

Meet the Network and Community Leadership
Network: Quantitative Pharmacology (QP)
Community: Systems Pharmacology (SP)



Community Chair:
Matthew Riggs, PhD
Metrum Research
Group, LLC

Dr. Schmidt joined the University of Florida as an Assistant Professor at the Center for Pharmacometrics and Systems Pharmacology (CPSP) in Lake Nona (Orlando) in January 2012. He received his B.S. in Pharmaceutical Sciences from the Friedrich-Alexander University in Erlangen, Germany in 2003 and his license to practice as a pharmacist in Germany in 2005. He received his Ph.D. from the University of Florida under the supervision of Dr. Hartmut Derendorf in 2008, before completing a 3 year postdoctoral fellowship under the supervision of Prof. Meindert Danhof in the Division of Pharmacology at the Leiden/Amsterdam Center for Drug Research in The Netherlands. During his postdoctoral fellowship, Dr. Schmidt was also a member of the Dutch Top Institute Pharma PK-PD modeling platform.

His research focuses on the application of quantitative (pharmacometrics and systems pharmacology) tools to address clinically relevant research questions in the area of antimicrobial chemotherapy, pediatrics, diabetes, cardiovascular safety and post-menopausal osteoporosis. Dr. Schmidt published more than 30 peer-reviewed articles in highly respected journals in the clinical pharmacology arena including *Clinical Pharmacology & Therapeutics*, *CPF:PSP*, the *British Journal of Clinical Pharmacology*, the *Journal of Pharmaceutical Sciences*, *Clinical Pharmacokinetics*, and *Antimicrobial Agents and Chemotherapy*. He also published 3 book chapters on the application of quantitative analysis techniques in various therapeutic areas and is the editor of a book entitled, Applied Pharmacometrics, published in 2014 as part of an AAPS series on advancing Pharmaceutical Sciences.

Dr. Schmidt received the Paul Ehrlich Society for Chemotherapy Thesis Award for his work on “Pharmacokinetics/ Pharmacodynamics of oxazolidinones and beta-lactams” in 2010, the University of Florida Clinical Translational Science Institute Junior Faculty Pilot Program Award in 2012, the University of Florida Excellence Award for Assistant Professors in 2013 and was named International Educator of the Year (Junior Faculty Category) of the College of Pharmacy at the University of Florida in 2014. He also serves as the Chair of the BPS Special Interest Group on PK/PD and Systems Pharmacology of the International Pharmaceutical Federation (Federation Internationale Pharmaceutique, FIP) as well as the Vice Chair of the Systems Pharmacology Community for the American Society for Clinical Pharmacology and Therapeutics (ASCPT).