



COLLEGE OF PHARMACY
PHARMACEUTICAL SCIENCES
UNIVERSITY OF MICHIGAN

Pharmaceutical Sciences Seminar

“Enabling the Pipeline through Advanced Predictive Analysis Tools to Build Fundamental Understanding in Early Small Molecule and Peptide Development”

Presented by:

Justin Pennington, Ph.D.

Executive Director at Merck Research Laboratories

Wednesday, October 11, 2017
Room 2548 C.C. Little Building
4:00-5:00 pm

Dr. Pennington is an Executive Director at Merck Research Laboratories within the Pharmaceutical Sciences Department with the responsibility of leading the Biopharmaceutics and Specialty Dosage Form Development organization with groups located in Rahway, N.J. and West Point, Pa. He obtained his PhD in pharmaceutical chemistry from the University of Kansas, Lawrence, where he developed chromatographic expertise, including high-pressure column packing and fabrication of capillary based monolithic silica columns. His dissertation research focused on the development of fluorescent stable isotope tagging strategies for proteins containing DOPA. Prior to his PhD, he completed his bachelor's degree in chemistry and math at Briar Cliff University in Sioux City, Iowa. After graduation from Kansas, he joined Merck (Schering-Plough) in the Respiratory Product Development group, where held roles of increasing responsibility prior to his current role. His research interests include the study of in-vitro predictive technologies and the use of mathematical modeling and quantitative mass spectrometry for uniformity analysis and trace level analysis. In addition to actively publishing manuscripts and conference presentations, Dr. Pennington is active in the external scientific community as a USP expert committee member, and is a member of the executive committee and current president of Eastern Analytical Symposium.

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