

Biographical Sketch Mary E. Darrow, PhD

Professional Preparation

University of Wisconsin-Platteville	Biology and General Science	BS, 1991
University of Wisconsin-Platteville	Masters of Science in Education Community College Teaching Certification Biological and General Sciences	MSE, 2000
Iowa State University	Education	PhD, 2012

Appointments

Iowa State University

- Assistant Director, Office of Community College Research and Policy (OCCRP), Fall 2012 – present
- Assistant Director and Evaluation Coordinator, NSF IINspire LSAMP Program, Fall 2012 - present
- Program Coordinator, Center for Excellence in Science, Mathematics, and Engineering Education, 2011-2012
- Transfer Coordinator, College of Engineering, 2009-2011
- NSF STEP Project Manager, Office of Community College Research and Policy (OCCRP) 2007-2009
- Program Coordinator, Nutrition Wellness Research Center (NWRC), 2004-07

Des Moines Area Community College

- Tech Prep/Career Advantage Program Manager, Office of Program Curriculum and Program Development, 1994-2003

Southwest Wisconsin Technical College

- Career Program (Tech Prep) Manager, Office of General Education
- Instructor, Academic Skills Center, 1990-92
- Faculty, General and Technical Science, 1990-1992

Recent Presentations and Publications:

Darrow, M.E., Heaverlo, C., (2011). Changing the Conversation: Be > you Imagine! Workshop for K-16 Faculty and Administrators. Iowa Conference on Diversity in Science, Technology, Engineering, and Math (STEM). Ankeny, IA, April 2011.

Laanan, F. S., Rover, D., Bruning, M., Mickelson, S., Shelley, M., Laugermann, M., Darrow, M., & Pontius, J. (2011, March). Measuring the "SEEC" effect: Engineering transfer student retention and success (SEEC Data Brief No. 4). Ames, IA: Iowa State University. ISSN 2153-3989.

Darrow, M.E., Merten, E.M., (2011). Creating Seamless Mobility: A Perspective on How Partnership Programs Can Shape the Future of Transfer. American Associations of College Registrars and Admissions Officers Best Practices in Degree Partnerships, New Orleans, LA, Feb. 2011.

Laanan, F. S., Rover, D. T., Bruning, M., Mickelson, S., Shelley, M., & Darrow, M. (2010, July). SEEC engineering transfer student profile (SEEC Data Brief No. 1). Ames, IA: Iowa State University. ISSN 2153-3989.

Rover, D., Bruning, M., Michelson, S., Shelley, M., Laanan, F., Darrow, M., Goodwin, M., Baughman, J., & McMaken, H. SEEC: Student enrollment and engagement through connections. Proceedings of the American Society of Engineering Education Annual Conference, Louisville, KY. June 2010.

Darrow, Mary., Frankie, Laanan, Diane Rover, Mack Shelley (2010). *Student Enrollment and Engagement through Connections (SEEC) American Society of Engineering Education (ASEE) Conference, NSF Poster session presentation*, Louisville, KY, June 2010.

Frankie Santos Laanan, Dimitra Jackson, Mary Darrow (2010). *Experiences of Engineering Transfer Students: From Community College to University* -, Iowa State University. American Society of Engineering Education (ASEE) Conference, Louisville, KY. June 2010.

Frankie Santos Laanan, Dimitra Jackson, Soko Starobin, Mary Darrow (2010). *Educating Future Engineers: Role of Community Colleges*. American Society of Engineering Education (ASEE) Conference, Louisville, KY, June 2010.

Laanan, F.S., Starobin, S.S., Darrow, M.E., & Jackson, D. (2008) Creating Learning Environments for Future Women Engineers: Voices and Experiences at Community Colleges. Paper presented at the annual meeting of the Council for the Study of Community Colleges (CSCC). Philadelphia, PA. April 4, 2008.

Synergistic Activities:

I am mentoring two doctoral students working on their dissertation projects related to our NSF LSAMP project. I am also supervising undergraduate students in OCCRP as they learn about research tools and processes.

Chair/Coordinator Pre-Conference Workshop: Big 12 NSF STEM Talent Expansion Programs (STEP) at American Association of Engineering Education (ASEE) Conference, Austin, TX, June 2009.

NSF STEP PI Conference, Washington, DC. March 2008, 2009, 2010, & 2013

Engineering APP Virtual Learning Community Pilot (www.eng.iastate.edu/transfer/app) jointly administered between Iowa State's College of Engineering, Admissions, and Learning Communities. 2010-II & 2011-12

Professional Affiliations/Leadership:

Member, APP Logistics Committee, Iowa State University (2009-Present)

Member, President's Retention Task Force, Iowa State University (2005-present)

Member, Learning Communities Task Team (LCTT), Iowa State College of Engineering (2009-2010)

Member, Council for the Study of Community Colleges (CSCC) (2008-present)

Member, P & S Council, Iowa State University, (2003-2006)

Chair, P & S Council, Recruitment and Retention Committee, Iowa State University (2003-2006)

Member, Iowa Career and Technical Education Association (2000-2006)

Member, Iowa Association for Supervision and Curriculum Development (1994-present)

Chair, Iowa Tech Prep Leadership Council, Iowa Department of Education (2001-03)