

PURDUE UNIVERSITY SCHOOL of PHARMACY and PHARMACEUTICAL SCIENCES
Department of Pharmacy Practice
Faculty and staff, academic year 2007–2008

STEVEN R. ABEL, Pharm.D., FASHP is Assistant Dean for Clinical Programs, Bucke Professor and Head, Department of Pharmacy Practice, School of Pharmacy and Pharmaceutical Sciences, Purdue University. Dr. Abel received his B.S. (Pharmacy) and Pharm.D. degrees from Purdue University. His research focuses on the development, implementation, and evaluation of progressive pharmaceutical services in organized health-care systems. He has extensive experience in tracking the types and frequency of clinical services provided in different inpatient pharmacy practice models (centralized, decentralized, multidisciplinary patient-focused care teams). He has assessed services based upon their impact on patient care and cost. Other primary areas of interest include medication safety, inter-professional collaboration strategies to improve medication management/medication use processes, and ocular pharmacology. Dr. Abel has a history of active service in various pharmaceutical organizations including the Indiana Pharmacists Alliance, American Society of Health-System Pharmacists, American College of Clinical Pharmacists and American Association of Colleges of Pharmacy. In 1995, he was selected as a Fellow of the American Society of Health-System Pharmacists.

KWADWO AMANKWA, Pharm.D. is Clinical Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Adjunct Assistant Professor, School of Medicine, Indiana University. He also is the Cardiovascular Clinical Pharmacy Specialist for the Community Health Network in Indianapolis. He received his B.S. (Pharmacy) and Pharm.D. degrees from Albany College of Pharmacy and subsequently completed a pharmacy practice residency at Bassett Hospital in Cooperstown, NY and a fellowship in cardiovascular pharmacotherapy at Henry Ford Hospital/Wayne State University in Detroit, MI. Dr. Amankwa's teaching interests include cardiovascular and critical care therapeutics, and his research focuses on acute coronary syndromes, anticoagulants in percutaneous coronary intervention, and medication use with coronary artery bypass graft surgery.

ROBERT W. BENNETT, M.S., R.Ph. is Professor and Director of Pharmacy Continuing Education, School of Pharmacy and Pharmaceutical Sciences, Purdue University. Professor Bennett received his B.Sc. (Pharmacy) and M.S. (Pharmacy) degrees from Purdue University and completed a clinical/administrative pharmacy residency at the Indiana University Medical Center. Professor Bennett is involved statewide, nationally, and internationally in the development, implementation, and evaluation of educational programs for health professionals. He serves as the administrator for Purdue's Accreditation Council for Pharmacy Education (ACPE) and Accreditation Council for Continuing Medical Education (ACCME) providerships. In this role, he works with medical education co-sponsors throughout the nation to plan, develop, offer and evaluate a wide variety of innovative CPE and CME programming for pharmacists and physicians. Cutting edge tools are used to deliver the information to the learner. In addition, Professor Bennett has developed and implemented the International Nontraditional Doctor of Pharmacy Program centered in Dubai, United Arab Emirates and involving students throughout the Middle East. Teaching interests include meal planning and nutrition, recurrent headache syndromes, and pharmacist-patient communication skills. Research in these programs is centered on measuring the program's impact on the participant's practice.

CAROL BIRK, M.S., R.Ph. is Director, PharmaTAP, an engagement program of the Purdue School of Pharmacy and Pharmaceutical Sciences and Purdue's Technical Assistance Program (TAP). She received her B.S. (Pharmacy) from Purdue University, M.S. (Pharmacy Administration) from University of Wisconsin, and completed a two year administrative residency at the University of Wisconsin. Areas of focus include: pharmacy program management and development, contemporary strategies to improve the safety and efficiency of the medication use process, medication use accreditation and regulatory standards, leadership, mentoring and organizational design, and performance

improvement and measurement. She has extensive experience in hospital pharmacy practice and healthcare performance improvement.

