



2019 SPRING CLINICAL

FEBRUARY 22-24, 2019
PHOENIX

Four Points by Sheraton

10831 South 51st Street | Phoenix, AZ, 85044

PROGRAM



®The Arizona Pharmacy Association is accredited by the Accreditation Council for Pharmacy Education as providers of continuing education. For full program details see the digital program or the AzPA website.

SCHEDULE AT A GLANCE

SATURDAY: FEBRUARY 23, 2019

6:30AM – 5:00PM | REGISTRATION

Hotel Lobby

7:00AM – 7:45AM | CONTINENTAL BREAKFAST & NETWORKING

Ironwood/ Rosewood

8:00AM – 9:30AM | GENERAL SESSION I:

ASHP: A National Perspective on Current Issues in Ambulatory Pharmacy

Melanie Smith, PharmD, BCACP, DPLA– ASHP, Director of Ambulatory Care Practitioners

Az-ASHP Delegates: Carol Rollins, PharmD, MS, BCNSP, FASHP, FASEPN, FAzPA; Mindy Burnworth, PharmD, BCPS, FASHP, FAzPA; Christi Jen, PharmD, BCPS, FAzPA; Renee Tyree, PharmD, MHA

Mesquite/ Palm

9:45AM-11:00AM | GENERAL SESSION II:

The Enigmatic Problem of Protracted Withdrawal from Benzodiazepines: What Pharmacists Need to Know

Robert Raffa, PhD; Joseph Pergolizzi, MD; Steven Wright, MD

Mesquite/ Palm

11:15AM-12:15PM | BREAKOUT SESSION 1:

Hot Topics in Antimicrobial Stewardship

Juan Villanueva, PharmD, BCPS

Mesquite/ Palm

11:15AM-12:15PM | BREAKOUT SESSION 2:

Risk of Medication Errors Associated with Drug Shortages

Carol Rollins, PharmD, MS, BCNSP, FASEPN, FASHP, FAzPA

Sage

12:15PM –1:15 PM | LUNCH: Product Theater

Presentation by AbbVie

Mesquite/ Palm

1:30PM – 2:30PM | GENERAL SESSION III:

Az Opioid Law Update

Mark Boesen, PharmD, JD; Kelly Fine, RPh, FAzPA

Mesquite/ Palm

2:45PM – 4:15PM | BREAKOUT SESSION 3:

To Breathe or Not to Breathe?

Nicholas Ladziak, PharmD; Beth Zerr, PharmD, BCACP, AE-C

Mesquite/ Palm

2:45PM – 4:15PM | BREAKOUT SESSION 4:

Overview of Pharmacogenomics in Diabetes (pharmacist only)

Adrijana Kekic, PharmD, BCACP

Sage

4:30PM – 5:30PM | BREAKOUT SESSION 5:

Need More Salt: Managing the Syndrome of Inappropriate Antidiuretic Hormone

Grace Lin, PharmD, PGY2

Mesquite/ Palm

4:30PM – 5:30PM | BREAKOUT SESSION 6:

The Syphilis Update

Kerry-Ann Fuller, PharmD, BCACP; Molly Larson-Wakeman, PharmD

Sage

SCHEDULE AT A GLANCE

SUNDAY: FEBRUARY 24, 2019

6:30AM –11:30 AM | REGISTRATION

Hotel Lobby

7:00AM – 8:00AM | BREAKFAST & NETWORKING

Ironwood/ Rosewood

8:00AM – 9:30 AM | GENERAL SESSION IV:

Pharmacy Law Update

Mark Boesen, PharmD, JD; Christopher Dang, JD

Mesquite/ Palm

9:45AM -10:45 AM | GENERAL SESSION V

New Cholesterol Guidelines: What You Need to Know

Virginia Boomershine, PharmD, MEd, BCACP, CDE, FAzPA; Zachary Brock, PharmD, PGY2

