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Biosketches of Presenters

2009 PQA Annual Meeting

KAREN ADAMS

Karen Adams, Ph.D., M.T. is Vice President of National Priorities at the National Quality Forum (NQF). In this role she oversees the National Priorities Partners, a multi-stakeholder initiative that is establishing priorities and goals for health care quality improvement and public reporting. Immediately prior to assuming her position at NQF, Dr. Adams served as Program Officer of the Commonwealth Fund's State Innovations Program. She also served on several quality related projects at the Institute of Medicine (IOM) including: lead staff on the Performance Measures Subcommittee and the Pay for Performance Subcommittee of the congressionally mandated study Redesigning Health Insurance Performance Measures, Payment, and Performance Improvement Programs; study director of the project Priority Areas for National Action: Transforming Health Care Quality; and co-study director of The 1st Annual Crossing the Quality Chasm Summit: A Focus on Communities. Before coming to the IOM, she held the rank of assistant professor in the Department of Medical and Research Technology, University of Maryland School of Medicine and also was the academic coordinator of the undergraduate medical technology program. She received her undergraduate degree in medical technology from Loyola College, a master's degree in management from the College of Notre Dame, and a doctorate degree in health policy from the University of Maryland. During her doctoral studies she was awarded an internship at the Agency for Healthcare Research and Quality (AHRQ) where she researched and synthesized of over 30 years of innovations in medical informatics attributable to AHRQ funding and its predecessors. Dr. Adams is also a certified Medical Technologist with experience in a variety of clinical laboratory settings.

LAWRENCE BROWN

Dr. Lawrence "LB" Brown, PharmD, PhD is Associate Professor and Director of the UT Center for Medication Therapy Management at the University of Tennessee college of pharmacy. He completed his Doctor of Pharmacy degree at the University of the Pacific in Stockton, California in 1999.

Dr. Brown began his career in pharmacy as a U.S. Air Force Pharmacy Technician from 1985 to 1991. He has also worked in Independent, Chain, and grocery store pharmacies. Dr. Brown completed his Ph.D. in Social and Administrative Pharmacy at the University of Minnesota in 1999. His main research interests are the economic and clinical outcomes of Pharmacists-Provided Medication Therapy Management Services, pharmacist salary and workplace issues, and consumer perception of pharmacists' roles within the health care system.

He served on the planning committee and as moderator for the 2005 AHRQ MTMS Expert Meeting, and on the planning committee and as speaker for the 2006 International Symposium on Medication Therapy Management. Dr. Brown created and teaches a required course in Medication Therapy Management course for the second-year Pharm.D. students. He has also given invited presentations on MTMS in France, Hungary, and Thailand, as well as the United States. He is also the co-chair of CMS' Pharmacy Quality Alliance Reporting Subgroup, and chair of PhRMA's Independent DTCA Review Panel. Dr. Brown currently holds joint appointments with the UT College of Medicine, Dept of Preventive Medicine, Xavier University College of Pharmacy, and the University of Arizona, College of Pharmacy.

JUDITH A. CAHILL

As Executive Director of the Academy of Managed Care Pharmacy, Judy Cahill has responsibility for policy creation and implementation, administrative operations, and overall staff leadership of the Academy of Managed Care Pharmacy (AMCP). The Academy is a professional society with over 5,300 members nationwide which is dedicated to the continuing professional development of pharmacists engaged in the practice of pharmacy in managed care settings.

Judy has been working in the dynamic area of managed health care for over 20 years. For 11 years she helped direct the activities of the Group Health Association of America, the leading trade association representing health maintenance organizations in the United States. Her area of responsibilities included policy development, medical management issues embracing quality measurement and management, and development of education programs, publications, and research projects. Prior to her duties with GHAA, Ms. Cahill served as contracting officer for the HMOs that participated in the United States Federal Employees Health Benefits Program.

She holds a Certification as an Employee Benefits Specialist from the Wharton School of Business, a Master of Arts degree from the University of Cincinnati, and a Bachelor's degree from LeMoyne College. She serves on several editorial advisory boards and Boards of Directors for organizations dedicated to serving the pharmacy profession.

CAREY C. COTTERELL

Carey C. Cotterell, RPh, FAMCP, FCSHP, DPNAP, is the Pharmacy Quality & Patient Safety Leader for the Northern and Southern California Regions of Kaiser Permanente. He has been with Kaiser Permanente for almost 39 years.

Throughout his career, Mr. Cotterell has been actively involved in the improvement of quality and the advancement of programs that assess and enhance the delivery of pharmaceutical care.