BRUCE C. CARLSTEDT, Ph.D., FASHP, R.Ph. is Professor and Director, Nontraditional Doctor of Pharmacy Program, School of Pharmacy and Pharmaceutical Sciences, Purdue University and Adjunct Associate Professor, School of Medicine, Indiana University. He received his B.Sc. and Ph.D. degrees from the University of Illinois at Chicago. Dr. Carlstedt's teaching, practice, and research location is situated in Wishard Memorial Hospital at the Pharmacy Practice Office at the Indiana University Medical Center in Indianapolis. He has practiced pharmacy in the community pharmacy setting and in decentralized satellite hospital pharmacies, and his current professional practice includes provision of clinical pharmacy services to general internal medicine services. Bruce's content expertise focuses on hypertension and respiratory pharmaceutical care. Additional interests include pharmacy informatics, and he works closely with the Regenstrief Institute for the provision of drug-related information and clinical decision support for the computerized prescriber order entry system used at Wishard Health Systems in Indianapolis.

JUDY T. CHEN, Pharm.D., BCPS is Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her Pharm.D. degree from the University of Illinois at Chicago and completed a General Pharmacy Practice residency at University of California San Francisco and a Primary Care Specialty Residency at the National Institutes of Health. Dr. Chen's teaching interests are in therapeutics of chronic disease management. She has established a Pharmacotherapy Referral Service at a community health clinic and her clinical practice, teaching, and research interests focus on improving care for the underserved population.

PATRICIA L. DARBISHIRE, Pharm.D., R.Ph. is a Clinical Assistant Professor of Pharmacy Practice and the Director of the Introductory Pharmacy Practice Experience Program for the School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received a B.S. degree in Biology with a minor in Chemistry from Illinois State University and a B.S. degree in Pharmacy and Pharm. D. degree from Purdue University. She has extensive community pharmacy and disease state management experience, including certification training in immunizations, Medicare and disability training, First Responder, diabetes and pharmaceutical care certification. Her interests include community-based service-learning / project initiatives and the development of new introductory and advanced experiential learning opportunities. As a regional faculty clerkship preceptor, she developed several new clerkship rotations in the areas of hospice care, low income medication assistance programs, Medicare and academic-based rotations. Development of new curricula include laboratories on diabetes management, medication safety, healthcare provider CPR, defibrillator and first aid training.

SHARON M. ERDMAN, Pharm.D. is Clinical Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University; Adjunct Associate Professor, School of Medicine, Indiana University; and Adjunct Associate Professor, Department of Pharmacology, Stritch School of Medicine, Loyola University. She received her Pharm.D. degree from the University of Illinois at Chicago College of Pharmacy, and completed a specialized residency and fellowship in the areas of Infectious Diseases and Pharmacokinetics at the University of Illinois at Chicago College of Pharmacy. Dr. Erdman's teaching interests include infectious diseases pharmacotherapy, HIV pharmacotherapy, and pharmacokinetics. Dr. Erdman's research interests include in vitro and clinical research in the areas of infectious diseases, pharmacokinetics, and medication safety, with current projects including (1) evaluating the epidemiology, clinical course and treatment outcomes of patients with CA-MRSA infections; (2) defining vancomycin serum concentrations in patients with serious infections; (3) determining the incidence of tenofovir-induced nephrotoxicity in HIV-infected patients; (4) evaluating the response to antiretroviral therapy in HIV-infected elderly patients; and (5) evaluating the impact of a pharmacy-managed medication reconciliation program.

DAVID R. FOSTER, Pharm.D. is Assistant Professor of Pharmacy Practice, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Adjunct Assistant Professor, School of Medicine, Indiana University. He received his B.Sc. (Biology) degree from the University of Windsor, Windsor, Ontario, and B.S. (Pharmacy) and Pharm.D. degrees from Wayne State University. He completed a Postdoctoral Fellowship in Critical Care Pharmacotherapy at The University of Michigan. Dr. Foster's research is focused on the evaluation of changes in intestinal permeability in critical illness. Specifically, this research involves the investigation of natural anti-

inflammatory compounds to attenuate inflammation-related changes in intestinal permeability. A related area of research is the investigation of alterations in intestinal drug and nutrient absorption by passive and active transport mechanisms, and the molecular mediators underlying these changes in burn injury and sepsis. Other interests include the study of the contribution of active transport processes to variability in drug disposition. Dr. Foster's teaching and clinical interests are focused the provision of pharmacotherapy to critically-ill patients, with an emphasis on burn and trauma patients and gastric acid suppression.