Mesquite/ Palm

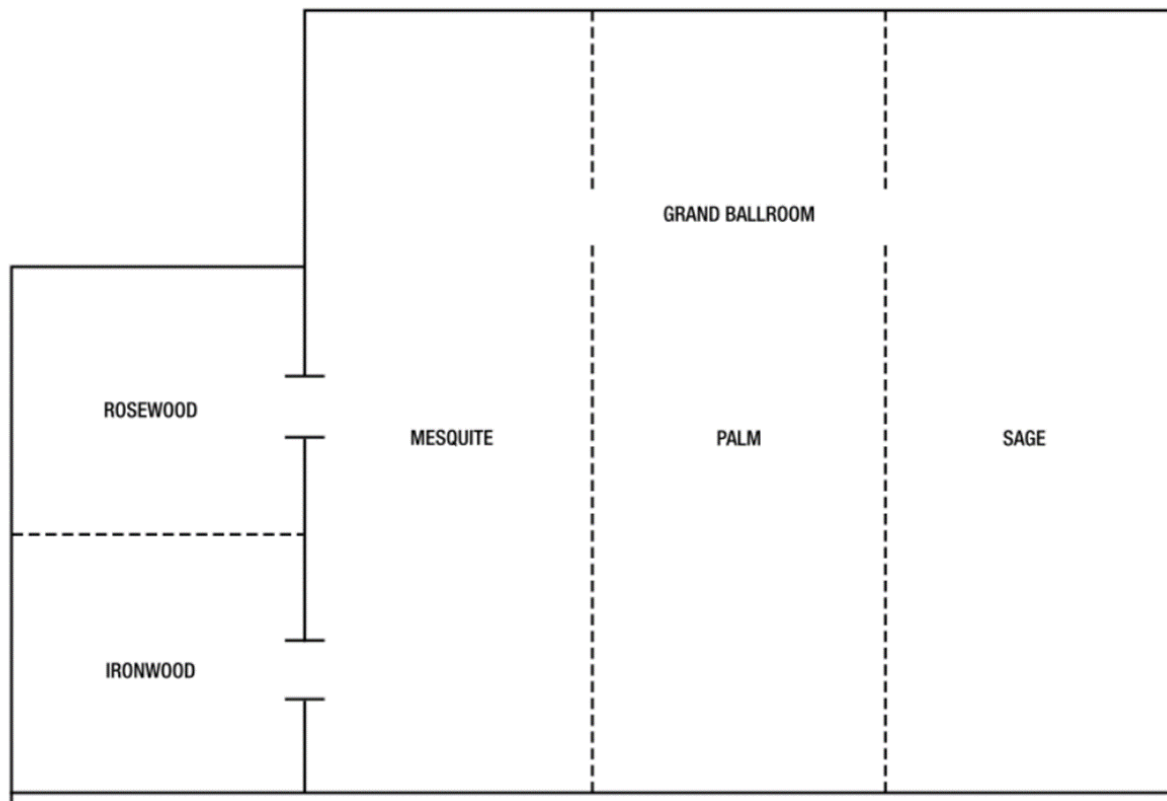
11:00AM–12:30PM | GENERAL SESSION VI:

New Drug Update

Robert J. Lipsy, PharmD, BCPS, BCACP, FASHP, FAzPA

Mesquite/ Palm

MEETING ROOMS



SATURDAY, FEBRUARY 23, 2019

8:00AM-9:30AM | GENERAL SESSION I

MESQUITE/ PALM

A National Perspective on Current Issues in Ambulatory Pharmacy: Panel Discussion with Az-ASHP Delegates

Melanie Smith, PharmD, BCACP, DPLA-ASHP Representative; Christi Jen, PharmD, BCPS, FAzPA; Carol Rollins, PharmD, BCNSP, FASHP, FAzPA, FASEPN; Mindy Burnworth, PharmD, BCPS, FASHP, FAzPA; Renee Tyree, PharmD, BCPS, MHA

Learning Objectives:

- Identify the role of the pharmacist in ambulatory care practice
- Examine various ambulatory care practice models
- Evaluate current ambulatory care practice issues
- Discuss ASHP's ambulatory care initiatives

ACPE UAN#: 0100-0000-19-004-L03-P/T

9:45AM-11:00AM | GENERAL SESSION II

MESQUITE/ PALM

The Enigmatic Problem of Protracted Withdrawal from Benzodiazepines: What Pharmacists Need to Know

Robert Raffa, PhD; Joseph Pergolizzi, MD; Steven Wright, MD

Pharmacist Learning Objectives:

- Counsel patients and prescribers on the existence of protracted BZD withdrawal symptoms
- Correlate patients' reports with possible BZD AEs or withdrawal symptoms
- Advise on best practices for BZD tapering
- Describe evolving basic science research into protracted withdrawal
- Advocate for better BZD labeling

Pharmacy Technician Learning Objectives:

- Describe protracted benzodiazepine withdrawal symptoms
- Recognize best practices for benzodiazepine tapering
- Describe basic science research concerning protracted benzodiazepine withdrawal

ACPE UAN#: 0100-0000-18-058-L01-P/T

11:15AM-12:15PM | BREAKOUT SESSION 1

MESQUITE/ PALM

Hot Topics in Antimicrobial Stewardship

Juan Villanueva, PharmD, BCPS

Pharmacist Learning Objectives:

- Describe current trends in antibiotic resistance and implications on public health
- Identify strategies to implement evidence-based practices for antimicrobial stewardship
- Recognize appropriate antibiotic management methods to improve quality of care

Pharmacy Technician Learning Objectives:

- Recognize current trends in antibiotic resistance and implications on public health
- List benefits of antimicrobial stewardship across healthcare settings

ACPE UAN#: 0100-0000-18-059-L01-P/T

SATURDAY, FEBRUARY 23, 2019

11:15AM-12:15PM | BREAKOUT SESSION 2

SAGE

Risk of Medication Errors Associated with Drug Shortages

Carol Rollins, PharmD, MS, BCNSP, FASEPN, FASHP, FAzPA

Learning Objectives:

- Describe present and historical drug shortages and the difference between data from the FDA and ASHP.org
- Discuss factors contributing to risk of error when attempting to conserve an injectable product in short supply
- Determine potential risks associated with changing from your usual product to an alternative product during a drug shortage

ACPE UAN#: 0100-0000-18-060-L05-P/T

1:30PM-2:30PM | GENERAL SESSION III

MESQUITE/ PALM

Arizona Opioid Law Update

Mark Boesen, PharmD, JD; Kelly Fine, RPh, FAzPA

Learning Objectives:

- Describe recent changes to Arizona Opioid laws
- Identify unintended consequences to the laws and opportunities

ACPE UAN#: 0100-0000-19-006-L03-P/T

2:45PM-4:15PM | BREAKOUT SESSION 3

MESQUITE/ PALM

To Breathe or Not to Breathe?

Nicholas Ladziak, PharmD; Beth Zerr, PharmD, BCACP, AE-C

Pharmacist Learning Objectives:

- Identify different inhaler devices and available drug combinations
- Counsel patients on proper administration for prescribed inhalers
- Anticipate and resolve administration issues based on device and patient characteristics

Pharmacy Technician Learning Objectives:

- Identify different inhaler devices and available drug combinations
- Describe proper administration for prescribed inhalers
- Recognize administration issues based on device and patient characteristics

ACPE UAN#: 0100-0000-18-061-L01-P/T

SATURDAY, FEBRUARY 23, 2019

2:45PM-4:15PM | BREAKOUT SESSION 4 (Pharmacists Only)

SAGE

Overview of Pharmacogenomics in Diabetes

Adrijana Kekic, PharmD, BCACP

Pharmacist Learning Objectives:

- Recognize genetic influence in the development of diabetes
- Differentiate the role of PGx in treatment selection, efficacy and safety
- Integrate PGx knowledge in clinical case