He has extensive experience in the development, implementation, operations, and evaluation of a wide range of pharmaceutical care services.

In his current role, he has direct responsibilities within the California Regions for pharmacy quality management, medication safety initiatives, medication-use system components of the KP HealthConnect system (electronic medical record), performance improvement, and provides national leadership on these matters throughout Kaiser Permanente. Mr. Cotterell has been a member of the Boards of Directors of the California Society of Health-System Pharmacists, the American Society of Health-System Pharmacists, and the Academy of Managed Care Pharmacy, and is a Past-President of CSHP and AMCP. He is a Fellow of both the Academy of Managed Care Pharmacy and the California Society of Health-System Pharmacists. Carey has served on PQA's Quality Metrics Expert Panel, Consumer Feedback and Assessment Cluster Group, and in 2009 is the Vice-Chair of the Patient Safety Cluster Group.

JAMES DEVITA

Jim DeVita is the Director of Quality Assurance and Patient Safety for CVS Caremark's Retail Operations. Jim joined CVS/pharmacy as a pharmacist upon graduating from Massachusetts College of Pharmacy and Health Sciences in 1985.

Over the next twenty four years, he has held numerous positions at CVS including Pharmacy Manager, Pharmacy Supervisor, Regional Healthcare Manager, Manager of Regulatory Compliance and Director of Quality Assurance and Patient Safety.

Among his professional affiliations, Jim has served on several NABP committees including the Task Force on Continuous Quality Improvement and the Task Force on Pharmacy Accreditation Standards. He is a ten year member and current President of the Massachusetts Board of Registration in Pharmacy.

DAVE DOMANN

Dave Domann is Director, Future Market Strategies at Ortho-McNeil Janssen Pharmaceutical, Inc., in Titusville, New Jersey. He is responsible for developing in-depth understanding of the critical issues related to evidence based medicine and value delivery and establishing collaborative relationships with emerging health care stakeholders. He also drives an understanding in the organization of new healthcare delivery models and quality improvement policies that influence healthcare in the US.

Dave is Chairperson of the NQF Supplier / Industry Council and serves on the NQF Leadership Network. He was recently selected to represent try on the NQF Convened National Priority Partnership. He also Co-Chairs the Pharmacy Quality Alliance (PQA) Workgroup on Medication Management Integration with the Medical Home and recently Co-Chaired the PQA Education and Communication Workgroup.

He has also served on several PQA Workgroups (Reporting, Respiratory Care, and Safety). While at Ortho-McNeil Janssen Pharmaceuticals, Dave has participated in the development of quality improvement programs to promote the appropriate use of medications. He also is one of the authors of the recent Pharma White Paper on Evidence Based Medicine developed in support of the Institute of Medicine (IOM) EBM Sectoral Strategies Project.

Previously, Dave led Healthcare Quality Management and Medical Communication departments at Janssen Pharmaceutica and Ortho-McNeil-Janssen Scientific Affairs in support of evidence based medicine and quality improvement initiatives, and product related inquiries from healthcare professionals/consumers, formulary information needs of managed care and government decision makers and handled evidence based medicine evaluations/submissions.

He has pharmacy experience in community, hospital, and long-term care pharmacy consultant environments and served as a member of the Kansas Drug Utilization Review Foundation.

Dave has served as Chairperson of the Drug Information Association (DIA) SIAC on Medical Communications that represents medical information and field based medical groups in the industry as well as the DIA Steering Committee of North America. In these roles, he helped establish communication methods and strategic direction for the organization in the establishment of the new special interest area community structure. He currently serves on the Editorial Board of the Drug Information Association Journal. In 2005, he was recognized by DIA as a recipient of the Outstanding Service Award for his sustained contributions to the DIA.

BRAN HILLE

Brian Hille, RPh, is the Director of Pharmacy Care at Safeway Food and Drug. He graduated from Oregon State University in 1991, with a BS in pharmacy. In 1998, Mr. Hille joined Safeway as a Regional Pharmacy Manager with responsibility for the operations of 30 stores in southwestern Washington, the Portland metropolitan area, and eastern Oregon.

During his time as Regional Pharmacy Manager, he developed immunization and health screening programs for Safeway Pharmacies which led to the newly created position, Director of Pharmacy Care at the Safeway corporate offices in Pleasanton, California in 2004. Under his watch, the Pharmacy Care program has been implemented in all divisions. Mr. Hille has directed the implementation of a number of Pharmacist provided services such as adult and adolescent immunizations, travel health services, medication therapy management, medication compliance, OTC advisor and a complete reengineering of the physical pharmacy design to adapt to the changing pharmacy practice.