JASMINE D. GONZALVO, Pharm.D. is Clinical Assistant Professor of Pharmacy Practice, School of Pharmacy and Pharmaceutical Sciences, Purdue University and Adjunct Assistant Professor, School of Health and Rehabilitation Sciences, Indiana University. She received her Pharm.D. degree from Butler University and completed her PGY1 and PGY2 Ambulatory Care/Education residencies at the Roudebush VA Medical Center in Indianapolis, Indiana. Her practice for Wishard Health Services involves provision of medication therapy management services for primary care community health centers. Dr. Gonzalvo's research interests relate to integration of the Spanish language into both her practice and academic settings and also safe and effective medication practices within the VA health-care system. Her teaching areas within the School of Pharmacy involve diabetes, seizures, and cultural competence. Her interdisciplinary teaching to nursing and physical therapy students relates to skeletal muscle relaxants, wound care, anticoagulant medications, and Spanish for Healthcare Professionals. She also serves as a regional faculty coordinator for the Experiential Learning Advisory Council.

KAREN S. HUDMON, Dr.P.H., M.S., R.Ph. is Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her B.S. (Pharmacy) from Ohio Northern University, M.S. (Pharmacy Care Systems) from Auburn University, and Dr.P.H. (behavioral science, epidemiology) from The University of Texas School of Public Health in Houston. She completed a postdoctoral fellowship in Cancer Prevention at The University of Texas M. D. Anderson Cancer Center. Dr. Hudmon's research involves (1) the study of predictors of smoking among adolescents and young adults; (2) the treatment of tobacco use and dependence through expansion of the clinician's role in cessation; (3) understanding genetics as they relate to tobacco use and dependence; and (4) medication compliance for chronic disease. She has co-coordinated an effort to develop, evaluate, and disseminate a comprehensive tobacco cessation training program, Rx for Change: Clinician-Assisted Tobacco Cessation, for students in the health professions. This program is being disseminated to health professional schools across the United States. Dr. Hudmon also is an Assistant Clinical Professor at the University of California San Francisco School of Pharmacy and a Research Affiliate at Yale University School of Public Health.

KELLIE L. JONES, Pharm.D., BCOP is Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her B.S. (Pharmacy) and Pharm.D. from the University of Kentucky. Dr. Jones also completed Pharmacy Practice and Oncology Specialty residencies at the University of Kentucky. Upon completion, she worked as an Oncology Clinical Specialist at The University of Texas M. D. Anderson Cancer Center in Houston, Texas. During her seven years there, her primary focus was in breast and gynecologic malignancies. In September, 2007, Dr. Jones joined the faculty at Purdue University. Her interests include supportive care therapies, pain management, patient education, and complementary and alternative medicines.

YAMAN KAAKEH, Pharm.D. is Clinical Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her Pharm.D. from Purdue University and completed a pharmacy practice residency at the University of Michigan Medical Center and College of Pharmacy. Dr. Kaakeh's clinical practice focuses primarily in the areas of internal medicine and surgery, and involves didactic and experiential education for Doctor of Pharmacy students. Her major clinical practice areas of interest include the appropriate use of cardiovascular medications, anti-infectives, and the provision of nutrition support. Other interests include medication safety as well as the development and assessment of international pharmacy programs.

DEANNA S. KANIA, Pharm.D., BCPS is Clinical Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University and Adjunct Assistant Professor, School of Health and Rehabilitation Sciences, Indiana University. Dr. Kania received her Pharm.D. from Purdue University and completed her Pharmacy Practice and Critical Care Residencies at the University of Kentucky Medical Center. In 1997, she established the PGY1 Residency

Program at the Roudebush VA Medical Center in Indianapolis, Indiana and continues to serve as the Residency Program Director. She also started the Ambulatory Care / Education PGY2 Residency Program in 2006 and serves as a Co-Director. Her teaching areas within the schools of nursing and pharmacy include diabetes, HIV management, and acid-base and she serves as a course co-coordinator for PHRM 403 Integrated Lab. Her interdisciplinary teaching to physical therapy students includes rheumatoid arthritis and endocrine disorders. Dr. Kania's clinical practice within ambulatory care is in HIV treatment, diabetes, cardiovascular therapeutics and anticoagulation management. She maintains research in each of these areas. She also serves as a regional faculty coordinator for the Experiential Learning Advisory Council.