ACPE UAN#: 0100-0000-19-003-L01-P

4:30PM-5:30PM | BREAKOUT SESSION 5

MESQUITE/ PALM

Need More Salt: Managing the Syndrome of Inappropriate Antidiuretic Hormone

Grace Lin, PharmD

Pharmacist Learning Objectives:

- Describe the pathophysiology of the syndrome of inappropriate antidiuretic hormone secretion
- Identify medications that can precipitate the syndrome of inappropriate antidiuretic hormone secretion
- Recommend potential treatment options for the syndrome of inappropriate antidiuretic hormone based on current guidelines and literatures

Pharmacy Technician Learning Objectives:

- Describe the pathophysiology of the syndrome of inappropriate antidiuretic hormone secretion
- Identify medications used in the syndrome of inappropriate antidiuretic hormone secretion
- Recognize best practices for the syndrome of inappropriate antidiuretic hormone secretion

ACPE UAN#: 0100-0000-18-062-L01-P/T

4:30PM-5:30PM | BREAKOUT SESSION 6

SAGE

The Syphilis Update

Kerry-Ann Fuller, PharmD, BCACP; Molly Larson-Wakeman, PharmD, PGY-1

Pharmacist Learning Objectives:

- Discuss the changing prevalence and epidemiology of syphilis
- Describe transmission methods of syphilis
- Create syphilis treatment and follow-up plan

Pharmacy Technician Learning Objectives:

- Discuss the changing prevalence and epidemiology of syphilis
- Describe transmission methods of syphilis
- Recognize treatment options for syphilis

ACPE UAN#: 0100-0000-18-063-L01-P/T

SUNDAY, FEBRUARY 24, 2019

8:00AM-9:30AM | GENERAL SESSION IV

MESQUITE/ PALM

Pharmacy Law Update 2019

Christopher Dang, JD; Mark Boesen, PharmD, JD

Learning Objectives:

- Identify major developments in U.S. Pharmacy law and related fields
- Describe the practical ramifications of proposed state and national legislative initiatives
- Recognize emerging patterns that will broadly affect the healthcare profession and pharmacy practice

ACPE UAN#: 0100-0000-18-064-L03-P/T

9:45AM-10:45AM | GENERAL SESSION V

MESQUITE/ PALM

New Cholesterol Guidelines: What You Need to Know

Virginia Boomersshine, PharmD, BCACP, CDE, FAzPA; Zachary Brock, PharmD, PGY2

Pharmacist Learning Objectives:

- Compare cholesterol treatment guidelines
- Apply cholesterol treatment guidelines to the care of individual patients

Pharmacy Technician Learning Objectives:

- Review new cholesterol treatment guidelines
- Recognize current cholesterol treatment for patients

ACPE UAN#: 0100-0000-18-065-L01-P/T

11:00AM-12:30PM | GENERAL SESSION VI

MESQUITE/ PALM

2019 New Drug Update

Robert J. Lipsy, PharmD, BCPS, BCACP, FASHP, FAzPA

Pharmacist Learning Objectives:

- Recommend appropriate drugs and biologics for the treatment of unique patients
- Compare and contrast new therapies with existing standards of care
- Recognize common adverse reactions for new therapeutic entities

Pharmacy Technician Learning Objectives:

- Assist pharmacists in preparing drugs for intravenous administration
- Assist pharmacist in the appropriate storage of medicines
- Alert pharmacist to potential ADRs for evaluation

ACPE UAN#: 0100-0000-18-066-L04-P/T

Mark Boesen, PharmD, JD



Mark Boesen received his Doctor of Pharmacy degree from The University of Arizona, College of Pharmacy, Tucson, AZ, and received his Juris Doctor degree from Arizona Summit Law School (formerly, Phoenix School of Law). Dr. Boesen's current practice is with Boesen & Snow LLC.

