



ACCREDITATION COUNCIL FOR PHARMACY EDUCATION: 2016 ANNUAL REPORT

Peter H. Vlasses, PharmD, DSc (Hons), FCCP, Executive Director; Jeffrey W. Wadelin, PhD, Associate Executive Director; J. Gregory Boyer, PhD, Assistant Executive Director and Director, Professional Degree Program Accreditation; Dimitra V. Travlos, PharmD, Assistant Executive Director and Director, Continuing Pharmacy Education Provider Accreditation; Michael J. Rouse, BPharm (Hons), MPS, Assistant Executive Director, Professional Affairs and Director, International Services and Cynthia Avery, MS, Director of Operations.

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This is the 86th annual report of the Accreditation Council for Pharmacy Education (ACPE). This report summarizes ACPE's activities covering the period January 24, 2016 – January 21, 2017, and is available to the profession and to the general public.

In 2016, the ACPE Board and Staff successfully undertook their responsibilities and advanced various aspects of the existing strategic plan. The following highlighted the ACPE year:

ACPE BOARD AND OFFICERS **appointing organization in parentheses*

Officers:

- President – Michael A. Moné, RPh, JD, FAPhA, Vice President Associate General Counsel – Regulatory, Cardinal Health (National Association of State Boards of Pharmacy, NABP)
- Vice President – Timothy L. Tucker, PharmD, City Drug Company (American Pharmacists Association, APhA);
- Secretary/Treasurer – John Clay Kirtley, PharmD, Executive Director, Arkansas State Board of Pharmacy (NABP)

Other Board Members:

- Barbara G. Burch, MS, EdD, Provost Emeritus, Western Kentucky University (American Council on Education, ACE)
*Term ended July 1, 2016
- Marie A. Chisholm-Burns, PharmD, MPH, MBA, FCCP, FASHP, Dean at the University of Tennessee Health Science Center College of Pharmacy and Professor of Surgery in the College of Medicine (AACP)
*Term began July 1, 2016
- Lori Duke, PharmD., Assistant Dean, Experience Programs, University of Georgia, College of Pharmacy (AACP)
- Stephanie F. Gardner, PharmD, EdD, Provost, University of Arkansas for Medical Sciences, College of Pharmacy (AACP)

- *Term ended July 1, 2016
- Sharon Hahs, PhD, President Emerita of Northeastern Illinois University
- *Term began July 1, 2016
- LuGina Mendez-Harper, PharmD, Director, Professional Practices, at Prime Therapeutics (NABP)
- *Term began July 1, 2016
- Dennis McAllister, RPh, FASHP, Director, Regulatory Affairs, Medco Health Solutions (NABP)
- *Term ended July 1, 2016
- Anthony Provenzano, PharmD, Vice President, Pharmacy Compliance and Government Affairs, Albertson's Companies (APhA)
- Victoria F. Roche, PhD, Senior Associate Dean, Creighton University, School of Pharmacy and Health Professions (AACP).
- Martha M. Rumore, PharmD, JD, MS, LLM, FAPhA, Associate Professor, Touro College of Pharmacy, Adjunct Professor, Touro College Jacob D. Fuchsberg Law Center, and Of Counsel at Sorell, Lenna & Schmidt, LLP in New York (APhA)
- *Term began July 1, 2016

CONTINUING PHARMACY EDUCATION (CPE) COMMISSION

The CPE Commission met at ACPE on May 10-12, 2016, and again on November 15-17, 2016. The appointed members of the Commission, the officers, and their affiliations were:

- Tammie Armeni, RPh, PharmD (Therapeutic Research Center/Pharmacist Letter)
- Richard Artymowicz, PharmD, FCCP, BCPS (Cape Regional Medical Center)
- Dennis Brierton, PharmD, BCPS, FASHP (Aurora Health Care)
- JoAnn Harris, BS Pharm, MBA, CHCP (American Society of Health System Pharmacists - ASHP)
- Tracy Hunter, RPh, MS, PhD (University of New Mexico College of Pharmacy)
- Barbara Jolly, RPh, MPA, LDE (Sullivan University College of Pharmacy)
- Kevin Mitchell, RPh (Ohio State Board of Pharmacy)
- Tian Merren Owens, PharmD, MS (Florida Pharmacy Association)
- Aaron D. Reich, PharmD, (TRINU Healthcare)
- Anita Young, EdD, RPh (Northeastern University Bouve College of Health Sciences)

Board Member Lori Duke was elected by his peers to serve as the ACPE Board Liaison to the CPE Commission in 2016. The Commission receives staff support from the ACPE CPE staff. Commission Officers for 2016 were Chair – Tian Merren-Owens and Vice Chair – Dennis Brierton.

INTERNATIONAL COMMISSION (IC)

The ACPE International Commission held its meetings at ACPE on May 9-10, 2016 and November 21-22, 2016. Members of the International Commission are as follows:

- Azza M. Agha, PhD, National Authority for Quality Assurance and Accreditation of Education, Cairo, Egypt
- Magaly Rodriguez de Bittner, PharmD, BCPS, CDE, FAPhA, University of Maryland, School of Pharmacy, Baltimore, MD, USA
- Janet P. Engle, PharmD, FAPhA, University of Illinois at Chicago, College of Pharmacy,

Chicago, Illinois, USA

- Patricia Acuña Johnson, MSc, University of Valparaiso, Faculty of Pharmacy, Valparaiso, Chile
- Indra Reddy, PhD, MS, Texas A&M Health Science Center, Rangel College of Pharmacy, Kingsville, Texas, USA
- Bhojraj Suresh, PhD, Jagadguru Sri Shivarathreeswara University, Mysuru, India
- Yen Huei (Tony) Tarn, MS, PhD, School of Pharmacy, Kaohsiung Medical University, Taipei, Taiwan
- Anthony Wutoh, PhD, Howard University, Washington, DC, USA

ACPE Board Member Vickie Roche was elected by her peers to serve as the Board Liaison to the International Commission in 2016. The Commission receives staff support from the ACPE International Services Program (ISP) staff. Commission Officers for 2016 were Chair –Indra Reddy and Vice Chair – Anthony Wutoh.

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 2016-2017 were: Angela Cowser, Instructor in the Sociology of Religion and the Director of the Center for the Church and the Black Experience (CBE) at Garrett Theological Seminary, Evanston, Illinois; Dana Thomas, Education Consultant; and William M. Youngblood, past Senior Pastor of Northminster Presbyterian Church, Evanston, Illinois and honorably retired Presbyterian Church (U.S.A).

PHARMACY TECHNICIAN ACCREDITATION COMMISSION (PTAC)

The PTAC is jointly appointed by the American Society of Health-System Pharmacists (ASHP) and ACPE as part of their collaboration on the accreditation of pharmacy technician education and training programs. The PTAC met on May 4-5, 2016 and October 24-25, 2016. They made accreditation recommendations to both the ASHP and ACPE boards that were received and approved at their subsequent meetings. The members of PTAC were:

- Angela Cassano, PharmD, BCPS, FASHP, Pharmfusion Consulting, LLC, Midlothian, VA
- Michael Diamond, MSc, World Resources Chicago, Evanston, IL
- Jacqueline Hall, RPh, MBA, Walgreens, New Orleans, LA
- Jan Keresztes, PharmD, South Suburban College, South Holland, IL
- Barbara Lacher, BS, CPhT, North Dakota State College of Science, Wahpeton, ND
- Karen Snipe, CPhT, MAEd, Trident Technical College, Charleston, SC
- John Smith, EdD, East San Gabriel Valley Regional Occupational Program and Technical Center, West Covina, CA
- Donna Wall, PharmD, Indiana University Hospital, Indianapolis, IN
- LiAnne (Webster) Brown, CPhT, Richland College, Dallas, TX

ASHP and ACPE Board Liaisons were:

- Anthony Provenzano, PharmD, New Albertson's, Inc., Boise, ID (Appointed by ACPE)
- Paul Bush, Pharm.D., MBA, FASHP, Chief Pharmacy Officer for Duke University

Hospital in Durham, North Carolina and Program Director for the Health System
Pharmacy Administration residency (Appointed by ASHP)

ACPE CONSULTANTS:

Consultants working with ACPE on accreditation and other activities included: Kimberly Catledge, Anne-Marie Kondic, Beenish Manzoor, George Spratto, and Dawn Zarembski. Consultants working with ACPE on communication activities included Jann Skelton and Patti Manolakis for operational communications and William Zellmer for strategic communications.