MICHAEL B. KAYS, Pharm.D., FCCP is Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Adjunct Associate Professor, School of Medicine, Indiana University. He received his B.S.(Pharmacy) degree from St. Louis College of Pharmacy, St. Louis, MO, and his Pharm.D. degree from the College of Pharmacy, Medical University of South Carolina, Charleston, SC. He also completed a one-year residency and two-year fellowship in Infectious Diseases Pharmacotherapy at the Medical University of South Carolina. Dr. Kays' current teaching and research interests are in the area of infectious diseases pharmacotherapy. Specifically, he maintains a research program in the area of antimicrobial pharmacokinetics/pharmacodynamics, with a focus on sex-related differences between men and women, and bacterial resistance trends.

CYNTHIA P. KOH-KNOX, Pharm.D., R.Ph. is Associate Director of Pharmacy Cont Education and Clinical Associate Professor of Pharmacy Practice, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her Pharm.D. degree from Purdue University and completed an ASHP-accredited Pharmacy Practice Residency with Clarian Health Partners, Inc in Indianapolis, Indiana. Dr. Koh-Knox's teaching involvement is as co-coordinator for Integrated Lab IV, course coordinator for Introductory Pharmacology for Nursing, instructor of Dietary Supplements. She also precepts students on rotations in Academia, Wound Care Clinic, Drug Courts, PU Student Health Center Clinics, and Women's Health. Her research interests are in implementation of Continuing Professional Development by pharmacists, job satisfaction related to working with students, and depth of reflection writing by students.

JANE E. KRAUSE, M.S., R.Ph. is Clinical Associate Professor of Pharmacy Practice, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her B.S. (Pharmacy) and M.S. (Pharmacy Practice) from Purdue University School of Pharmacy and Pharmaceutical Sciences. Prof. Krause's teaching interests include pre-pharmacy orientation topics, pharmaceutical calculations, extemporaneous compounding, interactive patient counseling, and chemical dependencies/addictions. She coordinates and teaches Pharmacy Orientation, Pharmaceutical Calculations, and eight laboratories within the Integrated Laboratory I and Integrated Laboratory II sequence. In addition, she co-coordinates an elective course, Drug Abuse/Addiction Education which includes drug prevention community service initiatives and serves as a preceptor for a four-week academia/education advanced practice clerkship rotation. Professor Krause currently serves as a member of the Education Council for the Indiana Pharmacists Alliance and is a Board Member of the Purdue Pharmacy Alumni Association.

HOLLY L. MASON, Ph.D., R.Ph. is Professor of Pharmacy Administration and Associate Dean for Academic Programs, School of Pharmacy and Pharmaceutical Sciences, Purdue University. He received his B.S. (Pharmacy), M.S. (Pharmacy Administration) and Ph.D. (Pharmacy Administration) from the University of Wisconsin-Madison. Dr. Mason's research focuses on the application of the social, behavioral, and administrative sciences to problems in pharmacy practice and education. His three general areas of research are career path research, which includes investigations of job satisfaction, pharmacist practice patterns and professional commitment; student outcome assessment, which focuses on methodologies to assess performance-based student outcomes; and patient-oriented pharmacy services, which involves studies of patient counseling, consumer use of pharmacy services, and the evaluation of pharmacist-delivered services.

JENNIFER McCOMB, Pharm.D. is Adjunct Assistant Professor of Pharmacy Practice, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She is also the Transplant Clinical Pharmacist for the heart and kidney transplant programs at Lutheran Hospital in Fort Wayne, IN. She received her Pharm.D. from Purdue University and

completed a Pharmacy Practice Residency at the Indiana University Medical Center. Dr. McComb's clinical practice interests are in the areas of transplantation and medication safety. She also is a member of the Experiential Learning Advisory Council and serves as the Regional Faculty Coordinator for Doctor of Pharmacy students in the Fort Wayne area.