Virginia Boomershine, PharmD, MEd, BCACP, CDE, FAzPA



Dr. Virginia Boomershine received her PharmD degree from Midwestern University College of Pharmacy-Glendale and since then has held various pharmacy positions which have enabled her to promote ambulatory pharmacy services. She served as a store/pharmacy manager of a work-site pharmacy where she implemented various patient care programs that delivered improved patient outcomes; was a clinical pharmacist embedded within primary care clinics where she developed and implemented several collaborative drug therapy management agreements; and was the residency program director of a PGY1 Community Pharmacy residency. Currently, Dr. Boomershine is the Director of Ambulatory Pharmacy Services at Banner Health where she provides strategic and operational guidance and oversight for all ambulatory clinical pharmacy services and leads the development of operational support services for the ambulatory environment. She is also the residency program director for Banner Health's PGY2 Ambulatory Care Pharmacy residency. Her areas of interest include diabetes, program development, and public health.

Zachary Brock, PharmD



Zach is a PGY2 Ambulatory Care Resident with Banner Pharmacy Services in Phoenix. He is from Canton, OH and graduated in 2017 from Ohio Northern University Raabe College of Pharmacy. His current practice interests include cardiology and endocrinology. Upon completion of the PGY2, he plans to work as an Ambulatory Care Clinical Pharmacist in a general primary care setting.

Melinda (Throm) Burnworth, PharmD, FASHP, FAzPA, BCPS



Dr. Burnworth graduated from the University of Missouri Kansas City School of Pharmacy in 2001. She then completed ASHP-accredited residencies in Pharmacy Practice (PGY1) and Adult Internal Medicine (PGY2) at Grady Health System in Atlanta, Georgia. She joined the faculty at Midwestern in 2004. Burnworth precepts pharmacy students on advanced pharmacy practice experiences at Maricopa Medical Center where she provides clinical pharmacy services for an adult internal medicine team. She is involved with teaching several hospital based courses at the University and an elective course called Rare and Interesting Diseases. She has special interests in rare diseases, efforts to minimize drug shortages, political advocacy, student mentorship, preceptor development, and women in pharmacy leadership. Burnworth is actively involved with the Arizona Pharmacy Association (AzPA) Health-System Academy and the American Society of Health-System Pharmacists (ASHP).

Chris Dang, JD



Chris Dang, J.D., is an attorney who practices with Quarles & Brady, LLP. He assists clients with regulatory compliance issues, including: corporate governance, mergers and acquisitions, vendor contracting, operations, Stark Law and Anti-Kickback compliance, HIPAA and state medical record/privacy requirements, and labor and employment issues. He also regularly advises clients on compliance requirements during turnaround efforts, restructuring, and bankruptcy. His representative experience consists of: Advises chain, regional, and independent pharmacies with practice of pharmacy requirements, supply chain, controlled substance (both DEA and state CSAs), and business licensing, including change of location (CHOL) and change of ownership (CHOW) requirements.

Kelly Fine, RPh, FAzPA



Kelly joined AzPA as CEO in October 2011. A graduate of the University of Toledo College of Pharmacy, she came to Arizona in 2001. Prior to her position with AzPA, Kelly was a Clinical Pharmacy Manager and Residency Program Director for a major grocery chain where she was responsible for patient care programs including immunizations, medication therapy management, community health fairs, summer internships, and in-store screening services.

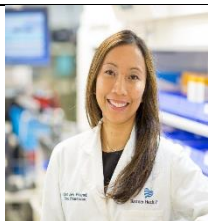
Kelly served as the 2010-2011 President of AzPA and has served on the Board of Directors in various capacities since 2006. In 2013 she was named an AzPA Fellow. Kelly is also a preceptor and adjunct faculty at Midwestern University College of Pharmacy Glendale and the University of Arizona College of Pharmacy.