Mr. Hille is an active member of the American Pharmacist Association serving on the editorial advisory board for the *Journal of the American Pharmacists Association*, the Pharmacy-Based Immunization Certificate Board and the Medication Management Certificate Training Board with APhA/ASCP. Mr. Hille is an active member of the Pharmacy Quality Alliance serving on the Data Aggregation and Reporting workgroup as the co-chair of the Pharmacist's and Pharmacy Reporting Workgroup and on the Quality Metrics Workgroup as the co-chair of the Prevention and Wellness cluster group.

MICHELLE KETCHAM

Michelle Ketcham, PharmD, MBA is employed by the Centers for Medicare and Medicaid Services (CMS) as a pharmacist and the data analysis team lead in the Division of Clinical and Operational Performance (DCOP) in the Medicare Drug Benefit and C&D Data Group within the Center for Drug and Health Plan Choice (CPC). Dr. Ketcham assisted in the implementation of the Medicare prescription drug benefit which began January 1, 2006.

DCOP is responsible for the first level oversight for much of the Medicare prescription drug benefit including performance measures, Part D Reporting Requirements, quality, patient safety, medication therapy management (MTM) programs, drug trend analysis, and cost trend analysis. Dr. Ketcham represents CMS on the PQA, a pharmacy quality alliance, and is subject matter expert for MTM.

Dr. Ketcham comes to CMS with experience in community pharmacy management and managed care. Her most recent position prior to joining CMS was as Clinical Account Services Manager, within a large pharmacy benefits management company.

Her responsibilities included providing strategic clinical, formulary, utilization management, reporting and drug information support to improve the clinical quality and cost-efficiency of her clients' pharmacy benefit. Dr. Ketcham additionally developed and worked as clinical pharmacist on two innovative clinical programs for a large employer client and a large union client. Dr. Ketcham also has experience as pharmacist and pharmacy manager for a community pharmacy.

Dr. Ketcham received her Doctor of Pharmacy from the Philadelphia College of Pharmacy (University of the Sciences in Philadelphia) and her MBA in Finance from Loyola College in Maryland.

MARY ANN KLIETHERMES

Mary Ann Kliethermes graduated from University of Michigan in 1977 with a Bachelor of Science in Pharmacy and from the Philadelphia College of Pharmacy and Science (now the University of Science in Philadelphia) with a Doctor of Pharmacy in 1981. Initially her practice was in hospital pharmacy where she worked as a clinical coordinator for 7 years. Her service included development of pharmacokinetic dosing, nutritional support and adverse drug event reporting programs and participation in P & T committee, ICU rounds and various drug utilization reviews.

Mary Ann moved on into Home Care Pharmacy over the next 10 years, where through part-ownership she was able to develop innovative clinical pharmacy services around antibiotic therapy, nutritional support and adverse drug events. She also worked as a consultant for the Illinois Pharmacy Foundation and was instrumental in developing the pharmacist immunization program in Illinois.

Starting in 2001 Mary Ann served seven years as Manager of the Medication Therapy Management Clinic at the University of Illinois – Chicago, developing and expanding the initial concept of a multiple medication refill clinic.

The MTM clinic is a referral based; pharmacist run clinic located in the outpatient pharmacy and serves approximately 150 patients with multiple conditions and multiple medications. Pharmacy Services provided include assistance with access, adherence and continuity of care as it relates to medications; monitoring for drug related problems and therapeutic effect; and patient education.

In 2008 she accepted the position of Vice-Chair - Ambulatory Care and Associate Professor at the Chicago College of Pharmacy, Midwestern University where her primary responsibilities will be to further develop clinical pharmacy services with the ambulatory care faculty through advancement of clinical services, mentoring and scholarship. Current initiatives include expanding research in the pharmacist anticoagulation clinics, developing and expanding clinical pharmacy services using the MTM model, medication reconciliation initiatives from the ambulatory perspective and pharmacist participation with the Patient Centered Medical Home concept. Mary Ann still maintains a practice two days a week within a large internal medicine physician owned ambulatory clinic.

Mary Ann has actively participated in organizational work throughout her career at the state and national level. She has served as Chair of the Section of Home, Ambulatory and Chronic Care for the American Society of Health-System Pharmacists (ASHP) and represents ASHP at the Joint Commission Ambulatory Professional and Technical Advisory Group and The Care Transitions Work Group spearheaded by the Physician Consortium for Performance Improvement.

