

Deborah E. Swain, PhD.

Achievements

Awards, Grants, and Honors

- Co-Investigator for Institute of Museum and Library Services (IMLS), "Library as Place: the North Carolina Central University Diversity Scholars." (Dr. Irene Owens, Principle Investigator) for \$839,073 (with \$738,376 in matching fund from NCCU). 2008-2011.
- Co- Principle Investigator for United Negro College Fund-Special Projects Grant, Awarded to
- NCCU team and Department of Health Education to design and complete National Library of Medicine (NLM) training on campus and in NC communities with Health Disparities (2007-2008).
- Principle Investigator for NCCU Academic Affairs Grant, Awarded for 2006: to train NCCU faculty and students (undergraduate and graduate) to administer a learning lab that supports using Computational Science models to solve problems in chemistry, physics, business, and other school subjects, and to establish learning labs for middle-school students in Durham at the Antioch Builds and the W.D. Hill Community Centers. Supported by National Science Digital Library (NSDL) and Shodor Educational Foundation, Inc and the Computational Science Education Reference Desk (CSERD)
- Co-Chair North Carolina Healthcare Informatics Workgroup (NCHIW) with Dr. David Potenziani, UNC School of Public Health. Group is developing a community of practice to share health information across the state and creating web presence with sites and blogs; sponsored by the consortium North Carolina Healthcare Information and Communications Alliance, Inc.
- Conference Panel Moderator on "Collaborative Creation," Thinking Through New Media :: 2006 Graduate Student Conference. (June 7, 2006, Duke University, Durham, NC)
- (Award) Best Paper. *College Teaching and Learning Conference*, January 5-9, 2004, Orlando, FL

Other Awards, Grants, and Honors

- Certificate of Service to ASIS&T: Special Interest Group (SIG) Cabinet (2008) and Chair of Knowledge Management (KM) SIG (2006-2007).
- First Place Winner, Division E Table Topics Contest, Toastmasters International, April 5, 2005, SAS Institute, Cary, NC.
- Excellence in Teaching: co-author with A. Killough for "Reframing the Education Paradigm: Schools as a Necessary but Insufficient Condition," *College Teaching and Learning Conference*, January 5-9, 2004, Orlando, FL.
- Best CTM (Competent Toastmaster) Speaker 2002-2003. Capital City Toastmasters, Raleigh, NC
- Excellence Award for Presentation, Lucent Technologies/Bell Laboratories, 2000
- National Information Standards Organization (NISO) Standards Committee for Indexes and Related Information Retrieval Devices (Chaired by James Anderson, Rutgers University), 1991-95
- IBM Technical Leadership Excellence Award, Research Triangle Park, 1990
- Funded NC Mini-grant for Computer-Based Training (CBT) in Grammar, NC State University, 1981

Business Achievements

- Developed use cases strategy to increase productivity and reduce development interval time 40%
- Supported marketing artificial intelligence application (expert system); captured 30% IBM market
- Transitioned 10 separate legacy hardware and software telecommunications product groups in 2 different corporations to object-oriented methodologies
- Marketed 1st commercial book publication of Graphical User Interface (GUI) guide for IBM, Hewlett-Packard, Sun and Motif (open interface consortium)