Kerry-Ann Fuller, PharmD, BCACP



Dr. Fuller is a clinical pharmacist at North Country HealthCare in Flagstaff, AZ. She graduated from St. John Fisher College School of Pharmacy in 2011, completed a PGY1 in Community Pharmacy at the University of Texas-Austin in 2013 and a PGY2 in Ambulatory Care Pharmacy at the University of Arizona in 2014. Her clinical focus is in primary care where she consults on cases ranging from outpatient ID management to obesity therapy. She sees patients for chronic disease management, pain management and transitions of care.

Christi Jen, PharmD, BCPS, FAzPA



Christi Jen, PharmD, BCPS is an Emergency Medicine Clinical Pharmacist and PGY1 Residency Program Director at Banner Boswell Medical Center in Sun City, Arizona. Dr. Jen is a board certified pharmacotherapy specialist. A graduate from the University of Illinois Chicago College of Pharmacy, she completed her pharmacy practice residency program at Maricopa Medical Center in Phoenix, Arizona, a Level 1 trauma facility. In addition, she serves as a clinical instructor in emergency medicine for Midwestern University College of Pharmacy – Glendale, the University of Arizona, and Roseman University. She also provides education to the West Valley Prehospital (EMS) Group. She also serves as a member of the ASHP Preceptor Skills Section Advisory Group and American College of Clinical Pharmacy's Emergency Medicine PRN group and has given presentations on emergency medicine topics at local and national meetings. Her professional interests include emergency/disaster management, toxicology including drugs of abuse, and infectious diseases. She is one of the three Arizona representatives to the ASHP House of Delegates.

Adrijana Kekic, PharmD, BCACP



Adrijana Kekic is an Assistant Program Director of Education, Outpatient Pharmacy at Mayo Clinic in Phoenix, Arizona. She is active in clinical care, research and lecturing and has been involved in development of pharmacogenomics services and education. She is a licensed pharmacist in Arizona. Dr. Kekic earned the Doctor of Pharmacy degree from Midwestern University College of Pharmacy in Glendale, Arizona. She is board certified ambulatory care pharmacist through Board Pharmacy Specialties (BPS) and a member of BPS Ambulatory Care Committee. She holds a certification in Pharmacogenomics from University of Florida College of Pharmacy and is pursuing a Genomic Medicine certification from Stanford University. Adrijana has served as an adjunct faculty at Midwestern University College of Pharmacy and an instructor, preceptor and residency preceptor at Mayo School of Medical Science. She is involved with several pharmacogenomics research projects and studies in palliative care, transplant care, anesthesia and cardiology. She sits on Pharmacogenomics Task Force at Mayo Clinic.

Nick Ladziak, PharmD, BCACP



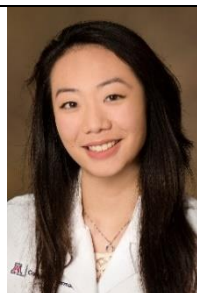
Nick Ladziak is a graduate of the University at Buffalo School of Pharmacy and Pharmaceutical Sciences. After graduating, he completed a PGY1 residency at Celebration Health and a PGY2 in ambulatory care and academia at the University at Buffalo and Buffalo Medical group. Dr. Ladziak is an assistant professor at the University of Arizona College of Pharmacy Phoenix campus. He also provides clinical pharmacy services at Banner University Medical Center Phoenix Family Medicine and Internal Medicine clinics, respectively.

Molly Larson-Wakeman, PharmD



Molly Larson-Wakeman completed a Bachelor of Science in Biology from Humboldt State University. She received her Doctor of Pharmacy as well as a Master of Health Science in Health Informatics from Fairleigh Dickinson University School of Pharmacy and Health Sciences. Molly is currently a PGY-1 Community Based Pharmacy Resident at North Country HealthCare. She has an interest in rural health and ambulatory care pharmacy.

Grace Lin, PharmD



Grace Lin, PharmD., completed her Doctor of Pharmacy at the University of Arizona and her PGY1 residency at Banner - University Medical Center in Tucson, AZ. Dr. Lin is currently continuing on as a PGY2 resident in Internal Medicine at the same institution. Her interests include internal medicine, infectious diseases, cardiology, and solid organ transplant, and psychiatry.

