



UNIVERSITY of  
**SOUTH FLORIDA**  
College of Engineering

## SCHOLARSHIP OF TEACHING AND LEARNING (SOTL)

*May 20 | 2:00pm - 4:00pm | ENB 109*

*Contact [Dr. Autar Kaw](#) to RSVP by May 15*

### Description:

Are you applying for an NSF CAREER award and would like to strengthen the engineering education part of the proposal? Are you wanting to conduct research in engineering education by using data collected from one of your courses or write an engineering education proposal to a federal agency such as NSF? In this workshop, we will discuss developing a research question, designing a study, implementing the methods, collecting data via surveys and examinations, analyzing the data, and publishing the results. We will use examples and reflective exercises to get the participants to generate a pathway to conduct what is called SOTL – Scholarship of Teaching and Learning.

### About the Facilitator:

Autar Kaw is a Professor of Mechanical Engineering at the University of South Florida. His current research interests include engineering education research, open courseware, massive open online courses, flipped classrooms, adaptive learning, blended instruction, and learning strategies. He is a recipient of the 2012 U.S. Professor of the Year Award. He is the lead developer of the multiple award-winning online open courseware for an undergraduate course in Numerical Methods. He has received continuous funding from NSF since 2002 as a lead principal investigator for research in engineering education and learning sciences. He has facilitated several STEM education workshops worldwide and written more than 100 refereed technical papers. His opinion editorials have appeared in the St. Petersburg Times, Chronicle Vitae, and Tampa Tribune.

You can learn more about him at <http://AutarKaw.com>

