

Travis J. Jerde, PhD

Associate Professor of Pharmacology & Toxicology and Urology at Indiana University School of Medicine, Indianapolis, IN.

Biography:

- B.S. Bacteriology, University of Wisconsin-Madison.
- Ph.D. Pharmaceutical Sciences (2005); University of Wisconsin (Mentors: William Mellon and Stephen Nakada)
- Postdoctoral Fellow; University of Wisconsin School of Medicine (Mentor: Wade Bushman), 2005-2010.
- Assistant Professor of Pharmacology and Toxicology and Urology; Indiana University School of Medicine, 2010-2016.
- Associate Professor of Pharmacology and Toxicology and Urology; Indiana University School of Medicine, 2016-Present.
- Director, IUSM Pharmacology and Toxicology Graduate Program, 2019-present.
- 2011 AUA Young Investigator Award.
- 2018 Indiana University Trustee's Award for outstanding teacher.
- EPA Federal Insecticide, Fungicide, and Rodenticide Act Scientific Advisory Panel
- SBUR elected Director at-large, 2015-2017.
- SBUR secretary, 2017-present.
- Founder and Coordinator-Indiana Basic Urological Research (IBUR) Program (Indiana and Purdue Universities)

Research Focus:

My research investigates how inflammation within tissue microenvironments promotes disease, including BPH, and prostate and bladder cancer. Our group currently has three primary lines of research: 1, investigating the mechanisms of how inflammation-driven developmental signaling induces cell survival and proliferation of prostate progenitor cells; 2, therapeutically targeting the inflammation-induced protein APE1/Ref-1 in prostate and bladder diseases; 3, investigating how inflammation-driven microglandular hyperplasia of the prostate associates with pathology and lower urinary tract symptoms.

SBUR Experience: I have been a member of SBUR since 2005, first as a graduate student and post-doctoral trainee, and now as a full member since 2010. I have been fortunate to be able to moderate several SBUR meeting sessions during this time and work on two SBUR meeting organization committees. I served on the SBUR membership committee from 2010-2012. In 2015, I was honored by SBUR members to have been elected to the SBUR executive committee as director at-large for two years. My projects as director at-large included serving as chair of the membership committee, a position that included expanding SBUR membership, improving the membership experience for SBUR members, and serving as a liaison between our membership and the executive committee. From 2015-2017 we increased our steady active membership by over 100 members.

In 2017 I was elected secretary of SBUR by our membership, and have served in this capacity since November of 2017. In addition to my monthly duties as secretary, during this time I have served as the Executive Committee liaison to the Mission Urosciences committee that sets the

formalized vision for urological research going forward in future years. In addition, I am SBUR's representative on the AUA's Advocacy Summit planning team for 2019, and am currently working on our official presentation to the AUA at the summit, with other presenters Dr. Gail Prins and Dr. Bud Burnett. Finally, I have worked with our previous management company Urology Management Services (UMS),

Vision Statement:

I have been fortunate and honored to work for the past year as our current secretary while on the executive committee. As I enter my second year, I am continuing my projects that include setting the agenda for urological research as part of Mission Urosciences. Our work has resulted in many opportunities including our connections with Asia via our new collaborative agreements with the Chinese Urological Doctor Association and working with the AUA, the APS, and ASPET on our research advocacy missions. I plan to continue to work toward these outreach missions in order to increase our international footprint, and to open up presentation and collaboration opportunities abroad for our members. I plan to continue to work with the AUA and others on our advocacy missions, focusing on expanding research funding within urology, as our area has been underfunded for many years. Finally, I will advocate for research balance within SBUR, making sure that our committees, our awardees, and our meeting presentations represent the rich and diverse research interests across urological sciences, and not just that of one organ, one molecule, or one disease. Urological research is a broad and diverse area representing many disciplines, and I will work to ensure that all are represented and have a home in SBUR.