JENNIFER L. MORRIS, Pharm.D., BCPS is Clinical Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Adjunct Assistant Professor, School of Medicine, Indiana University. She received her Pharm.D. from the University of Kentucky. She completed pharmacy practice and pediatric specialty residencies as well as fellowship in pediatric clinical research at the University of Illinois at Chicago. Dr. Morris currently practices in the pediatric intensive care unit at Riley Hospital for Children where she is a preceptor for Pharm.D. experiential students and Wishard Health Services/Purdue and Clarian Health Partners pharmacy residents. Her teaching interests include pediatric pharmacotherapy and pediatric pharmaceutical care.

MATTHEW M. MURAWSKI, R.Ph. Ph.D. is Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. He received his B.S. (Pharmacy) from The Philadelphia College of Pharmacy & Science, and the Ph.D. (Pharmacy Administration) from The Medical College of Virginia/Virginia Commonwealth University School of Pharmacy. His research interests center around methods for evaluating functional health status (Health Related Quality of Life) in assessments of pharmaceutical products and services, Patient Reported Outcomes in general, and the economic impact of health care policy.

CHRISTIANE L. NASH, Pharm.D., CDE is Assistant professor and Associate Director of Experiential Learning, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her Pharm.D. degree from Purdue University and completed a pharmacy practice residency at the Purdue University/Austin Community Pharmacy in Austin, IN. Dr. Nash's clinical practice site is located in Mathes Pharmacy, new Albany, IN and primarily involves diabetes care. She is currently the director for two pharmacy practice residency positions (cardiovascular health, diabetes care) and is involved with all aspects of the experiential training program, including orientation of new students and preceptors to the program, identification, development, and monitoring of focused advanced practice clerkship sites in concentrated areas across the state, preceptor evaluation, and student clerkship assignments.

GAIL D. NEWTON, Ph.D., R.Ph. is Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her B.S. (Pharmacy), M.S. (Pharmacy Practice), and Ph.D. (Pharmacy Practice) from Purdue University. Dr. Newton's research focuses on the development, implementation, and evaluation of innovative instructional and assessment methods in pharmacy education. Specifically, she is examining the influence of alternative instructional methods on the ability of students to transfer problem-solving skills from the classroom setting into pharmacy practice. Dr. Newton also is active in the area of curricular change and serves as a consultant to the American Association of Pharmaceutical Education's Center for the Advancement of Pharmaceutical Education. In that capacity, she has assisted in the development of a comprehensive set of educational outcomes for entry-level doctor of pharmacy curricula. At present, she is involved in the review and revision of these outcomes to ensure their currency and utility as guides to colleges and schools that are undergoing curricular revisions.

CAROL A. OTT, Pharm.D., BCPP is Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. She received her B.S. (Pharmacy) and Pharm.D. degrees from Purdue University. Dr. Ott's clinical practice site is located at Midtown Community Mental Health, Wishard Health Services in Indianapolis, where she provides (1) clinical pharmacy services to the inpatient psychiatry services and psychiatric emergency department, and (2) case consultation to outpatient clinics. Her research and practice interests focus on metabolic issues related to the use of the atypical antipsychotics, adherence to antipsychotics in bipolar disorder and schizophrenia, pharmacist-run medication management groups in an outpatient thought-disordered population, the PGY2 psychiatric pharmacy specialty residency. Dr. Ott also serves on the Mental Health Quality Advisory Committee for Medicaid.

BRIAN R. OVERHOLSER, Pharm.D., is Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Adjunct Assistant Professor, School of Medicine, Indiana University. He received his Pharm.D. degree from Purdue University and completed a Fellowship in Pharmacokinetics and Pharmacodynamics.

Dr. Overholser's research interests are in the pharmacokinetics and pharmacodynamics of cardiotoxic drugs. The overall goal is to enhance the understanding of physiological mechanisms and pharmacological factors influencing disposition and response variability to cardiovascular agents.

SONAK D. PASTAKIA, Pharm.D., M.P.H., BCPS is Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, Adjunct Assistant Professor of Medicine, Indiana University School of Medicine, and Visiting Lecturer, Moi University School of Medicine. He received his Pharm.D. from the Temple University School of Pharmacy and completed his General Pharmacy Practice and HIV/Infectious Diseases Residency at the University of North Carolina Hospitals at Chapel Hill. He has also received his masters in public health from the Harvard University School of Public Health. Dr. Pastakia's teaching, practice, and research location is situated at the Moi Teaching and Referral Hospital and the AMPATH Center in Eldoret, Kenya. Dr. Pastakia's teaching interests are in Pharmacology, HIV, Infectious Diseases and Public Health. His research interests revolve around International Health, Quality Improvement, Chronic Disease State Management, Informatics, and Medication Adherence. Current projects include the creation of an enhanced care diabetes clinic, researching strategies to improve HIV medication adherence, investigating low cost quality improvement strategies in the inpatient setting, and the application of Clinical Pharmacy services in resource constrained settings.

