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Research Interests

- Impact of IS/IT change on end users

- Management of IS/IT workers

- Computer Anxiety and Computer Self-Efficacy

- Mentoring using Information Communication Technology

- Various de facto Standards

Links of Interest

College of Business

Institute of Computing and Cybersystems

For more information

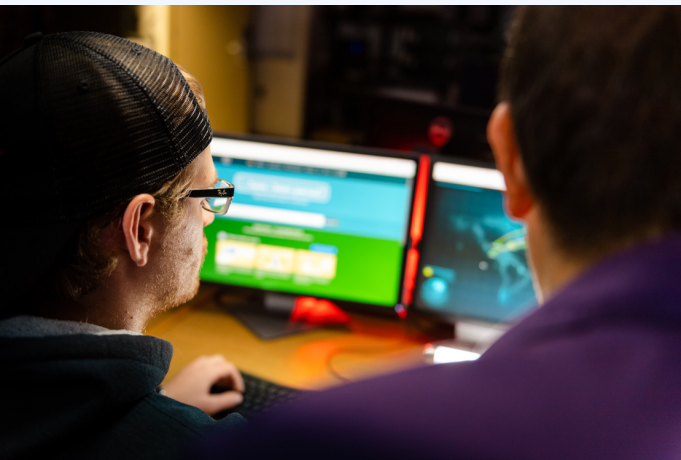

Publications

Job Crafting in IT Workforce:
Using a technique developed based on Positive Psychology, improving job satisfaction in IT positions can be an effective method to attract and retain women professionals. The IT workforce is constrained by inadequate staffing. Therefore, managers must be more proactive in creating opportunities that make their skilled workers want to stay, and impressive salaries are only part of the solution. Job crafting encourages individuals to focus more time and energy on aspects of their jobs that lead to intrinsic gratification.

Virtual Mentoring Using Computer-Mediated Communications (CMC):
Results of a focus group discussion outline the challenges of building trust using virtual collaboration tools. Professional mentoring relationships are possible even when participants are geographically dispersed.

Computer Anxiety and Computer Self-Efficacy:
Overcoming fear of computers is possible when participants build on their successes. With the ubiquitous nature of computing, most professional jobs today require at least a minimal amount of comfort with programming and technical capabilities. The assumption that younger workers are inherently comfortable with computers is incorrect. For a large percentage of contemporary college students, their familiarity is restricted to smart phones and videogames. These primarily recreational skills do not readily align with professional use of technologies in the workplace. Deliberate development of broad computing skills will ensure professional opportunities now and in the future.