SUMMARY OF ACCREDITATION ACTIVITIES

A summary of 2016 accreditation activities for the year is:

For the Professional Degree Program Accreditation Program:

Accreditation Action	June 2016	January 2017	Total
Continued Accreditation Stats	6	8	14
Continued Candidate Status	1	0	1
Advancement from Candidate Status to Accreditation Status	4	0	4
Advancement from Precandidate Status to Candidate Status	3	0	3
Application for Precandidate Status	3	1	4
New School Applications: Authorization of On-Site Evaluations	*3	2	5
Focused On-Site Evaluation Visits	12	5	17
Interim Report Reviews	23	21	44
Annual Monitoring	32	20	52
Substantive Changes & Other Requests	24	51	75
Programs Discontinued	0	0	0

For the Continuing Education Provider Accreditation Program:

Number of accredited providers: 355
 New Applications: 6
 First Reviews: 9
 Second Reviews: 7
 Comprehensive Reviews: 36
 Interim Reports: 66
 Progress Reports: 11
 Shorter terms of accreditation: 12
 Programs placed on Probation: 1
 Inactive: 4
 Voluntary Discontinuations: 9
 Accreditation Withdrawn: 1

For the International Services Certification program:

Number of programs certified: 9

Number of programs provisionally certified: 0

Certification on-site visits (total): 5

On-site visits for application for Certification: 2

On-site visits authorized for applications for Certification: 1

ACPE ACTIVITIES

Publications: The *ACPE Report of Proceedings* were distributed electronically to ACPE stakeholders and posted on the ACPE web site after the June 2016 and January 2017 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. One issue of the *Provider eUpdate* was published and distributed to ACPE-accredited CPE providers. Dimitra Travlos serves as editor of the *Provider eUpdate*. Two issues of the International Services Program (ISP) Newsletter were published and distributed to ACPE stakeholders around the world. Silvi Kastrati serves as the editor of the *ISP Newsletter*.

The *Directory of Accredited Professional Degree Programs of Colleges and Schools of Pharmacy*, the *Directory of Accredited Providers of Continuing Pharmacy Education* and the *Directory of Certified Degree Programs* were maintained on the ACPE website. These directories provide both program/provider accreditation and program certification information and public information regarding the ACPE accreditation and certification processes.

Presentations including ACPE Staff Members:

January

- ACEhp Annual Meeting – Accreditation Basics: An Introduction to ACPE; ACPE Update (Jennifer Baumgartner and Dimitra Travlos)
- An Introduction to ACPE's International Services Program, Live Webinar, Chicago, Illinois (Mike Rouse)
- Panelist for "Protecting Students and the Role of Accreditation" panel discussion at CHEA & CIQG Conference & Annual Meeting (Peter Vlasses)

February

- New School Consultation for the University of Texas at El Paso (Greg Boyer)
- Pre-Application Consultation for Jordan University of Science and Technology Faculty of Pharmacy, Irbid, Jordan (Mike Rouse)
- International Services Program On-Site Visit Training, Riyadh, Kingdom of Saudi Arabia (Mike Rouse)
- HPAC (Peter Vlasses)
- ACPE Session at AACP Interim Meeting

March

- CE/CPD World Congress, San Diego, California –
 - a. Guidance on Continuing Professional Development (CPD) for the Profession of Pharmacy (Jennifer Baumgartner and Dimitra Travlos)
 - b. CME/CPD as a Full Partner in Rapidly-Changing Healthcare Systems Guidance on Continuing Professional Development (CPD) Activities for the Profession of Pharmacy in the United States – Jennifer Baumgartner, Dimitra Travlos
 - c. IPE Interactive Panel Discussion (Dimitra Travlos)
 - d. Workshop: Promoting Interprofessional Collaborative Practice in Healthcare Systems: Culture Change, Leadership, and Interprofessional Continuing Education (Dimitra Travlos)

- APhA: Psychometric testing of the Kiersma-Chen Empathy Scale – Patient Version (Mary Kiersma)
- New School Consultation for the Medical College of Wisconsin (Greg Boyer and Mary Kiersma)
- New School Consultation for the Binghamton University (Greg Boyer)
- Regional Pharmacy Faculty Development Workshop on Curricular Design and Delivery, Abu Dhabi, United Arab Emirates (Mike Rouse)
- Workshop: Quality of Education Leads to the Quality of Services, DUPHAT Conference, Dubai, United Arab Emirates (Mike Rouse)
- Pre-Application Consultation for Dubai Pharmacy College, Dubai, United Arab Emirates (Mike Rouse)
- Certification Workshop for UAE Colleges of Pharmacy, Dubai, United Arab Emirates (Mike Rouse)
- Slovene Chamber of Pharmacy, Ljubljana, Slovenia (Mike Rouse)
 - a. CPD: Concepts, Components and Commitment
 - b. Quality of Education Leads to Quality of Services
 - c. SMART Pharmacy: Shaping our Future: Innovative Model to Drive Changes in the Pharmacy Profession,
- ACPE Session at APhA Annual Meeting (Peter Vlasses)

April

- Association of Regulatory Boards of Optometry: Gap Analysis and Outcomes Measurement (Dimitra Travlos)
- Driving Change in Pharmacy Practice: The Roles of Education and Accreditation, Indian Congress of Pharmacy Practice 2016 & 2nd Convention of Indian Association of Colleges of Pharmacy, Bangalore, India (Mike Rouse)
- Panelist National Academies of Sciences, Engineering and Medicine's (NASEM) (Peter Vlasses)
- Global Forum on Innovation in Health Professional Education (Peter Vlasses)

May

- Self-Study Retreat for South College (Greg Boyer)
- International Commissioner Orientation, Chicago, Illinois (Mike Rouse)

- ACPE's Experience with Certification of Pharmacy Degree Programs based Outside the USA, ASHP International Residency Program Advisory Group, Bethesda, Maryland (Mike Rouse)
- Montenegro Chamber of Pharmacy, Budva, Montenegro (Mike Rouse)
 - a. CPD: Concepts, Components and Commitment,
 - b. Quality of Education Leads to Quality of Services
 - c. SMART Pharmacy - Shaping our Future: Innovative Model to Drive Changes in the Pharmacy Profession
- Committed to Quality - Committed to Change, Medical Conference, Budva, Montenegro (Mike Rouse)
- ACPE Presentation and tabletop display at NABP Annual Meeting (Peter Vlasses)

June

- Assuring and Advancing the Quality of Pharmacy Education, 5th International Conference on Tertiary Education in the Middle East & North Africa (MENA), Algiers, Algeria (Mike Rouse)
- 6th Congress of Pharmacy in Macedonia, Ohrid, Macedonia (Mike Rouse)
 - a. Commitment to Quality Means Commitment to Change
 - b. CPD: Concepts and Components,
- International Services Program On-Site Visit Training, Chicago, Illinois (Mike Rouse)
- Presentation on Education Standards Implementation at JCPP (Peter Vlasses)
- Presentation at the CCAPP Board Meeting (Peter Vlasses)

July

- 11th Life Long Learning in Pharmacy Conference, Split, Croatia
 - a. Integrating Continuing Professional Development as a Key Element of an
 - i. Organization's Quality Improvement Process (Jennifer Baumgartner and Mike Rouse)
 - b. Guidance on Continuing Professional Development (CPD) for the Profession of Pharmacy in the United States (Jennifer Baumgartner)
 - c. Organizational Accreditation For Interprofessional Continuing Education: Structure, Process And Outcomes (Jennifer Baumgartner)
 - d. Presentation & Small Group Discussion - Guide to Establishing Quality-Assured and Accredited Pharmacy Continuing Education Programs (Mike Rouse)
 - e. SMART CPD Project in Turkey (Mike Rouse)
 - f. Workshop: 50 Questions to Assure the Quality of Continuing Education Activities in Pharmacy (Mike Rouse)
- AACP Annual Meeting, Anaheim, California
 - a. CPD for Preceptors: Teaching by Modeling Self-Directed Lifelong Learning (Jennifer Baumgartner and Mike Rouse)
- AACP Annual Meeting: Pharmacy Program Readiness for Standards 2016 Poster (Greg Boyer, Jeff Wadelin, Mary Kiersma)
- Creating Opportunities through Adoption of New Unique Skills in Practice, 62nd International Pharmaceutical Students Federation (IPSF) World Congress, Harare, Zimbabwe (Mike Rouse)

August

- Two Colleges/Schools Self-Study Workshops (Greg Boyer and Mary Kiersma)
- Nexus Summit: Workshop - Measuring the Impact of IPE on Collaborative Practice and Patient Outcomes (Dimitra Travlos)
- International Services Program On-Site Visit Training, Chicago, Illinois (Mike Rouse)
- An Introduction to ACPE's International Services Program, Live Webinar, Chicago, Illinois (Mike Rouse)
- Turkish Pharmacists Association Train-the-Trainer Workshop, Ankara, Turkey (presented four times to separate groups of trainers) (Mike Rouse)
 - a. Introduction to CPD, Needs-Based Education, and Pillars of Quality, Time and Change Management, CPD Portfolio, Communication Skills in Pharmacy and Commitment to Change