Mary Ann has been awarded Pharmacist of the Year from the Illinois Council of Health System Pharmacists and has received the Distinguished Service Award from ASHP. Mary Ann has been involved with the Pharmacy Quality Alliance (PQA) since its inception and has participated in a number of the initiatives each year. Mary Ann is currently the co-chair of the Medication Reconciliation Cluster group for PQA.

JULIE KUHLE

Julie Kuhle is the Pharmacy Director for the Iowa Foundation for Medical Care (IFMC). Her responsibilities include developing and directing pharmacy-related activities for IFMC through technical expertise of quality measures, prescription drug claims, and drug safety.

Julie serves on several workgroups for the Pharmacy Quality Alliance (PQA) including co-chairing the QMEP and the workgroup to develop and propose MTM measures. She is working with researchers at the University of Iowa on a PQA demonstration project involving aggregating pharmacy claims data and reporting quality measures to community pharmacists.

MARK B. MCCLELLAN

Mark B. McClellan, MD is the director of the Engelberg Center for Health Care Reform at the Brookings Institution. The Center studies ways to provide practical solutions for access, quality and financing challenges facing the U.S. health care system. Additionally, McClellan is the Leonard D. Schaeffer Chair in Health Policy Studies and a Senior Fellow of Economic Studies.

McClellan was the former administrator for the Centers for Medicare and Medicaid Services (2004-2006) and the commissioner of the Food and Drug Administration (2002-2004). He served as a member of the President's Council of Economic Advisers and senior director for health care policy at the White House (2001-2002). He also served as the deputy assistant secretary for economic policy at the Treasury Department.

McClellan has also served as an associate professor in both economics and medicine at Stanford University where he directed Stanford's Program on Health Outcomes Research. McClellan received a Master's Degree in Public Administration and Medical Degree from Harvard University and a Doctor of Philosophy in Economics from MIT.

JAMES D. NASH

James D. Nash, PharmD, BCPS, CGP is an Assistant Professor of Clinical and Administrative Sciences at Sullivan University College of Pharmacy, Louisville, Kentucky. At Sullivan, Dr. Nash is also the founding director of the InterNational Center for Advanced Pharmacy Services (INCAPS). This center is focused on providing clinical pharmacy services, including MTM, from a patient-centered perspective.

Dr. Nash obtained his Doctor of Pharmacy degree from Mercer University College of Pharmacy in Atlanta, Georgia. He completed his PGY1 residency in Pharmacy Practice at the University of Colorado Health Sciences Center, University Hospital in Denver, Colorado. Afterward, he continued his training and completed a PGY2 residency in Primary Care/Pharmacotherapy at the University of Texas Health Science Center in San Antonio, Texas. Dr. Nash has obtained his Board Certification as a Pharmacotherapy Specialist (BCPS) from the Board of Pharmaceutical Sciences and his Certification in Geriatric Pharmacy (CGP).

Prior to coming to Sullivan, Dr. Nash's career has spanned from academia, as a faculty member at The Ohio State University College of Pharmacy, to his career in Managed Care Pharmacy, where he held positions at Kaiser Permanente Colorado and Humana, Inc. Specifically at Humana he helped implement their part-D MTM programs and founded the *RxMentor*sm program.

Dr. Nash holds specific clinical areas of interest in the fields of Rheumatology and Diabetes. In addition to serving his second year as the co-chair of PQA's MTM Cluster Group he is actively involved in many other professional organizations including American Pharmacists Association (APhA), Academy of Managed Care (AMCP), and American College of Clinical Pharmacy (ACCP).

ELEANOR M. PERFETTO

Dr. Eleanor M. Perfetto, Ph.D., M.S. joined Pfizer Inc in January 2006. In 2009, she became Senior Director, Reimbursement & Regulatory Affairs. Dr. Perfetto monitors and analyzes prescription drug and healthcare coverage and reimbursement policy issues, particularly with regard to CMS, Medicare, and comparative effectiveness research.

Dr. Perfetto holds BS and MS degrees in pharmacy from the University of Rhode Island, and a PhD from the University of North Carolina School of Public Health, with concentrations in health policy and epidemiology. She currently serves as a board member of the Pharmacy Quality Alliance (PQA), and is co-chair of the PQA Research Coordinating Council.

In 2008, she was appointed to the Centers for Medicare and Medicaid Services Medicare Evidence Development & Coverage Advisory Committee (MedCAC). Dr. Perfetto served for six years on the Drug Information Association (DIA) Board of Directors and is a DIA past President (2003-2004).