KIMBERLY S. PLAKE, Ph.D., R.Ph. is 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. 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 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.

ELLEN SCHELLHASE, Pharm.D. is Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University and Adjunct Assistant Professor, School of Health and Rehabilitation Sciences, Indiana University. She received her B.S. (Pharmacy) and Pharm.D. degrees from Purdue University, and completed a Pharmacy Practice Residency at Roudebush Veterans Affairs Medical Center in Indianapolis, Indiana. Her teaching interests include venous thromboembolism, rheumatoid arthritis, and pharmacology for physical therapists. She is the coordinator for the Purdue Pharmacy Kenya Program. Her research relates to pharmacy practice and pharmaceutical care in Kenya.

CHRISTOPHER M. SCOTT, Pharm.D., BCPS is Clinical Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Adjunct Assistant Professor, School of Medicine, Indiana University. He received his B.S. (Pharmacy) and Pharm.D. degrees from Purdue University and completed a PGY1 and PGY2 - Critical Care / Infectious Diseases Residency at Clarian Health, Indianapolis, IN. Dr. Scott's teaching interests are nutrition support (TPN/enteral nutrition and fluid and electrolytes), clinical toxicology, and he co-coordinates the critical care elective. His practice site is Wishard Health Services where he is the Clinical Specialist for Trauma/Surgical Critical Care and Burn. He also serves as the Pharmacy Manager, Clinical Services and the Residency Program Director for the PGY1 and PGY2 - Critical Care programs. Dr. Scott's research interests are related to the pharmacist role in the ICU and practice based research in the critically ill.

STEVEN A. SCOTT, Pharm.D. is Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Associate Head, Department of Pharmacy Practice. He received his B.S. (Pharmacy) and Pharm.D. degrees from Purdue University and completed an ASHP-accredited pharmacy residency at St. Lawrence Hospital in Lansing, Michigan. Dr. Scott's teaching interests are geriatric, dermatologic, neurologic, and men's health therapeutics and the application of pharmaceutical care. His research interests involve the areas of teaching methodologies and assessment.

AMY HECK SHEEHAN, Pharm.D. is Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Drug Information Specialist at Clarian Health Partners. She received her B.S. (Pharmacy) and Pharm.D. degrees from the University of Cincinnati, and completed a Specialized Residency in Drug Information Practice and Pharmacotherapy at the National Institutes of Health in Bethesda, Maryland. Dr. Sheehan's practice site is the Clarian Health Partner's Drug Information Service located at Methodist Hospital in Indianapolis, where she is directly involved with the provision of comprehensive drug information services for Indiana University Hospital, Riley Children's Hospital, and Methodist Hospital. She is Residency Program Director for the Purdue University/Clarian Health PGY2 Drug Information Residency and Co-Coordinator for the Purdue University/Eli Lilly and Company Drug Information Residency. She also coordinates the Indiana Pharmacy Resident Teaching Certificate (IPTeC) Program. Dr. Sheehan's teaching interests include literature evaluation and obesity management.

BRIAN M. SHEPLER, Pharm.D. is Clinical Assistant Professor and Director, Office of Experiential Learning, School of Pharmacy and Pharmaceutical Sciences, Purdue University. He received his B.S. (Pharmacy) and Pharm.D. degrees from Purdue University. Dr. Shepler is involved with all aspects of the experiential training program, including orientation of new students and preceptors to the program, identification, development, and monitoring of advanced practice clerkship sites in concentrated areas across the state, preceptor evaluation, and student clerkship assignments. He also chairs the Experiential Learning Advisory Council which is comprised of Regional Faculty Coordinators from all over the state. Dr. Shepler is a preceptor for a nephrology APPE at the Arnett Nephrology clinic and serves as a Regional Faculty Coordinator for some Lafayette area rotations and all out-of state rotations. He is interested in developing new and innovative ways to train preceptors and document students' interventions and contributions to practice sites.

