreditation Standards and Guidelines for the Professional Program in Pharmacy Leading to the Doctor of Pharmacy Degree Adopted January 15, 2006; Released February 17, 2006; Effective July 1, 2007*
4. *Annual Directory of Accredited Professional Programs of Colleges and Schools of Pharmacy on ACPE web site at www.acpe-accredit.org*
5. *Continuing Education Manual: Continuing Professional Education Provider Accreditation Program, First Edition (June 1996) effective through December 31, 2008.*
6. *Annual Directory of Accredited Providers of Continuing Pharmacy Education on ACPE web site at www.acpe-accredit.org*
7. *Standards and Quality Assurance Procedures for ACPE Accredited Providers of Continuing Pharmaceutical Education Offering Certificate Programs in Pharmacy, Adopted June 15, 1999*
8. *Standards for Continuing Pharmacy Education Adopted June 20, 2007; Released October 5, 2007; Effective January 1, 2009*

To request a copy of any of these publications, please contact the Accreditation Council for Pharmacy Education (ACPE), 20 North Clark Street, Suite 2500, Chicago, Illinois 60602-5109 Phone: (312) 664-3575) or copies can be downloaded from our web site at www.acpe-accredit.org.

Appendix 2. Operations Budget for 2007

ACPE Professional Program Accreditation and Continuing Pharmacy Education Provider Accreditation, Operations for the Twelve Months ending 12/31/07

Receipts

Professional program accreditation	\$1,417,045
Continuing education provider accreditation	\$1,381,859
Total Receipts	\$2,798,904

Expenses

Administrative Professional Services	\$682,253
Meetings/Travel	\$478,477
Salaries/Services/Benefits	\$1,579,563
Disbursement to Equity	\$58,611
Total Expenses	\$2,798,904

ACPE is appreciative of the ongoing, substantial financial support it receives from the AACP, APhA, NABP and AFPE (American Foundation for Pharmacy Education).