Prior to joining Pfizer, Dr. Perfetto provided research consulting services for over eight years to government agencies, the pharmaceutical industry, and professional organizations. Prior to consulting, Dr. Perfetto established a new division responsible for global health outcome and economic research at Wyeth-Ayerst. She also served in the U.S. Public Health Service as senior pharmacoepidemiologist within the Agency for Health Care Policy & Research and began her government career as a pharmacist, serving for 6 years in the Indian Health Service.

As a caregiver for a family member with dementia, Dr. Perfetto is active on behalf of patients with head trauma-related dementias and their caregivers. In May of 2007, she was awarded the Advocacy Leadership Award by the New York City Chapter of the Alzheimer's Association.

She also serves on the board of directors for the Sports Legacy Institute, a not-for-profit organization dedicated to research and education on sports-related brain injury.

KIMBERLY S. PLAKE

Dr. Kimberly S. Plake is an Assistant Professor of Pharmacy Practice at Purdue University School of Pharmacy and Pharmaceutical Sciences. Dr. Plake obtained her B.S. in Pharmacy in 1992 from Butler University in Indianapolis, IN and her Ph.D. in Pharmacy Administration in 1999 from Purdue University in West Lafayette, IN.

Her first position was at Drake University from 1999-2003, where she taught professional pharmacy level courses focused on program evaluation, research design and statistics, and psychosocial aspects of chronic illness. In 2003, she returned to Purdue. Dr. Plake has a background in community pharmacy which is reflected in her teaching and research.

These interests predominantly focus on patient management issues, including medication safety, health behavior theory, medication adherence, health literacy, and cultural issues in health care. She currently is involved in projects in each of these areas, as well as in the evaluation of the instructional methods she uses to teach these topics to her students.

Her honors and awards include an honorable mention for her Innovation in Teaching portfolio from the American Association of Colleges of Pharmacy.

KAREN RASCATI

Karen L. Rascati, RPh, PhD, is the Eckerd/Turley Centennial Endowed Professor of Pharmacy Administration and a faculty member of the Center for Pharmacoeconomic Studies at the University of Texas (UT) College of Pharmacy. She received her Pharmacy degree from the University of Florida and worked as a pharmacist in both community and hospital settings.

She returned to the University of Florida and received her PhD degree in Pharmacy Administration, with a concentration in health care policy and economics. Upon graduation, she joined the University of Texas, where she has won the Texas Excellence Teaching Award and serves as advisor to the UT chapter of the Rho Chi National Pharmacy Honor Society and advisor to the first student International Society of

Pharmacoeconomics and Outcomes Research (ISPOR) chapter. She has supervised more than 30 MS and 18 PhD students.

Dr. Rascati has been elected to numerous offices within the American Pharmacists Association (APhA) Science Section and was recognized as a 1999 APhA Fellow (FAPhA). She has also served on various committees within the American Association of Colleges of Pharmacy (AACCP).

She is a charter member of ISPOR where she has contributed in many capacities, including serving as Chair of the Education Committee and on the Vision 2010 Task Force Committee. She served as a member of the ISPOR Board of Directors (1999-2001) and was recently selected as Treasurer (2007-2010). Dr. Rascati was also elected to a 6-year term with the National Rho Chi Honor Society (President-elect 2006-2008, President 2008-2010, Past-president 2010-2012).

Dr. Rascati's research interests include economic and outcomes evaluations for several disease states as well as for pharmacy services. She has conducted over 30 funded research projects and has served on various grant review panels (including the National Institutes of Health [NIH]). She serves as a reviewer for many research journals and is a member of the *Clinical Therapeutics* Editorial Advisory Board. She has authored or co-authored more than 80 publications (including five textbook chapters) and more than 100 national and international presentations. Her textbook, *Essentials of Pharmacoeconomics* was published in 2008, and was translated in Portuguese in 2009.

STEVEN M. RIDDLE

Steven M. Riddle, BS Pharm, BCPS, FASHP is currently the quality improvement and medication utilization pharmacist for Harborview Medical Center in Seattle (part of University of Washington Medicine System). He is also the current program director for HMC Smoke-Free, Harborview Medical

Center's tobacco cessation program. Steve is a graduate of Washington State University and has 24 years of pharmacy experience in a variety of clinical practice settings, including internal medicine, critical care, bone marrow transplant, renal transplant and a variety of ambulatory clinic environments.

Mr. Riddle is a clinical assistant professor at the University of Washington School of Pharmacy and lectures frequently on medication management systems, medication therapy management (MTM) and quality improvement. Mr. Riddle's specific professional interests are quality improvement, system engineering and prevention and wellness centered healthcare.