September

- 76th FIP World Congress of Pharmacy and Pharmaceutical Sciences, Buenos Aires, Argentina (Mike Rouse)
 - a. Education and Development Tools: A User Guide, 76th FIP World Congress of Pharmacy and Pharmaceutical Sciences, Buenos Aires, Argentina
 - b. Quality Assurance Domain Meeting
- SMART Life Long Learning in Pharmacy Workshop, Indian Association of Colleges of Pharmacy, Chennai, India (Mike Rouse)
 - a. CPD: Concepts and Components
 - b. Planning Learning in a SMART Way
 - c. Learning Styles and Preferences: How Can They be Used to Improve Outcomes?
 - d. Pillars and Foundations of Educational Quality: the Concept and Model
 - e. Accreditation and Certification: Why are they Important?
 - f. September 2016: Commitment to Quality Means Commitment to Change ... but What Values do we Want to Preserve Throughout Our Career?
- HPAC Presentation at ASHP Fall Conference (Peter Vlasses)

October

- Pre-Application Consultation for University of Petra, Faculty of Pharmacy and Medical Sciences, Amman, Jordan (Mike Rouse)
- 2nd National Pharmacy Conference, South African Pharmacy Council, Durban, South Africa (Mike Rouse)
 - a. Pharmacy Technicians: USA Experience,
 - b. Residency Programs: Role in Pre-Registration Training in the USA
 - c. Inter-Professional Education: Benefits and Challenges

November

- Alliance for CE for the Health Professions Webinar – Panel Discussion on The Value of CE (Dimitra Travlos)
- Pharmacy Education in the USA & ACPE's International Services Program, University of Macau, Macau (Mike Rouse)
 - a. ACPE International Certification: What Does it Mean and How Can it be

- Achieved? Macau University of Science and Technology
 - b. ACPE International Services Program, Gabinete de Apoio ao Ensino Superior (GAES)
- Turkish Pharmacists Association Train-the-Trainer Workshop, Ankara, Turkey (presented twice to separate groups of trainers) (Mike Rouse)
 - a. Introduction to CPD, Needs-Based Education, and Pillars of Time and Change Management, CPD Portfolio, Communication Skills in Pharmacy, Commitment to Change
- Pre-Application Consultation for College of Pharmacy, Ajman University, Dubai, United Arab Emirates (Mike Rouse)

December

- ASHP Midyear Meeting, Las Vegas, Nevada
 - a. Continuing Professional Development (CPD): A Cascade of Benefits for Employers (Jennifer Baumgartner)
- Workshop: Advancing Pharmacy Practice in Kuwait, Kuwait City, Kuwait
 - Presentation: Introduction to CPD and Commitment to Change
 - Presentation: Key Principles (Needs-Based Education, Pillars and Foundations of Quality) (Mike Rouse)
 - a. Presentation: Pharmacists Portfolio and Learning Plan
 - b. Workshop Exercise: SWOT Analysis - Where are we today in Kuwait?
 - c. Presentation: Change Management
 - d. Workshop Exercise: Change Management/Stakeholder Engagement Strategies
 - e. Workshop Exercise: Quality of Education Leads to Quality of Services - Future of Pharmacy in Kuwait: Identification, Implementation, and Measurement
 - f. Workshop Exercise: Developing the Plan for Kuwait
 - g. Presentation: Commitment to Change
- December 2016: An Introduction to ACPE's International Services Program, International Webinar, Chicago, Illinois (Mike Rouse)
- December 2016: SMART Pharmacy Project in Turkey, Turkish Pharmacists' Association Conference, Istanbul, Turkey (Mike Rouse)

Journal Publications including ACPE Staff Members:

- Bader LR, McGrath S, Rouse MJ, Anderson C. A conceptual framework toward identifying and analyzing challenges to the advancement of pharmacy. *Research in Social and Administrative Pharmacy*. 2016; (in press)
- Baumgartner JL, Travlos DV. Guidance on Continuing Professional Development (CPD) Activities for the Profession of Pharmacy in the United States. Poster; World Congress on Continuing Professional Development, San Diego, California.
- Baumgartner JL, Travlos DV. Guidance on Continuing Professional Development Activities for the Profession of Pharmacy in the United States. Poster; 11th Life Long Learning in Pharmacy Conference, Split, Croatia
- Baumgartner JL, Rouse M, Travlos DV, Wadelin JW, Vlasses PH. Forty Years of ACPE CPE Accreditation: Constant Change - What's Next? *American Journal of Pharmaceutical Education* (accepted for publication).
- Cailor SM, Chen AMH, Kiersma ME, Keib CN. The impact of a research course on pharmacy students' perceptions of research and evidence-based practice.

- Currents in Pharmacy Teaching and Learning (in press).
- Frame T, Gryka RJ, Kiersma ME, Todt AL, Cailor SM, Chen AMH. Evaluation of student perceptions and confidence of concepts in a self-care course using team-based learning. *American Journal of Pharmaceutical Education* 2016;80(3): Article 46.
 - Gryka RJ, Kiersma ME, Frame T, Cailor SM, Chen AMH. Comparison of student confidence and perceptions of biochemistry concepts using a team-based learning versus traditional lecture-based format. *Currents in Pharmacy Teaching and Learning* 2016 (Accepted).
 - Kiersma ME, Chen AMH, Blake B, Knell M, Fusco N, Kleppinger EL, Gillespie ME, Mody V. Enhanced awareness and recognition of scholarly teaching. *Currents in Pharmacy Teaching and Learning* 2016;8(6): 477–484.
 - Stupans I, Atkinson J, Meštrović A, Nash R, Rouse MJ. A shared focus: comparing the Australian, Canadian, United Kingdom and United States Pharmacy Learning Outcome Frameworks and the Global Competency Framework; *Pharmacy*. 2016; 4, x (in press)
 - Uney A, Rouse M, Meštrović A. SMART Pharmacy – Innovative Model to Drive Changes in the Pharmacy Profession in Turkey. Poster; 11th Life Long Learning in Pharmacy Conference, Split, Croatia
 - Interprofessional Education, Chappell K, Regnier K, Travlos D, Chapter in ANPD Core Curriculum, 5th Edition, 2017 (in press)
 - International Pharmaceutical Federation – FIP (2016). *Transforming Our Workforce*. The Hague, The Netherlands: International Pharmaceutical Federation. Author of chapter on Quality Assurance. (Mike Rouse)
 - Interprofessional education, Thistlethwaite JE, Vlasses PH, Chapter 23 in *Dent: A Practical Guide for Medical Teachers* 5th Edition, Elsevier (UK) (in press)
 - Wadelin, JW, Travlos, DV, Janke, KK, Zellmer, WA, Vlasses, PV. 40 Years Later: Current and Future Opportunities and Challenges in Continuing Pharmacy Education - Proceedings of the Consensus Conference on the Future of Continuing Pharmacy Education and Continuing Professional Development *American Journal of Pharmaceutical Education*. *AJPE* (accepted for publication).

Joint Accreditation for Interprofessional Continuing Education™: ACPE, the Accreditation Council for Continuing Medical Education (ACCME), and the American Nurses Credentialing Center (ANCC) Accreditation Program continued collaboration in offering “Accreditation of Continuing Education Planned by the Team for the Team.” The goals of this joint accreditation are to support healthcare team-focused education that improves patient care, and at the same time to streamline the accreditation processes. Collaboration with our counterparts in medicine (ACCME) and nursing (ANCC) CE accreditors progressed with 43 jointly accredited providers, 28 applications pending review. Further information may be found on the Joint Accreditation web site (<http://jointaccreditation.org/>).

American Society of Clinical Oncology, Boston Children’s Hospital, CAMC Health Education & Research Institute, Centra, Dannemiller, Governance Institute, Idaho State University College of Pharmacy, Medscape/WebMD, National Kidney Foundation, National Lipid Association, OnCourse Learning, Rush University Hospital, Rutgers Biomedical and Health Sciences, University of Minnesota, Interprofessional Continuing Education, University of Vermont College of Medicine, UW-Madison IPCE group, and Washington University St. Louis School of Medicine

are the organizations that received joint accreditation as providers of continuing education for health care professionals in 2016. Creative Educational Concepts, Department of Justice Federal Bureau of Prisons, Duke University and National Committee for Quality Assurance received Re-Accreditation. For further information please go to the Joint Accreditation website at www.jointaccreditation.org.

A Joint Accreditation Leadership Summit, partially supported by the Josiah Macy Jr. Foundation, was held in the Spring 2016. Education leaders from more than two dozen provider organization across the country, from Hawaii to New York participated. Participants representing hospitals, health systems, medical schools, specialty societies, education companies, and government agencies shared strategies for advancing healthcare education, by the team for the team. A report was published that shows how interprofessional continuing education (IPCE) contributes to improving healthcare team collaboration and patient care. *By the Team for the Team: Evolving Interprofessional Continuing Education for Optimal Patient Care – Report from the 2016 Joint Accreditation Leadership Summit* includes best practices, challenges, case examples, key recommendations, and data about the value and impact of IPCE.