KEVIN M. SOWINSKI, Pharm.D., FCCP, BCPS is Associate Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Adjunct Associate Professor, School of Medicine, Indiana University. He received his B.S. (Pharmacy) and Pharm.D. degrees from the University at Buffalo, SUNY and completed a Fellowship in Pharmacokinetics and Pharmacodynamics at The University of Tennessee, College of Pharmacy. Dr. Sowinski's teaching interests are cardiovascular therapeutics and pharmaceutical statistics. He maintains a research program in the area of pharmacokinetics and pharmacodynamics. Specifically he is interested in sex-related differences in drug pharmacokinetics and response, impact of renal replacement therapy and renal disease on drug pharmacokinetics and response, and pharmacometrics.

KENT H. SUMMERS, R.Ph., Ph.D. is Associate Professor, Purdue University School of Pharmacy. Dr. Summers' research interests include pharmacoconomics, observational research, interpretation of quality of life and clinical trial results for drug policy decisions, clinical practice guidelines and healthcare services delivery efficiency studies. Immediately prior to joining Purdue, he was employed for seven years at Eli Lilly and Company as a Senior Research Scientist in Outcomes Research. Dr. Summers joined Lilly from Prudential Health Care, where he was Vice President for Clinical Programs and Pharmaco-economic 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, drug information services, pharmaceutical industry rebates and contract administration, drug utilization evaluation, disease state management programs and pharmaco-economic research.

JOSEPH THOMAS III, M.S., Ph.D., FAPhA is Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. Dr. Thomas' research interests are health outcomes research, cost of treatment analysis, and pharmaceutical marketing. His research focuses on evaluation of variations in prescribing patterns and associations with health outcomes, consumer evaluations of and satisfaction with pharmaceutical services, and decision processes of organizational and individual purchase of pharmaceuticals. He also conducts research directed toward identification, application, and evaluation of strategies, particularly information dissemination for improving health services utilization and health outcomes.

JAMES E. TISDALE, BSc.Pharm., Pharm.D. is Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University, and Adjunct Associate Professor, School of Medicine, Indiana University. He received his B.Sc.Pharm. from the University of Manitoba in Winnipeg, Manitoba, Canada, and his Pharm.D. from the State University of New York at Buffalo. He completed a post-B.Sc. residency in pharmacy practice at the University of Manitoba Health Sciences Centre in Winnipeg, and a postdoctoral fellowship in cardiovascular therapeutics at Hartford Hospital and the University of Connecticut. Dr. Tisdale's research interests are in the area of (1) cardiovascular pharmacotherapy, focusing on mechanisms, risk factors, and management of drug-induced arrhythmias, (2) prevention and treatment of atrial fibrillation, and (3) pharmacokinetics and pharmacodynamics of cardiovascular drugs in specific populations, particularly patients with heart failure.

G. THOMAS WILSON, B.S. Pharm., J.D. is Associate Professor of Pharmacy Practice and Law, School of Pharmacy and Pharmaceutical Sciences, Purdue University. Professor Wilson received his B.S. (Pharmacy) from Purdue University and his Juris Doctor degree from Indiana University School of Law, Indianapolis. He is licensed in Indiana as a pharmacist and attorney and teaches undergraduate pharmacy law and a seminar in ethics. Professor Wilson also developed and teaches two graduate-level courses in pharmaceutical regulatory science, including both case-based study and examination of federal statutes and regulations. His primary focus is in statutory and regulatory clarity and consistency.

ALAN J. ZILLICH, Pharm.D. is Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Purdue University. He also holds appointments as Affiliate Research Scientist at the VA Center for Excellence in Implementing Evidence-Based Practices and the Indiana University Center for Health Services and Outcomes Research. He earned a bachelor of science in pharmacy and doctor of pharmacy degree from Purdue University. He also completed 2 years of clinical pharmacy residency training with an emphasis in primary care at the University of Kentucky and a two-year outcomes/health services research fellowship at the University of Iowa. Dr. Zillich's research interests involve (1) the roles of professional collaborative relationships between pharmacists and other health care providers; and (2) the effectiveness of pharmacy-based services on improved medication prescribing, patient safety, and patient health outcomes.