Robert Lipsy, PharmD, FASHP, BCPS, FAzPA



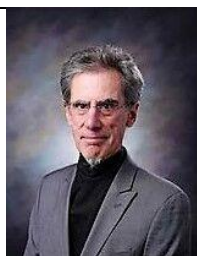
Robert Lipsy is currently the Senior Clinical Pharmacist and Medication Management Specialist, at the Medication Management Center, College of Pharmacy, University of Arizona. He is also an Assistant Professor at the College. Dr. Lipsy has over 35 years of clinical pharmacy experience. Prior to joining the medication management center, Dr. Lipsy served in clinical roles in academic, hospital, and managed care pharmacy. He is a fellow of the American Society of Health-System Pharmacists and in 2001, was awarded the Elias Schlossberg Lifetime Achievement Award by the Arizona Society of Health-System Pharmacists. Dr. Lipsy is also a fellow of the Arizona Pharmacy Association and a member of the association's Hall of Fame. Dr. Lipsy has authored numerous articles, books and book chapters and given over 100 local, regional, and national presentations and lectures.

Dr. Joseph Pergolizzi, MD



Dr. Joseph Pergolizzi, a cofounder of NEMA Research, Inc., specializes in pain medicine, anesthesiology and clinical research. His lifelong interest in the safe use of pharmacological therapy, as well as his combined academic and clinical experience provides insight into the use of safe but powerful but drugs, with the potential for misuse- drugs such as opioids, "Z drugs," and others. He is frequently asked to consult with major research institutions, drug development firms and serves on FDA advisory boards. He is also featured around the world as an academic presenter on the topic of pharmacology. Dr. Pergolizzi's is collaborating with the Alliance for Benzodiazepine Best Practices to raise awareness about benzodiazepine prescribing practices and the potential issues associated with long-term use. Dr. Pergolizzi has authored over 200 peer-reviewed medical journal articles and book chapters on pain management, pharmacology and the safe use of prescription drugs.

Dr. Robert B. Raffa, PhD



Dr. Robert B. Raffa, PhD., has devoted his professional career to pharmacology and understanding the balance between therapeutic utility and abuse potential of drugs. Previously, he was team co-leader for analgesics drug discovery at Johnson & Johnson. Dr. Raffa has received more than \$3 million in research funding from National Institutes of Health and other sources for investigation of drug action and drug abuse issues. In addition, Dr. Raffa has published over 300 peer-reviewed papers, is the co-author or editor of several books on pharmacology and thermodynamics and is a co-editor of the *Journal of Clinical Pharmacy and Therapeutics*. He is a past president of the Mid-Atlantic Pharmacology Society, and he lectures and consults worldwide on analgesics and analgesic combinations.

Carol J. Rollins, M.S., PharmD., BCNSP, FAzPA, FASEPN, FASHP



Carol J. Rollins, M.S., Pharm.D., BCNSP, FAzPA, FASHP received her B.S. in Pharmacy and Pharm.D. from the University of Arizona. She completed a Nutrition Support Pharmacy Practice Residency at University Medical Center in Tucson, Arizona. Carol received her M.S. in Food Science and Nutrition from Purdue University, West Lafayette, Indiana, and her initial Bachelor's degree from Concordia College, Moorhead, Minnesota.

Rollins is currently the clinical pharmacist responsible for coordinating the nutrition support team at Banner University Medical Center Tucson and is Clinical Professor at the University of Arizona College of Pharmacy. She is Director of an ASHP accredited PGY2 Nutrition Support Pharmacy Residency and a preceptor for PGY1 and PGY2 residencies. Carol is an active member of the Health System Academy of AzPA and serves on several committees. She is one of the three Arizona representatives to the ASHP House of Delegates. Carol is also the Continuing Education Committee co-chair for AzPA 2017-2018.