Mr. Riddle serves as a consultant for Qualis Health - Washington State's quality improvement organization - on disease state management and medication safety issues. He currently acts as a representative for the American College of Clinical Pharmacists on the Pharmacy Quality Alliance (PQA) where he serves as Co-Chair for the Communication and Education Workgroup.

Steve also serves ASHP on the CMS-appointed Hospital Outpatient Quality Measures Technical Expert Panel. He recently completed 3 years service as Chair for Washington State Pharmacy Association's Health Systems Academy. He is a member of ASHP, ACCP and WSPA and supports these association's goals of integrating and expanding pharmacy practice to improve patient care.

KATHLEEN SHOEMAKER

Kathleen Shoemaker has an extensive pharmacy background that includes experience in both administrative and clinical pharmacy practice and issues. For Eli Lilly, Kathleen works with national quality organizations and alliances on mutually beneficial projects. Her leadership roles with these organizations include Council Vice-Chair at NQF and Communication and Education Committee Co-Chair at PQA.

Kathleen convened the PQA/Indiana Pilot project with Purdue, IU Medical School, Regienstrief and Indiana Pharmacists Alliance. Her work with NCQA in Healthcare Disparities to develop a toolkit is award winning.

Kathleen is the internal HIT expert for her business unit and understands the overlap with quality and e health initiatives. Kathleen is an MVP at NCPDP and is on the NCPDP Strategic Planning committee. She is on the board and chairs the Education Council for Indiana Pharmacists Alliance. Kathleen was appointed by the Governor to the state's Therapeutic Committee as one of two pharmacists to develop and oversee the Medicaid PDL list. She continues to work with several state and national pharmacy associations in leadership roles.

Past experiences include; pharmacy and therapeutics committee management, monograph development, AMCP dossier training and application to best identify the value proposition of new drug technology compared to existing therapies, rebate contract negotiation and modeling to evaluate the cost component of value, pharmacy benefit and medical benefit design and implementation, and communication strategy design and implementation including physician, patient, and other stakeholders.

This includes hands on experience in physician profiling and the development and implementation of a physician detailing (and incentive) program.

Kathleen is especially proud of the ICAREs state/CDC antibiotic resistance program she developed and implemented her work in Multicultural Healthcare and her work with pharmacy students. She currently precepts a strategic marketing rotation for Pharm D, MBA candidates at Lilly. Kathleen has published and presented in state and national venues on numerous managed care issues.

KENT SUMMERS

Dr. Summers holds the position, Senior Director, Health Outcomes and Pharmacoeconomics at Endo Pharmaceuticals, Inc. In this position, he develops the health outcomes research strategy for all marketed and soon-to-be marketed products. Previously, Professor Summers was an Associate Professor at the Purdue University School of Pharmacy.

In addition, he held a joint appointment as the Director of Research and Practice Improvement with the Pharmacy Quality Alliance. His research focus is pharmaceutical outcomes research, involving the measurement and evaluation of the costs and quality of pharmaceutical products and pharmacy services, to permit a better understanding of their value.

Immediately prior to joining Purdue University, Dr. Summers was employed for seven years at Eli Lilly and Company as a Senior Research Scientist in Outcomes Research. He joined Lilly from Prudential Health Care, where he was Vice President - Clinical Programs and Pharmacoeconomic Research.

In this position, he was responsible for all clinical programs in Prudential's pharmacy benefits management organization, including maintenance of the Prudential national formulary, Pharmacy & Therapeutics Committee national meetings, drug information services, pharmaceutical industry rebates and contract administration, drug utilization evaluation, disease state management programs and pharmacoeconomic research.

Dr. Summers has authored 6 book chapters, co-edited 2 books and published 45 papers in peer-reviewed scientific journals, as well as over 50 editorials, book reviews, continuing education monographs and articles in trade publications.

He has given over 125 presentations to domestic and international scientific and trade audiences. Dr. Summers serves on the Editorial Review Boards of the *Journal of Managed Care Pharmacy*, *Research in Social & Administrative Pharmacy* and *Expert Review of Pharmacoeconomics & Outcomes Research*. He is active in the International Society of Pharmacoeconomics and Outcomes Research, serving as a member of the Board of Directors (2000-2002) and Chair of the Awards Committee (1998-2000), as well as the Academy of Managed Care Pharmacy.