CPE Monitor®: ACPE and the National Association of Boards of Pharmacy (NABP) developed a continuing pharmacy education (CPE) tracking system that authenticates and stores data for completed CPE units received by pharmacists and pharmacy technicians from ACPE-accredited providers. The system saves state boards of pharmacy, CPE providers, pharmacists, and pharmacy technicians time and cost by streamlining the process of verifying that licensees and registrants meet CPE requirements and by providing a centralized repository for pharmacists' and pharmacy technicians' continuing education details. The CPE tracking system creates a direct link for sending CPE data from ACPE-accredited providers to ACPE and then to NABP, ensuring that reported CPE units are officially verified by ACPE-accredited providers. Providers should not provide electronic or printed statements of credit to their pharmacist and pharmacy technician participants. Instead, once information is received by NABP, the tracking system makes CPE data for each participant available to the state boards of pharmacy where the participant is licensed or registered. Data provided to CPE Monitor® is the official record of participants' CPE activities. If the participants require a paper form of credit, the participants may print the information from their e-profile.

Continuing Professional Development Steering Committee (formerly the Continuing Professional Development Task Force) met in May and November 2016. The CPD Steering Committee members include: Dennis Brierton, Aurora Health Care; JoAnn Harris, ASHP; Kristin Janke, University of Minnesota; Jennifer Moulton, Collaborative Education Institute; Toyin Tofade, University of Maryland; CoraLynn Trewet, University of Iowa. The work of the Steering Committee contributes to ACPE's ongoing goal to improve the approaches and strategies that pharmacists and pharmacy technicians adopt for their lifelong learning.

International Commission Activities: The International Services Program made important progress during the year. The Commission met in May and November 2016. On the recommendation of the International Commission, Yousif Abdu Asiri (Saudi Arabia) was appointed as a Commissioner for a three-year term beginning February 1, 2017. The Board re-appointed Indra Reddy, Janet Engle, and Anthony Wutoh for second three-year terms. Azza Agha (Egypt) completed her term on the IC and was thanked for her exemplary

service. On the recommendation of the IC, the Board granted Certification to four programs and continued the Certification of three pharmacy degree programs. The Board approved new Memorandums of Understanding (MOUs) with two national accreditation agencies and continued MOUs with six national and international organizations. The Board adopted a new version of the Certification Quality Criteria and approved changes to the Certification Policies and Procedures. Michael Rouse, Director, International Services, was invited to speak on ISP, CPD and other topics by organizations and institutions in a number of countries. Several live webinars were presented. The ISP team further enhanced and carried out the strategic objectives approved by the ACPE Board.

Interactions with other organizations: 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. ACPE Staff members made presentations at or attended the following meetings and conferences: Accreditation Council for Continuing Medical Education, Alliance for Continuing Education in the Health Professions, American Association of Colleges of Pharmacy (including Institutional Research and Assessment Committee), American College of Clinical Pharmacy, American Foundation for Pharmaceutical Education, American Nursing Credentialing Center, American Pharmacists Association (including APhA Academy of Student Pharmacists), American Society of Health-System Pharmacists (including Commission on Credentialing and Ambulatory Care Summit), Association of Specialized and Professional Accreditors, Australian Pharmacy Council, California State Board of Pharmacy, Board of Pharmacy Specialties, Canadian Council for Accreditation of Pharmacy Programs, Canadian Council on Continuing Education in Pharmacy, Chicago Area Accreditors, College of Psychiatric and Neurologic Pharmacists, Conjoint Committee on Continuing Education, Council for Higher Education Accreditation, Council on Credentialing in Pharmacy, Dubai International Pharmaceuticals and Technologies (DUPHAT) Conference, Federation of Associations of Regulatory Boards, Health Professions Accreditors Collaborative, Indian Association of Colleges of Pharmacy, International Conference on Interprofessional Practice and Education, International Pharmaceutical Federation, International Pharmaceutical Students Federation, Joint Accreditation for Interprofessional Continuing Education, Joint Commission of Pharmacy Practitioners, Macau Government Tertiary Education Services Office, Management Sciences for Health, Lifelong Learning Conference, National Association of Boards of Pharmacy (including NABP-AACP District Meetings), Montenegro Chamber of Pharmacy, National Advisory Council of the National Center for Interprofessional Practice and Education, National Association of Chain Drug Stores Total Store Expo, O'Neil Center Advisory Council, Pan American Conference on Pharmaceutical Education, Pharmaceutical Society of Ireland, Pharmaceutical Society of Macedonia, Pharmacy HIT Collaborative, Pharmacy Council of India, Pharmacy Technician Accreditation Commission, Slovene Chamber of Pharmacy, South African Pharmacy Council, Turkish Pharmacists' Association, Pharmacy Technician Certification Board Industry Stakeholder meeting, Transforming and Scaling Up Health Workforce Education and Training for Health Equity Seminar, US Department of Education National Advisory Committee on Institutional Quality and Integrity, Western Michigan Interprofessional Education Conference, and World Bank.

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, entry class size, attrition, academic dismissals, withdrawals, and on-time graduation rates, 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 history of the 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:

Albany College of Pharmacy and Health Sciences (2016-2017) (2018-2019); **East Tennessee State University Bill Gatton College of Pharmacy** (2015-2016) (2023-2024); **Idaho State University College of Pharmacy** (2016-2017) (2024-2025); **MCPHS University Boston School of Pharmacy** (2015-2016) (2017-2018); **St John’s University College of Pharmacy** (2015-2016) (2023-2024); **St. John Fisher College School of Pharmacy** (2015-2016) (2023-2024); **Temple University School of Pharmacy** (2016-2017) (2024-2025); **University of Arizona College of Pharmacy** (2016-2017) (2024-2025); **University of Charleston School of Pharmacy** (2015-2016) (2023-2024); **University of Georgia College of Pharmacy** (2016-2017) (2024-2025); **University of Iowa College of Pharmacy** (2016-2017) (2024-2025); **University of Pittsburgh School of Pharmacy** (2016-2017) (2024-2025); **University of the Pacific School of Pharmacy** (2015-2016) (2023-2024); **West Virginia University School of Pharmacy** (2016-2017) (2024-2025)

For Purposes of Consideration of Advancement from Candidate Accreditation Status to Accredited Status:

Cedarville University School of Pharmacy (2015-2016) (2017-2018); **Fairleigh Dickinson University School of Pharmacy** (2015-2016) (2017-2018); **Manchester University College of Pharmacy** (2015-2016) (2017-2018); **Marshall University School of Pharmacy** (2015-2016) (2017-2018).

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

California Health Sciences University College of Pharmacy (2015-2016) (2017-2018); **Chapman University School of Pharmacy** (2015-2016) (2016-2017); **University of Texas at Tyler College of Pharmacy** (2015-2016) (2017-2018).

Focused On-site Evaluations:

California Northstate University College of Pharmacy Accredited status continued (2016-2017) (2018-2019); **Chicago State University School of Pharmacy** Accredited status continued (2015-2016) (2017-2018); **Concordia University School of Pharmacy** Accredited

status continued (2015-2016) (2019-2020); **D'Youville College School of Pharmacy** Accredited status continued (2015-2016) (2019-2020); **Florida Agricultural & Mechanical University College of Pharmacy and Pharmaceutical Science** Accredited status continued. (2016-2017) (2021-2022); **Husson University School of Pharmacy** Accredited status continued (2015-2016) (2017-2018); **Idaho State University College of Pharmacy** Accredited status affirmed (2015-2016) (2016-2017); **Long Island University Arnold and Marie Schwartz College of Pharmacy and Health Sciences** Accredited status continued (2015-2016) (2021-2022); **Pacific University School of Pharmacy** Accredited status continued (2015-2016) (2022-2023); **Philadelphia College of Osteopathic Medicine School of Pharmacy** Accredited status continued (2015-2016) (2019-2020); **Presbyterian University School of Pharmacy** Accredited status continued (2015-2016) (2017-2018); **Roosevelt University College of Pharmacy** Accredited status continued. (2015-2016) (2016-2017) **South Carolina College of Pharmacy** Accredited status of legacy programs restored: pending approval by the South Carolina Commission on Higher Education **Medical University of South Carolina College of Pharmacy** (2015-2016) (2016-2017); **University of South Carolina College of Pharmacy.** (2015-2016) (2016-2017); **University of Saint Joseph School of Pharmacy** Accredited status continued (2015-2016) (2019-2020); **University of Louisiana at Monroe College of Health and Pharmaceutical Sciences School of Pharmacy** Accredited status affirmed (2016-2017) (2021-2022); **University of Tennessee Health Science Center College of Pharmacy** Accredited status affirmed (2016-2017) (2022-2023); **Washington State University College of Pharmacy** Accredited status affirmed (2016-2017) (2022-2023).