Melanie Smith, PharmD, BCACP, DPLA



Melanie R. Smith is the Director of the ASHP Section of Ambulatory Care Practitioners. In this role, Dr. Smith serves as the staff liaison to the Section of Ambulatory Care Practitioners Executive Committee. She also acts as an ASHP information resource and provides guidance to ASHP members on pharmacy practice in various ambulatory care practice settings. Previously, Dr. Smith was the Director, Educational Programs within ASHP's Educational Services Division. In this role, she helped coordinate continuing educational programming for ASHP's national meetings. Prior to joining ASHP, Dr. Smith was a Clinical Pharmacist II with United Healthcare as well as a Clinical Pharmacy Specialist with the Roudebush VA Medical Center.

Dr. Smith received her Bachelor of Science in Biology from the University of North Carolina and her Doctor of Pharmacy from Virginia Commonwealth University. She completed an ASHP-accredited PGY1 residency at the Lexington VA Medical Center in 2008, obtained her Board Certification in Ambulatory Care in 2011, and completed the Pharmacy Leadership Academy through the ASHP Foundation in 2015.

Renee Tyree, PharmD, BCPS, MHA



Renee earned her degrees in pharmacy, chemistry, psychology and biology from the University of Arizona and Masters of Health Administration from the University of Cincinnati. Her areas of interest are in medication management in physical medicine, including spinal cord dysfunction, Stroke and Parkinson's disease. In her role as West Regional Pharmacy Director for Encompass Health, Renee provides clinical and operational leadership for 16 rehabilitation hospitals. In her tenure with HealthSouth, now Encompass Health, Renee implemented pharmacy EMR conversions across the country, facilitated national best practice development for medication reconciliation, transition of care practices and patient education.

Renee continues to write and present locally and nationally on various topics of medication use in the practice of physical medicine and rehabilitation including stroke, hip fracture and medication and driving. She holds professional memberships with the American Society of Health-System Pharmacists (ASHP), Arizona Pharmacy Association (AzPA), American College of Healthcare Executives (ACHE) and Academy of Spinal Cord Injury Professionals (ASCIP). Personally, as an AZPA member, Renee continues to be a mentor for new practitioners, was the 2014 recipient of the University of Arizona Pharmacy Practice and Leadership Award and is a three time USA women's wheelchair basketball Paralympic team medalist.

Juan Villanueva, PharmD, BCPS



Dr. Juan Villanueva graduated from the University of Texas College of Pharmacy in May 2015. Following completion of a PGY1 and PGY2 in infectious diseases at the University of Arizona, Dr. Villanueva joined the University of Arizona College of Pharmacy in 2018 as an assistant professor. He is currently involved in promoting antimicrobial stewardship activities among healthcare facilities in the state of Arizona. His current interests are in infectious diseases and antimicrobial resistance.

Steven Wright, MD



Steven Wright, MD, is a residency-trained family physician with a 36 year clinical career. Active in addiction medicine (board certified) 31 years and medical pain management 15 years, he focuses on issues related to controlled substances, addiction, and medical pain management through consulting, speaking, advocacy, policy development, education, medical provider assessment / supervision, and medical legal work. His clinical interests include the neurophysiology and treatment of pain and addiction (etiology, pharmacogenetics, treatment), non-opioid analgesia, opioids (medical and non-medical use), benzodiazepines (medical consultant for the Alliance for Benzodiazepine Best Practices), cannabis (medical and nonmedical use), adverse consequences, best practices, and systems of care.

Beth Zerr, PharmD, BCACP, AE-C



Beth Zerr, PharmD, BCACP, AE-C is a graduate of the University of Minnesota College of Pharmacy. After graduating she completed a PGY1 residency at Lake Region Healthcare and North Dakota State University. Dr. Zerr is an assistant professor at the University of Arizona College of Pharmacy Phoenix campus. He also provides clinical pharmacy services at Banner University Medical Center Phoenix Family Medicine and Internal Medicine clinics.

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