BRAD TICE

Brad Tice, PharmD, PMP received his bachelor of science in pharmacy from the University of Kansas in 1994 and his doctor of pharmacy degree in 1996 and currently serves as chief clinical officer for PharmMD Solutions, LLC, a medication therapy management company in Brentwood, Tennessee. He is responsible for the integration of evidence-based medicine into PharmMD's services and the delivery of PharmMD's clinical services to patients.

Upon graduation he began work in the community chain pharmacy environment with OscoDrug as a pharmacist in the Kansas City, Kansas metro area and then as pharmacy manager in Davenport, Iowa. The focus of his career has been the implementation of enhanced patient care services in the pharmacy environment, starting with diabetes and general pharmaceutical care while at OscoDrug and then moving to Drake University as assistant professor and director of the Drake/OscoDrug Community Care Laboratory in 1998.

While at Drake University from 1998 to 2008, he progressed to associate professor and focused on the development, implementation, and evaluation of enhanced generalist pharmacist services in the areas of hyperlipidemia, hypertension, diabetes, osteoporosis, asthma, and immunizations in both the Des Moines, Iowa and Chicago, Illinois metro markets. He also started a company, RXInterventions, LLC, to develop technologies to help capture the value of pharmacist patient care services and initiated the concepts of “entrepreneurial leadership in pharmacy” leading to the development of the DELTA Rx (Drake Entrepreneurial Leadership Tools for Advancement in Pharmacy) Institute to foster entrepreneurial activities in pharmacy.

Dr. Tice has been actively involved with the Pharmacy Quality Alliance (PQA) since its inception, serving as consultant to develop the initial environmental scan of quality measures specific to the starter set of measure categories, co-chair of the medication adherence cluster group and chair of the inappropriate medications subgroup, and now serving as co-chair of the Quality Metrics Workgroup.

JEAN-VENABLE R. GOODE

Jean-Venable R. Goode, PharmD, BCPS, FAPhA, FCCP is an Associate Professor, Department of Pharmacy, School of Pharmacy, Virginia Commonwealth University (VCU). She is the Director of the VCU Community Pharmacy Practice Program and Community Pharmacy Residency Program.

She worked for 10 years with Ukrop’s Pharmacy to develop enhanced patient care programs.

Currently, Ukrop's provides patient care programs in the areas of medication therapy management, wellness, immunization, pre-travel health, diabetes, osteoporosis, and smoking cessation. Dr. Goode is a Board Certified Pharmacotherapy Specialist. She has authored a number of abstracts, journal articles, and given presentations on a wide variety of topics.

Dr Goode is an APhA Trustee, a NACDS representative to the Pharmacy Services Technical Advisory Coalition, member of the PQA Research Coordinating Council, and Co-Chair of the PQA Cluster Group for Prevention and Wellness. Dr. Goode has received several awards including the 1997 VSHP Practice Innovation Award, 2003 VCU School of Pharmacy Teaching Excellence Award, 2003 APhA Fellow, 2004 APhA-APPM Clinical/Pharmacotherapeutic Distinguished Achievement Award, 2005 VCU Distinguished Service Award, 2007 ACCP Fellow, and 2008 APhA Community Pharmacy Residency Program Excellence in Precepting Award. Dr. Goode received her BS in Agricultural Economics from Virginia Tech and BS in Pharmacy and Doctor of Pharmacy from VCU. Dr. Goode is a member of VPhA, APhA, AACP, ACCP, Phi Lambda Sigma, Rho Chi and Kappa Epsilon.

TERR L. WARHOLAK

Terri L. Warholak, PhD, is an Assistant Professor Department of Pharmacy Practice and Science the University of Arizona, College of Pharmacy, Tucson and serves as an investigator within the Center for Health Outcomes and PharmacoEconomic Research.

She received her B.S., M.S., and Ph.D. from Purdue University. From 1990 to 1997, Dr. Warholak served as a Commissioned Officer in the United States Public Health Service where her clinical pharmacy experience spans from inpatient to community practice and included 5 years in the Indian Health Service and an assignment at the Food and Drug Administration (FDA).

From 2001 to 2005, Dr. Warholak served on the faculty at Midwestern University Chicago College of Pharmacy where she was recognized in 2003 as winner of the American Association of Colleges of Pharmacy Council of Faculties Innovations in Teaching Competition for her work titled “Application of Quality Assurance Principles: Reducing Medication Errors in 30 Pharmacy Practice Settings.” The Pharmacy Quality Alliance recently awarded Dr. Warholak and colleagues a grant to develop a national educational program for student pharmacists and pharmacists focused on quality measurement and improvement.