For Purposes of Consideration of Preaccreditation Status:

High Point University School of Pharmacy, (2015-2016; 2016-2017); **Larkin Health Science Institute College of Pharmacy**, (2015-2016; 2016-2017); **Marshall Ketchum University College of Pharmacy** Advanced to Precandidate status (2015-2016; 2016-2017); **SUNY-Binghamton University School of Pharmacy and Pharmaceutical Sciences**, (2016-2017; 2017-2018)

Consideration of Applications for Precandidate Status:

Binghamton University State University of New York School of Pharmacy and Pharmaceutical Sciences A comprehensive on-site evaluation was authorized to be conducted during fall 2016 so as to provide the basis for the Board's consideration of Precandidate status of the Doctor of Pharmacy program at its January 2017 meeting; **Medical College of Wisconsin School of Pharmacy** A comprehensive on-site evaluation was authorized to be conducted during spring 2017 so as to provide the basis for the Board's consideration of Precandidate status of the Doctor of Pharmacy program at its June 2017 meeting, **University of Texas El Paso School of Pharmacy** A comprehensive on-site evaluation was authorized to be conducted during spring 2017 so as to provide the basis for the Board's consideration of Precandidate status of the Doctor of Pharmacy program at its June 2017 meeting.

Monitoring During the Accreditation Period:

Interim Reports: Auburn University Harrison School of Pharmacy, Butler University College of Pharmacy and Health Sciences, California Health Sciences University College of Pharmacy, Campbell University College of Pharmacy and Health Sciences, Creighton University School of Pharmacy and Health Professions, Duquesne University Mylan School of Pharmacy, Ferris State University College of Pharmacy, Keck Graduate Institute School of Pharmacy, Lebanese American University School of Pharmacy, Loma Linda University School of Pharmacy, Long

Island University Arnold and Marie Schwartz College of Pharmacy and Health Sciences, MCPHS University School of Pharmacy Boston, Mercer University College of Pharmacy, North Dakota State University College of Pharmacy, Nursing and Allied Sciences, Nova Southeastern University College of Pharmacy, Oregon State University College of Pharmacy, Presbyterian College School of Pharmacy, Shenandoah University Bernard J. Dunn School of Pharmacy, South Dakota State University College of Pharmacy, Southern Illinois University Edwardsville School of Pharmacy, St. Louis College of Pharmacy School of Pharmacy, Texas Southern University College of Pharmacy and Health Sciences, Touro University California College of Pharmacy, Union University School of Pharmacy, University of Cincinnati James L. Winkle College of Pharmacy, University of Colorado School of Pharmacy and Pharmaceutical Sciences, University of Connecticut School of Pharmacy, University of Florida College of Pharmacy, University of Illinois at Chicago College of Pharmacy, University of Kansas School of Pharmacy, University of Maryland Eastern Shore School of Pharmacy, University of Michigan College of Pharmacy, University of Missouri Kansas City School of Pharmacy, University of North Carolina Eshelman School of Pharmacy, University of Oklahoma College of Pharmacy, University of Southern California School of Pharmacy, University of Utah College of Pharmacy, University of Wisconsin- Madison School of Pharmacy, University of Wyoming School of Pharmacy, Virginia Commonwealth University School of Pharmacy, Wayne State University Eugene Applebaum College of Pharmacy and Health Sciences, West Coast University School of Pharmacy, Wilkes University Nesbitt School of Pharmacy and Wingate University School of Pharmacy.

Staff Consultations Requested

The following programs requested and received staff on-site consultations: **South College School of Pharmacy; Stony Brook School of Pharmacy and Pharmaceutical Sciences.**

Annual Monitoring: In addition to the monitoring presented above, all programs are monitored through statistical analysis of enrollment, attrition, academic dismissals, withdrawals, and on-time graduation rates and financial stability provided by AACP review of graduates' performance on NAPLEX[®] examinations 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.

Self-Study Training for Colleges and Schools of Pharmacy: Two workshops were conducted for deans and self-study chairs in August 2016 with a combined total of 59 attendees participating.

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.

Marc Abel, Dean, Rosalind Franklin University of Medicine & Science College of Pharmacy, **David D. Allen**, Dean and Professor, University of Mississippi School of Pharmacy, **Fadi M. Alkhateeb**, Director of Assessment & Associate Professor of Pharmacy Administration, Texas A&M University Health Science Center Irma Lerma Rangel College of Pharmacy, **Dean Arneson**, Dean, Concordia University School of Pharmacy, **Joseph A Barone**, Dean and Professor II, Rutgers, the State University of New Jersey Ernest Mario School of Pharmacy, **Robert Beardsley**, Professor, Pharmaceutical Health Services Research, University of

Maryland School of Pharmacy, **Erin M. Behnen**, Assistant Provost for Academic Innovation & Effectiveness, Southern Illinois University Edwardsville School of Pharmacy, **Tricia Berry**, Chair, Department of Pharmacy Practice, St. Louis College of Pharmacy, **Joseph Bonnarens**, Associate Dean for Student Affairs/Associate Professor of Pharmacy Administration, Manchester University College of Pharmacy, **Gayle A. Brazeau**, Dean, University of New England College of Pharmacy, **Laurie Briceland**, Assistant Dean for Experiential Education and Admissions, Albany College of Pharmacy and Health Sciences, **Marie Chisholm-Burns**, Member, ACPE Board of Directors, Dean and Professor, University of Tennessee Health Science Center College of Pharmacy, **Larry D. Calhoun**, Dean, East Tennessee State University College of Pharmacy, **Thomas Campbell**, Dean for Academic Affairs, Lipscomb University College of Pharmacy, **Bradley Cannon**, Director, Experiential Education, Rosalind Franklin University of Medicine & Science College of Pharmacy, **Patricia Chase**, Dean Emerita and Professor, West Virginia University School of Pharmacy, **Judy Christensen**, Practitioner and Former Member, ACPE Board of Directors, **M. Lynn Crismon**, Dean, University of Texas at Austin College of Pharmacy, **Michael A. Crouch**, Dean and Professor, Samford University McWhorter School of Pharmacy, **Danielle Cruthirds**, Associate Professor of Pharmacology, Samford University McWhorter School of Pharmacy, **Tonya Dauterman**, Assistant Professor of Pharmacy Practice and Director of Experiential Education, University of Findlay College of Pharmacy, **Patrick J. Davis**, Associate Dean, University of Texas at Austin College of Pharmacy, **Roger Davis**, Dean, Lipscomb University College of Pharmacy, **Gary E. Delander**, Executive Associate Dean, Oregon State University College of Pharmacy, **Surajit Dey**, Associate Professor of Pharmaceutical Sciences, Roseman University of Health Sciences College of Pharmacy, **Lisa Deziel**, Dean, Nova Southeastern University College of Pharmacy, **William Diers**, Staff Pharmacist, United Hospital Pharmacy Department, **Lori Duke**, Member, ACPE Board of Directors, University of Georgia College of Pharmacy, **Stephen W. Durst**, Dean, Ferris State University College of Pharmacy, **Janet P. Engle**, Professor and Head, Department of Pharmacy Practice and Senior Associate Dean for Clinical Education, University of Illinois at Chicago College of Pharmacy, **Dale English, II**, Associate Dean for Student Success & Director, Instructional Laboratories, Northeast Ohio Medical University College of Pharmacy, **Arcelia Johnson-Fannin**, Dean, University of the Incarnate Word Feik School of Pharmacy, **William Fant**, Faculty Emeritus, University of Cincinnati School of Pharmacy, **Nancy Fjortoft**, Dean, Midwestern University Chicago College of Pharmacy, **Linda Garavalia**, Professor and Associate Dean of Assessment, Western University of Health Sciences College of Pharmacy, **Stephanie F. Gardner**, Member, ACPE Board of Directors, University of Arkansas for Medical Sciences College of Pharmacy, **Brenda L. Gleason**, Associate Dean for Academic Affairs and Professor of Pharmacy Practice, St. Louis College of Pharmacy, **Donald Godwin**, Executive Associate Dean for Education, University of New Mexico College of Pharmacy, **David Gregory**, Dean for Academic Affairs, University of Mississippi School of Pharmacy, **Gireesh Gupchup**, Dean and Professor, Southern Illinois University Edwardsville School of Pharmacy, **Muhammad Habib**, Professor and Chairman, Howard University College of Pharmacy, **Philip D. Hall**, Dean & Professor, Medical University of South Carolina College of Pharmacy, **LuGina Mendez-Harper**, Member, ACPE Board of Directors, **Betty Jean Harris**, APPE Coordinator and Associate Professor, Husson University School of Pharmacy, **Ian S. Haworth**, Associate Professor, University of Southern California School of Pharmacy, **Dennis**

