

## Jimmy Chang

### EDUCATION

M.A., Mathematics, University of South Florida, 1999

B.S., Mathematics and Theatre, Eckerd College, 1997

### ADMINISTRATIVE EXPERIENCE

St. Petersburg College

Dean of Mathematics

2012 – Present

- Hiring and evaluation of full-time mathematics faculty throughout the College
- Collaborating with faculty and campus mathematics leadership on departmental initiatives, including:
  - Implementation of revised math pathways which results in students' more timely completion of math requirements for their degree
  - Development of fifteen online standard courses for mathematics, ranging from developmental mathematics and College Algebra through Calculus II. These courses are taught by full-time and adjunct faculty teaching online, and are also used in a number of on-campus courses.
  - Development of student-centered course schedules. Our department offers a variety of day, evening and weekend on-campus classes, as well as online, LiveOnline and blended.
  - Implementation of college-wide department text adoptions, leading to greater affordability for students and department-wide consistency
  - Collaboration with CCIT (College of Computers and Information Technology) on the A.S. degree in Data Science
  - Revision of department-wide curriculum to ensure that the learning outcomes and objectives are measurable
- Collaborating with executive leadership, including the President, Vice Presidents, Provosts and other Deans on college-wide policies and initiatives, including those related to persistence, progression, retention and completion
- Collaborating with faculty and administrators from the state of Florida on developing state-wide recommendations on mathematics progression and completion

- Collaborating and coordinating with various departments within the institution on implementation of developmental education reform and revised math pathways
- Co-Project Manager for awarded Bill & Melinda Gates Foundation Adaptive Learning grant to implement adaptive learning courseware into gateway courses as well as to document and measure outcomes
- Reviewing and resolving academic appeals from students, including grade appeals, repeat of courses, fourth attempts at courses and other course-related matters

St. Petersburg College

Academic Chair

2009 – 2012

- Hiring and evaluation of adjunct faculty
- Reviewing and resolving academic matters related to adjunct faculty
- Assisting with the advisement and registration math courses with students
- Collaborating with the Dean of Mathematics and other campus mathematics leadership on department-related policy
- Collaborating with the campus Provost on campus-related matters and policy
- Serving as Lead Representative for Academic Chairs/Coordinators/Program Directors group, 2011-12 (two consecutive one-year terms)

## **TEACHING EXPERIENCE**

St. Petersburg College

Assistant Professor

2000 – 2009

- Teaching a diverse array of mathematics courses ranging from developmental mathematics through transfer-level mathematics which include the Calculus sequence as well as Differential Equations
- Serving on course committees which developed/reviewed course objectives and materials

## **PRESENTATIONS**

- Chang, J., Cook, B., Newell, R. & Pfaff, M. (2019) "What Mathematics Do I Take? Addressing Placement Strategies for Students." Florida Mathematics Re-Design Institute, Gainesville, FL
- Campbell, M., Cavanah, M., Chang, J. & Long, A. (2019) "Success in Math Pathways Re-Design: Lessons from the Florida College System." AFC (Association of Florida Colleges) 2019 Conference on College Teaching and Learning
- Chang, J. (2015) "Institutional Case Studies: Using Adaptive Learning to Improve Outcomes." Panelist at the WCET (WICHE (Western Interstate Commission for

Higher Education) Cooperative for Educational Technologies) Leadership Summit, Santa Fe, NM

- Campbell, M. & Chang, J. (2014). "My Adaptive Bridge to College-Level Courses." John N. Gardner Institute for Excellence in Undergraduate Education Gateway Experience conference, Indianapolis, IN

#### **AWARDS AND HONORS**

- Distinguished Teaching Award, Mathematical Association of America (MAA) – Florida Section, 2013
- Faculty Member of the Year, St. Petersburg College – Clearwater Campus, 2011

#### **SKILLS AND QUALIFICATIONS**

- D2L (Brightspace), PeopleSoft, Business Intelligence (BI/Pulse)
- Microsoft Office
- Course management software: WebAssign, MyMathLab, ALEKS, Connect Math