

Biographical Sketch

(Thomas) Jyh-Cheng Liu, Ph.D.

Professional Preparation

Tatung University at Taipei, Taiwan	Chemical Engineering	B.S., 1979
University of Illinois at Chicago	Chemical Engineering	M.S., 1983
University of Illinois at Chicago	Computer Science	M.S., 1985
University of Illinois at Chicago	Materials Science and Engineering	Ph.D., 1988
University of Florida, Gainesville	Materials Science and Engineering	Post-Doc Research

Appointments

New Jersey City University	2018- present	Professor/Department head of Computer Science
	2002 - 2010	Assoc. /Full Professor, Computer Science
Bell Labs of Lucent Technology	1996 - 2002	Senior Software Engineer
Bell Labs of AT&T	1995 - 1996	Software Engineer
Lebanon Valley College	1990 - 1995	Assistant Professor, Computer Science
University of Florida, Gainesville	1988 - 1990	Post-doctoral Research Associate, Materials Science and Engineering Department

Related Publications

(Thomas) Jyh-Cheng Liu, 2018 “PAL (Pathway to Assist Life): The development of Mobile Apps for Mental Health”, CCSC North Western Regional Annual Conference, University of Washington Bothell, Washington, October 12-13, 2018

(Thomas) Jyh-Cheng Liu, 2017 “10 Story Builder: The development of iOS and Android Apps for ESL Education”, CCSC Eastern Regional 33th Annual Conference, Muhlenberg College, Allentown, PA October 20-21, 2017

(Thomas) Jyh-Cheng Liu, Parshton, Sajjan 2017 “10 Story Builder: The development of iOS and Android Apps for ESL Education”, CCSC Eastern Regional 33th Annual Conference, Muhlenberg College, Allentown, PA October 20-21, 2017

(Thomas) Jyh-Cheng Liu, 2017 “10 Story Builder: The development of iOS and Android Apps for ESL Education”, CCSC Eastern Regional 33th Annual Conference, Muhlenberg College Allentown, PA October 20-21, 2017

(Thomas) Jyh-Cheng Liu, Christopher Shamburg and Claire Monroe, 2016 “Ten Story Building: App Development for ESL” – a book chapter in “The Unplugged Professors” - in the process of publishing.

(Thomas) Jyh-Cheng Liu, Reahanna Cooper and Kristofer, 2016 “Mental Health Disparity among Racial and Ethnic Minority Groups in New Jersey” 8th Annual Garden State-Louis Stokes Alliance for Minority Participation STEM Research Conference at Rutgers University NJ

(Thomas) Jyh-Cheng Liu, Israel Betances, and Iris J. Rosario, 2015 “An in-depth Data Analysis of Health Disparity among Racial and Ethnic Minority Groups Within Three New Jersey Counties” 7th Annual Garden State-Louis Stokes Alliance for Minority Participation STEM Research Conference at Rutgers University NJ

(Thomas) Jyh-Cheng Liu, 2014 “MedMon: An Android & iOS App Development for Patient Medication Monitoring System”, 6th Annual Garden State-Louis Stokes Alliance for Minority Participation STEM Research Conference at Rutgers University NJ

(Thomas) Jyh-Cheng Liu and John Grew, 2013 “A Joint Undergraduate program in Health Information Management (HIM)”, CCSC Eastern Regional 29th Annual Conference, November 1-2, 2013 at The College of New Jersey

Synergistic Activities

- Promoting Educational Collaboration with High School, Union City High School, by mentoring HS students in summer Research and leading CS majors of NJCU to help HS students in coding and Robotics Club and facilitating their STEM CS program with teachers in High School.
- Initiate HIM (Health Information Management) major program at NJCU in Collaboration School of Health Professions of Rutgers University.
- PI on federal grants (Dept. of Education - *Increasing Latino Participation in Nursing and Health Information Management*; NSF – *Performance Education and Research laboratory*)
- Promoting undergraduate research by leading NJCU FAST team to participate atmospheric science research in Brookhaven National Lab in summers.
- Serving as IEEE local chair of Computer and Communication Chapter and serving as NJCU ACM student chapter Advisor in propelling student activities in professional societies.