Hedge, Dean and Professor, South Dakota State University College of Pharmacy, **Charisse L. Johnson**, Associate Professor and Assistant Dean, Office of Experiential and Continuing Professional Education, Chicago State University College of Pharmacy, **Philip Johnston**, Dean, Belmont University School of Pharmacy, **Pamela U. Joyner**, Executive Associate Dean for Professional Education, University of North Carolina Eshelman School of Pharmacy, **Richard Kasmer**, Vice Dean, Northeast Ohio Medical University College of Pharmacy, **Kathleen Kennedy**, Dean, Xavier University of Louisiana College of Pharmacy, **James Knittel**, Professor, Western New England University College of Pharmacy, **Lila P. LaGrange**, Associate Professor, Pharmaceutical Sciences, University of the Incarnate Word Feik School of Pharmacy, **Roger Lander**, Professor, Samford University McWhorter School of Pharmacy, **Lisa A. Lawson**, Dean, Philadelphia College of Pharmacy at University of the Sciences in Philadelphia, **Anne Lin**, Dean and Professor, Notre Dame of Maryland University School of Pharmacy, **S. Suresh Madhavan**, Professor and Chair, West Virginia University School of Pharmacy, **David Maize**, Associate Dean, University of the Incarnate Word Feik School of Pharmacy, **Wanda Maldonado**, Dean, University of Puerto Rico School of Pharmacy, **Jodie Malhotra**, International Affairs Coordinator, Distance Degrees & Programs and Assistant Professor, Clinical, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, **Karen Marlowe**, Assistant Dean/Associate Department Head, Auburn University Harrison School of Pharmacy, **Holly Mason**, Senior Associate Dean, Purdue University College of Pharmacy, **Sarah E. McBane**, Associate Clinical Professor, University of California San Diego Skaggs School of Pharmacy & Pharmaceutical Sciences, **Russell Melchert**, Dean and Professor, University of Missouri-Kansas City School of Pharmacy, **Gloria E. Meredith**, Founding Dean, Binghamton University School of Pharmacy and Pharmaceutical Sciences, **Marsha Millonig**, President and CEO, Catalyst Enterprises, LLC, **Dennis McAllister**, Member, ACPE Board of Directors, **Sharon McDonough**, Coordinator of Assessment and Assistant Professor, University of Tennessee Health Science Center College of Pharmacy, **William J. McIntyre**, Associate Dean for Clinical Programs & Clinical Professor of Health Outcomes and Pharmacy Practice, University of Texas at Austin College of Pharmacy, **Jane Mort**, Professor and Associate Dean for Academic Programs, South Dakota State University College of Pharmacy, **Michael A. Mone**, President, ACPE Board of Directors, Cardinal Health, **James D. Nash**, Associate Dean and Associate Professor, Regis University School of Pharmacy, **Joseph R. Ofosu**, Dean, University of St. Joseph School of Pharmacy, **Svein Oie**, Dean, University of Georgia College of Pharmacy, **Peggy Piascik**, Professor of Pharmacy Practice and Science, University of Kentucky College of Pharmacy, **Therese Poirier**, Professor of Pharmacy Practice & Senior Scholar, Southern Illinois University Edwardsville School of Pharmacy, **Rebecca R. Prevost**, Administrative Director of Pharmacy, Florida Hospital System, **F. Lamar Pritchard**, Dean, University of Houston College of Pharmacy, **Anthony Provenzano**, Member, ACPE Board of Directors, and Practitioner, **Elizabeth Putnam**, Associate Professor and Chair, University of Montana College of Health Professions & Biomedical Sciences Skaggs School of Pharmacy, **Anna Ratka**, Professor and Chair, Department of Pharmaceutical Sciences, Chicago State University College of Pharmacy, **Indra K. Reddy**, Dean, Texas A&M Health Science Center Irma Lerma Rangel College of Pharmacy, **Peter J. Rice**, Professor, University of Colorado Anschutz Medical Campus Skaggs School of Pharmacy and Pharmaceutical Sciences, **Wesley D. Rich**, Assistant Dean for Administration, Campbell University College of

Pharmacy & Health Sciences, **Victoria F. Roche**, Member, ACPE Board of Directors, Senior Associate Dean, Creighton University Medical Center School of Pharmacy and Health Professions, **Martha M. Rumore**, Member, ACPE Board of Directors, Associate Professor, Social Behavioral & Administrative Pharmacy, Touro College of Pharmacy, **Gina J. Ryan**, Clinical Professor and Associate Dean for Administration, Mercer University College of Pharmacy, **Kevin O. Rynn**, Vice Dean and Associate Professor, Pharmacy Practice, Rosalind Franklin University of Medicine and Science College of Pharmacy, **Arindam Basu Sarkar**, Associate Professor of Pharmaceutical Sciences, University of Findlay College of Pharmacy, **Amy Schwartz**, Associate Dean of Academic & Clinical Affairs and Associate Professor, University of South Florida School of Pharmacy, **Terry Short**, Practitioner, **Alok Shushan**, Chair and Professor, Thomas Jefferson University Jefferson School of Pharmacy, **George R. Spratto**, ACPE Evaluation Consultant and Former Member, ACPE Board of Directors, **Mary Stamatakis**, Associate Dean/Associate Professor, West Virginia University School of Pharmacy, **Susan Stein**, Associate Dean, College of Health Professions and Professor, School of Pharmacy, Pacific University School of Pharmacy, **Scott Stolte**, Dean, Roseman University of Health Sciences College of Pharmacy, **Craig K. Svensson**, Dean and Professor, Purdue University College of Pharmacy, **Steven Swanson**, Dean and Professor, University of Wisconsin Madison School of Pharmacy, **Charles T. Taylor**, Dean and Professor, Pharmacy Practice, Northeast Ohio Medical University College of Pharmacy, **Toyin Tofade**, Assistant Dean, Experiential Learning Program, and Associate Professor, University of Maryland School of Pharmacy, **Timothy L. Tucker**, Secretary/Treasurer, ACPE Board of Directors, and Practitioner, City Drug Company, **Lucio Volino**, Clinical Assistant Professor Rutgers, The State University of New Jersey, Ernest Mario School of Pharmacy, **Andrea Wall**, Assistant Dean for Student Affairs, University of Cincinnati James L. Winkle College of Pharmacy, **Julie Hixson-Wallace**, Dean, Harding University College of Pharmacy, **Donald H. Williams**, Former Member, ACPE Board of Directors, and Practitioner, **Amy Friedman Wilson**, Assistant Dean for Academic Affairs & Associate Professor, Pharmacy Practice, Creighton University Medical Center School of Pharmacy and Health Professions, **Sharon Youmans**, Vice Dean, University of California-San Francisco, **Darla Zarley**, Director of Experiential Education, Roseman University of Health Sciences College of Pharmacy, **Kimberly Broedei-Zaugg**, Chair & Professor, Marshall University School of Pharmacy, **Robin Zavod**, Professor, Pharmaceutical Sciences, Midwestern University Chicago College of Pharmacy, **S. William Zito**, Associate Dean for Assessment and Professor Pharmaceutical Sciences, St. John's University College of Pharmacy & Allied Health Professions

CONTINUING PHARMACY EDUCATION (CPE) PROGRAM

APPLICATIONS FOR ACCREDITATION AS A PROVIDER OF CONTINUING PHARMACY EDUCATION

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

Baylor Scott & White Health, California Northstate University, Children's National Medical Center, Missouri Pharmacy Association, Swedish Medical Center and Western Schools.

First Review of Applicants: A total of nine First Review Reports by applicants initially accredited in 2015 were evaluated. First Review Reports were submitted by the following providers:

American Association of Colleges of Pharmacy, Bayfront Health St Petersburg, Cambridge Health Alliance, Cleveland Clinic Abu Dhabi, Escola de Pós-graduação em Saúde e Gestão, Lone Star College - Tomball Pharmacy Technology, Orlando Health, Inc., St. John Fisher College Wegmans School of Pharmacy and Tribune Group GmbH.

Second Review of Applicants: A total of seven Second Review Reports by applicants initially accredited in 2014 were evaluated. Second Review Reports were submitted by the following providers:

All Children's Hospital Department of Pharmacy, Ascension Health Resource and Supply Management Group, LLC, International Pharmaceutical Federation (FIP), Medical Education Training Campus Pharmacy Technician Program, ScientiaCME, LLC, Specialty Pharma Education Center and Tennessee Pharmacists Consortium for Education.

COMPREHENSIVE REVIEWS AS A PROVIDER OF CONTINUING PHARMACY EDUCATION

A total of thirty-six Comprehensive Reviews were reviewed. Each review entailed an evaluation of a variety of materials reflecting the provider's CPE program, including sample continuing pharmacy education activities and a self-assessment report reviewed by Field Reviewers and CPE Commissioners. Comprehensive Reviews submitted by the following providers were evaluated:

Academy for Continued Healthcare Learning, The, Allegheny General Hospital Department of Pharmacy Services, Arnold and Marie Schwartz College of Pharmacy and Health Sciences of Long Island University, California Society of Health-System Pharmacists, Center for Accredited Healthcare Education, The Centers for Disease Control and Prevention, City of Hope National Medical Center, CME Outfitters, LLC, Comprehensive Pharmacy Services, Inc., Continuing Education Network, Inc., Cook County Health and Hospitals System, Drug Information Association (DIA), Duquesne University School of Pharmacy, France Foundation, The Georgia Pharmacy Association, Inc., Georgia Society of Health-System Pharmacists, Inc., Innovatix, LLC, Kaiser Foundation Health Plan of Colorado Department of Pharmacy, King Faisal Specialist Hospital & Research Center, Lahey Hospital & Medical Center, MCPHS University, Memorial Sloan-Kettering Cancer Center Division of Pharmacy Services, Minnesota Pharmacists Association, National Jewish Health, New Mexico Pharmacists Association, Potomac Center for Medical Education, Texas A&M Health Science Center Coastal Bend Health Education Center, Texas Southern University College of Pharmacy and Health Sciences, Texas Tech University Health Sciences Center School of Pharmacy, The University of Texas MD Anderson Cancer Center, University of Florida College of Pharmacy, University of Southern California School of Pharmacy, University of Toledo College of Pharmacy, Utah Society of Health-System Pharmacists, VA Western New York Healthcare System and W-F Professional Associates, Inc.

