

# Special Talk

Chemistry Department Post-doc Symposium

## Launching an innovation-focused career in industry

**Dr. Christopher J. Welch**

Executive Director

Indiana Consortium for Analytical Sciences and Engineering



**Christopher J. Welch** serves as the Executive Director of the Indiana Consortium for Analytical Sciences and Engineering (ICASE), a joint venture between Purdue, Notre Dame and Indiana University. He is cofounder of Welch Innovation, LLC, an independent research and consulting firm and serves on the scientific advisory board for several small chemical businesses and on the board of directors for Pacifichem, Inc. Dr. Welch has worked in a variety of fields within the chemical industry and is well known for his expertise in high throughput experimentation, stereochemistry and purification technologies. Dr. Welch also has a vast experience with industry-academia research collaborations and currently coordinates research collaborations between, IU, Purdue, Notre Dame and a variety of industry partners. Dr. Welch has authored more than 300 scientific publications and patents. He is a Fellow of the American Chemical Society (ACS) and of the American Association for the Advancement of Science (AAAS), and is the recipient of numerous honors and awards, including the 2015 Chirality Medal.



Wednesday April 30<sup>th</sup> 2025



11:30 AM



James Tarpo Jr. and Margaret Tarpo  
Department of Chemistry

# Special Talk

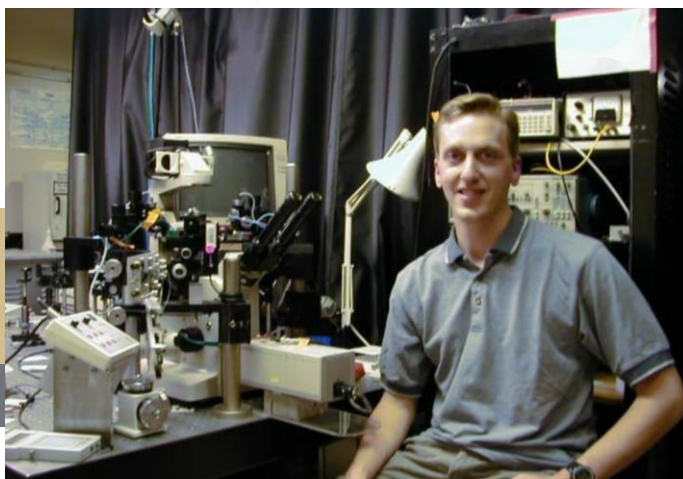
Chemistry Department Post-doc Symposium

## The post-doc and Beyond: An Unofficial Guide to Tenure

**Dr. Garth J. Simpson**

Professor

Purdue University Department of Chemistry



**Abstract:** Drawing from experiences at the intersection of academia and industry, this talk will explore key lessons in leveraging cutting-edge analytical techniques to advance pharmaceutical innovation. From navigating early-career uncertainty to making choices that mattered most in hindsight, it offers a candid look at what actually drives long-term impact—and what doesn't.

### Garth J. Simpson

1995 - B.S. Western Washington University (advisor: Mark Bussell)

2000 - Ph.D. University of Colorado Boulder (advisor: Kathy Rowlen)

2000-2001 - LSRF Postdoctoral Fellow, Stanford University (advisor: Richard Zare)

2001-2006 - Assistant Professor of Chemistry, Purdue University

2006-2011 - Associate Professor of Chemistry, Purdue University

2011-Present - Professor of Chemistry, Purdue University



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