Dr. Warholak’s teaching and research interests include medication error reduction and bringing pharmaceutical care to underserved populations. As such, she has substantial experience collaborating with pharmacists. She has participated in studies evaluating the quality of patient care, techniques for reducing medication errors, and served as Lead Researcher on the AHRQ funded project entitled “Maximizing the Effectiveness of e-Prescribing between Physicians and Community Pharmacies.” Dr. Warholak has published over 25 papers, abstracts, and book chapters and has been invited to present on medication error reduction on the local, state, and national levels.

Dr. Warholak is involved in electronic prescribing (e-prescribing) and health information technology projects on the state and national levels including the Arizona Medicaid Transformation Grant: Health Information Exchange and Health Record (HIeHR) Project and the EAzRx E-Prescribing Initiative for Arizona Health-e Connection. Dr. Warholak has served as co-chair of the Arizona Partnership for Implementing Patient Safety (APIPS) Electronic Prescribing Promotion and Implementation Committee.

C. EDWIN WEBB

C. Edwin Webb, Pharm.D., M.P.H. is the Associate Executive Director and Director of Government and Professional Affairs for the American College of Clinical Pharmacy, the national professional and scientific society of pharmacists providing leadership in clinical pharmacy practice and research. In that capacity he is responsible for directing and managing the College's Washington, DC office, with emphasis in federal legislative and regulatory advocacy and communication, professional and inter-organizational alliance development, policy analysis, and member support services in these areas.

Dr. Webb received his Bachelor of Science (1972) and Doctor of Pharmacy (1973) degrees from the University of Tennessee College of Pharmacy. He received a Master of Public Health degree with a major in health policy and administration from the University of North Carolina at Chapel Hill in 1985. In June 1993 he completed a Primary Health Care Policy Fellowship with the Health Resources and Services Administration of the U.S. Public Health Service.

Dr. Webb has more than 20 years of national pharmacy association executive experience in the areas of policy analysis, advocacy, and professional affairs, having also served on the staffs of the American Association of Colleges of Pharmacy (1992-2000) and the American Pharmacists Association (1987-1992).

Prior to moving to Washington, he served for ten years as Director of Pharmacy Education of the Mountain Area Health Education Center in Asheville, North Carolina, holding faculty appointments in Pharmacy and Family Medicine at the University of North Carolina at Chapel Hill Schools of Pharmacy and Medicine. His clinical practice and teaching activities were in the area of critical care adult and pediatric pharmacotherapy.

KRISTINA YU-ISENBERG

Kristina Yu-Isenberg, PhD, MPH, RPh is Director, Regional Outcomes Research, Southeast Operating Unit, Novartis Pharmaceuticals. Dr. Yu-Isenberg is recognized as an expert in the area of health outcomes research, quality of care, value-based benefit design, and medication adherence. She serves as a member of the National Quality Forum (NQF) Steering Committee for Ambulatory Care Measures and the Pharmacy Quality Alliance (PQA)-Quality Measurement Expert Panel.

She and her co-investigators received the 2009 National Institute for Health Care Management Research Award for their study that revealed the potential of reducing prescription co payments to improve medication adherence.

Kristina has significant experience conducting outcomes research to document the value of pharmaceuticals to improve patient outcomes. In her role as Outcomes Research at Ortho-McNeil Janssen Scientific Affairs, she worked with key decision-makers at public and private health plans to generate and deliver patient-reported outcomes and economic data in order to inform health care decisions.

Prior to OMJSA, Kristina was Director, Brand Pharmacy Solutions at GlaxoSmithKline, where she developed and implemented compliance and point-of-sale programs in pharmacies in support of the diabetes, prostate health and osteoporosis franchises. Kristina was also Senior Manager with the Health Management Innovations team at GSK, conducting outcomes studies to address managed care issues affecting benefit design, medication adherence, disease management programs and medication access. Prior to GSK, Kristina was the Manager of Pharmacoeconomics and Health Outcomes Research in the Clinical Research division of Prescription Solutions, where she was responsible for the scientific review and oversight of methodologies related to all research studies and managed a group of nine research staff.

She has authored numerous publications, served as principal investigator on numerous research projects and presented at national and international conferences.

Dr. Yu-Isenberg received her PhD in health services research from the Johns Hopkins University School of Hygiene and Public Health; her MPH from the University of Massachusetts; and her BS in pharmacy from the University of North Carolina at Chapel Hill. She is a licensed pharmacist in North Carolina and Virginia and a recipient of the National Research Service Award Training Grant (#F31MH12135), National Institute of Mental Health.