Monitoring During the Accreditation Period

Interim Reports: Based upon previous Board accreditation actions, sixty-six interim reports were received during the year. These reports were analyzed against the issues noted in the earlier accreditation actions and were presented for consideration:

Academy of Managed Care Pharmacy, Alabama Society of Health-System Pharmacists, American Society of Consultant Pharmacists, Annenberg Center for Health Sciences at Eisenhower, Arizona Pharmacy Association, Auburn University Harrison School of Pharmacy, Barnett International, Belmont University College of Pharmacy, California Pharmacists Association, Centers for Medicare and Medicaid Services, Children's Medical Center, Department of Pharmacy, CompleteRx, Connecticut Pharmacists Association, CPE Consultants, LLC, Dana-Farber Cancer Institute, Drug Store News, Emory University Hospital Department of Pharmaceutical Services, European Association of Hospital Pharmacists (EAHP), Florida Association of Consultant Pharmacists, Florida Society of Health-System Pharmacists, Inc., Hamad Medical Corporation, Harris County Hospital District, Learning and Resource Center, Idaho Society of Health-System Pharmacists, Illinois Pharmacists Association, Institute for Natural Resources (INR), Kentucky Pharmacy Education and Research Foundation, Inc., King's Daughters' Medical Center, Lee Memorial Health System, Lippincott Continuing Medical Education Institute, Inc., Michigan Pharmacists Association, NACDS, National Association of Boards of Pharmacy and NABP Foundation, Inc., National Community Pharmacists Association, National Pharmaceutical Association, Inc., Nebraska Council for Continuing Pharmacy Education, New Jersey Pharmacists Association, Ohio Northern University College of Pharmacy, Ohio Pharmacists Foundation, Inc.

PDA, Penn State Milton S. Hershey Medical Center, Pharmacy Society of Wisconsin, Philadelphia College of Pharmacy, Rx School, Skaggs School of Pharmacy at the University of Montana, South Carolina Pharmacy Association, South Dakota State University College of Pharmacy, Southeastern Continuing Medical Education Consultants, LLC, Southeastern Michigan Society of Health-System Pharmacists, St. Louis College of Pharmacy, St. Vincent Hospitals and Health Services, Department of Pharmacy, Sullivan University College of Pharmacy, Temple University School of Pharmacy, The Medical Letter, Inc., Union University School of Pharmacy, University of Arizona College of Pharmacy, The University of Cincinnati College of Pharmacy, University of Georgia College of Pharmacy, University of Illinois at Chicago College of Pharmacy, University of Kentucky College of Pharmacy, University of North Carolina Eshelman School of Pharmacy, University of Rhode Island College of Pharmacy, University of the Pacific, Thomas J. Long School of Pharmacy and Health Sciences, Vindico Medical Education, Virginia Pharmacists Association

WellStar Health System Pharmacy and West Virginia University School of Pharmacy.

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

Ferris State University College of Pharmacy, George Washington University Hospital Department of Pharmacy, Lehigh Valley Hospital Pharmacy Department, Palm Beach Atlantic University, Saudi Pharmaceutical Society c/o King Saud University College of Pharmacy (2), Society of Critical Care Medicine, University of Mississippi School of Pharmacy, Utah Pharmacists Association, VCU School of Pharmacy Office of Continuing Education and Washington State University College of Pharmacy.

Providers Placed on Probation: The following providers were placed on probation: VCU School of Pharmacy

Discontinued Providers: Nine 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:

Butler University, Chapters Health System, Educational Concepts Group, Hawaii Pharmacists Association (HPhA), Meniscus Educational Institute, Methodist Healthcare - Memphis Hospitals, Rutgers University Ernest Mario School of Pharmacy, Vital Care, Inc. and Vizient, Inc. (legacy MedAssets).

Withdrawal of Accreditation: One organization had their accreditation status withdrawn: Institute for Continuing Healthcare Education.

On-going Monitoring: ACPE staff continued daily monitoring of accredited providers through review of Activity Description Forms (ADFs), CPE Monitor[®] activity, responses to questions, requests for information from accredited providers, and follow-up to written complaints received regarding specific providers and/or continuing pharmacy education program and activities.

Provider Guidance

During 2016, 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. The workshops are designed to provide a working knowledge of the ACPE accreditation process as it relates to continuing pharmacy education, *ACPE Standards for Continuing Pharmacy Education*, policies and procedures, *Standards for Commercial Support*, Provider Web Tool, CPE Monitor[®], and Continuing Professional Development as they relate to the provider's accredited continuing education program.

Two CPE Administrator Workshops were offered in Chicago, IL, April 14-15, 2016, and October 18-19, 2016. Total number of participants was 67. In addition, we sold 54 individual webinars on ACPE Standards for Continuing Pharmacy Education.

Field Reviewers

During 2016, the following field reviewers assisted with the review of self-assessment reports for Comprehensive Review for the CPE provider accreditation process:

Elizabeth Agard, Brookdale Hospital Medical Center; **Marilyn Bulloch**, Auburn University Harrison School of Pharmacy and University of Alabama School of Medicine College of Community Health Sciences; **Deidre Clark**, UAB Hospital; **Janet Cline**, Janet Cline Consulting; **Robin Cooke**, High Point University School of Pharmacy; **Wanda Dagher**, Walgreens; **Teresa DeLellis**, Manchester University College of Pharmacy/Dupont Hospital; **Keith DeMonte**, St.

John Fisher College Wegmans School of Pharmacy; **Cheryl Ekegren-Kirby**, University of Minnesota College of Pharmacy; **Bonnie Falcione**, University of Pittsburgh School of Pharmacy; **Jill Fitzgerald**, University of Connecticut School of Pharmacy; **David Fuentes**, Pacific University Oregon School of Pharmacy; **Jacob Gettig**, Chicago College of Pharmacy and Midwestern University; **Charisse Johnson**, Chicago State University College of Pharmacy; **Reza Karimi**, Pacific University School of Pharmacy; **Cindi Koh-Knox**, Purdue University College of Pharmacy; **Tina Lopez**, University of the Incarnate Word; **Nancy Lyons**, Drug Store News; **Kathleen McCartney**, University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences; **Patty Melissen**, Albertsons/Safeway; **Erika Michalski**, St. Louis College of Pharmacy; **Mai Nguyen**, Orlando Health; **Missy Ochalla**, Loyola University Medical Center; **Antonia Pasvantis**, Tenet Health; **Shreya Patel**, Touro College of Pharmacy/Mount Sinai St. Luke's; **Richard Perry**, LIU Pharmacy; **Jeanie Ross**, Nova Southeastern University; **Kate Scahill**, St. John Fisher College Wegmans School of Pharmacy; **Elizabeth Sebranek**, Evans Intermountain Healthcare; **Larry Selkow**, Safeway; **Walter Siganga**, Southern Illinois University Edwardsville; **Nancy Stonis**, Orthopaedic Trauma Association (previously with AADE); **Rosalyn Vellurattil**, University of Illinois at Chicago College of Pharmacy; **Julie Wickman**, Philadelphia College of Osteopathic Medicine School of Pharmacy; **Robert Willis**, Albertsons/Safeway; **Brian Winther**, Primary Children's Hospital.

INTERNATIONAL SERVICES PROGRAM

INTERNATIONAL SERVICES PROGRAM ADVISORY GROUP (ISPAG)

Members of the International Services Program Advisory Group were as follows:

- Lilian Azzopardi, BPharm (Hons), MPhil, PhD, MRPharmS, Msida, Malta
- Tina Penick Brock, RPh, MS, EdD, Melbourne, Australia
- Robert W. Brueggemeier, PhD, Columbus, Ohio, USA
- Bronwyn Clark, MClinPharm, FPS, Canberra Area, Australia
- Ildikó Csóka, MS, PharmD, PhD, Szeged, Csongrad, Hungary
- Mahama Duwiejua, BPharm, PhD, Kumasi, Ghana
- Rosa Issel Acosta González, MSc, PhD, Tamaulipas, Mexico
- Lorraine Horgan, BSc, MEconSc, Dublin, Ireland
- Rosalyn Cain King, BS, PharmD, MPH, Silver Spring, Maryland, USA
- Nahoko Kurosawa, PhD, Sapporo, Hokkaido, Japan
- Roger Lander, PharmD, FASHP, FCCP, BCACP, Birmingham, Alabama, USA
- Alan Lyles, ScD, MPH, RPh, Baltimore, Maryland, USA
- Arijana Meštrovic, MPharm, DrSc, Zagreb, Croatia
- Leonila M. Ocampo, RPh, MS, Manila, The Philippines
- Tarcísio José Palhano, Brasília, Brazil
- Antonio Sánchez Pozo, PhD, Granada, Spain
- K. Ravi, MPharm, PhD, FAGE, Coimbatore, India
- Timothy W. Rennie, MPharm, PhD, MRPharmS, Windhoek, Namibia
- Chuthamane C. Suthisang, BPharm, PhD, Bangkok, Thailand
- T. Thomas, BPharm, MS, PhD, Subang Jaya, Selangor Darul Ehsan, Malaysia
- Fe-Lin Lin Wu, BS, MS, PhD, Taipei, Taiwan

CERTIFICATION ACTION TAKEN

On the basis of comprehensive and focused on-site evaluations conducted during the reporting year and communications received from the institutions, the Board of Directors determined the certification status along with specified terms and conditions for the professional programs noted below. (Note: A list of certified professional degree programs of colleges, schools, and faculties of pharmacy, which designates the respective history of the certification status of the programs and the academic year for the next currently scheduled evaluation, is posted on the ACPE web site at <https://www.acpe-accredit.org/international-services-program/>). An action to “continue” implies that the certification term has been extended. An action to “affirm” implies that a previously established certification term has been confirmed. The certification actions taken are as follows:

For Purposes of Considering Authorizing an On-Site Evaluation Visit

The Board authorized an on-site evaluation of the Doctor of Pharmacy (PharmD) Program of **Qassim University College of Pharmacy, Gassim, Kingdom of Saudi Arabia**. The comprehensive on-site evaluation was conducted during fall 2016 to provide the basis for the Board’s consideration of Certification of the PharmD degree program at its January 2017 meeting.

For Purposes of Considering Granting Certification

Qassim University College of Pharmacy, Kingdom of Saudi Arabia:

Doctor of Pharmacy Program: Certification was granted (2016-17; 2018-19)

University of Jordan School of Pharmacy, Hashemite Kingdom of Jordan

Bachelor of Science in Pharmacy Program: Certification was granted (2015-2016; 2017-2018)

Doctor of Pharmacy Program: Certification was granted (2015-2016; 2017-2018)

For Purposes of Considering Granting Certification after Provisional Certification

Near East University Faculty of Pharmacy, Northern Cyprus

Master of Science in Pharmacy Program: Certification was granted (2015-16; 2017-18)

For Purposes of Considering Continued Certification

Al Ain University of Science and Technology College of Pharmacy, United Arab Emirates:

Bachelor of Science in Pharmacy Degree (2016-17; 2020-21). Focused on-site evaluation in Fall 2018.

Jagadguru Sri Shivarathreeswara University College of Pharmacy, Mysuru and Ootacamund, Republic of India

Doctor of Pharmacy Program (2015-16; 2019-20)

King Faisal University College of Clinical Pharmacy, Kingdom of Saudi Arabia

Doctor of Pharmacy Program (2015-16; 2019-20)

Monitoring During the Certification Period

The interim reports for the programs of the following schools were reviewed. If additional on-site monitoring has been requested through a focused on-site evaluation, it is so indicated.

King Saud University College of Pharmacy, Kingdom of Saudi Arabia:

Bachelor of Pharmacy (2014-15; 2018-19)

Doctor of Pharmacy (2014-15; 2018-19)

Near East University Faculty of Pharmacy, Northern Cyprus

Master of Science in Pharmacy Program (2015-16; 2017-18) Focused on-site evaluation in Spring 2018.

ISP Staff Consultations Requested:

Pre-Application Consultations were provided for the following schools that are in the process of applying for Certification: Jordan University of Science and Technology (February 2016), Dubai Pharmacy College (March 2016), University of Petra (October 2016), and Ajman University (November 2016).

Certification Workshops for Schools of Pharmacy:

A workshop was conducted in Dubai, United Arab Emirates (UAE), for deans, academic staff and administrators from universities and schools of pharmacy in the UAE interested in considering Certification of their pharmacy degree program.

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, International Commissioners, and staff) who serve voluntarily as evaluation team members. Training for on-site evaluators was provided in Riyadh, Saudi Arabia (February 2016) and Chicago, IL (December 2016). Both academic and practice-oriented individuals served during the year.

Azza Agha, Vice President of Higher Education, National Authority for Quality Assurance and Accreditation of Education, Cairo, Arab Republic of Egypt, and Member, ACPE International Commission; **Amal Ghaleb Al-Bakri**, Professor, University of Jordan, School of Pharmacy, Amman, Jordan; **Yousif Abdu Asiri**, Vice Rector of Development and Quality, King Saud University, Riyadh, Kingdom of Saudi Arabia, and Member, ACPE International Services Program Advisory Group; **Eric Boyce**, Associate Dean for Academic Affairs and Professor of Pharmacy Practice, University of the Pacific, School of Pharmacy & Health Sciences, Stockton, California; **Lori J. Duke**, Assistant Dean of Experience Programs, University of Georgia, College of Pharmacy, Athens, Georgia, and Member, ACPE Board of Directors; **Patricia Acuña Johnson**, Professor of Pharmacology, University of Valparaiso, Faculty of Pharmacy, Valparaiso, Chile, and Member, ACPE International Commission; **John C. Kirtley**, Executive Director, Arkansas State Board of Pharmacy, Little Rock, Arkansas, and Member, ACPE Board of Directors; **Claude Mailhot**, Associate Vice-Rector for Quality Promotion, University of Montreal, Montreal, Quebec, Canada, and past-Member, ACPE International Commission; and **Anthony Kwaku Wutoh**, Provost, Howard University, Washington, DC, and Member, ACPE International Commission.

PHARMACY TECHNICIAN EDUCATION AND TRAINING ACCREDITATION IN COLLABORATION WITH THE AMERICAN SOCIETY OF HEALTHSYSTEM PHARMACISTS

The Pharmacy Technician Accreditation Commission (PTAC) met in May (Initial accreditation = 16, Reaccreditation = 10, Voluntary withdrawals = 16) and October (Initial accreditation = 12, Reaccreditation = 12, Voluntary withdrawals = 18) of 2016.

Changes to the ASHP/ACPE accreditation standards as of January 1, 2016 noted below were implemented in the accreditation review process.

- To change the section of the Accreditation Standard for Pharmacy Technician Education and Training Programs (the Standard) regarding requirements that student experiential activities be performed in at least two different types of contemporary pharmacy experiences from “must” to “should”
- To allow accredited pharmacy technician education and training programs to evaluate the Standard and determine whether they wish to use hands-on training in either sterile, nonsterile, or both sterile and nonsterile simulated training experiences (programs would still be required to meet all of the didactic portions of the Standard)

APPENDIX A

ACPE PUBLICATIONS – Copies of any of these publications can be downloaded from the ACPE web site at www.acpe-accredit.org.

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; Guidelines Version 2.0 Adopted January 23, 2011; Effective February 14, 2011.

Accreditation Standards and Key Elements for the Professional Degree Program in Pharmacy Leading to the Doctor of Pharmacy Degree, Adopted January 21, 2015

Guidance for the Accreditation Standards and Key Elements for the Professional Degree Program in Pharmacy Leading to the Doctor of Pharmacy Degree, Adopted January 21, 2015

Directory of Accredited Professional Programs of Colleges and Schools of Pharmacy Policies and Procedures for the Accreditation of Professional Degree Programs Directory of Accredited Providers of Continuing Pharmacy Education on ACPE

Standards for Continuing Pharmacy Education Adopted June 20, 2007; Released October 5, 2007; Effective January 1, 2009

Continuing Pharmacy Education Policies and Procedures: CPE Standards; Effective June 2010

International Quality Criteria for Certification of Professional Degree Programs in Pharmacy, Version 1.1, Adopted: June 23, 2016; Effective: January 1, 2017

Policies and Procedures for Certification of Professional Degree Programs in Pharmacy in Countries other than the United States and its Territories; Adopted: June 23, 2016; Effective: June 23, 2016

Directory of Certified Programs of Colleges and Schools of Pharmacy

APPENDIX B

ACPE Professional Program Accreditation, Continuing Pharmacy Education Provider Accreditation, and International Services Program Operations for the Twelve Months ending 12/31/16

Revenue	\$4,259,590
Expenses	\$4,069,195
Net	\$190,395

ACPE is appreciative of the ongoing, substantial financial support it receives from the American Association of Colleges of Pharmacy, American Pharmacists Association, and National Association of Boards of Pharmacy.

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