

Deborah E. Swain, PhD.

Experience and Affiliations

Teaching and Work Experience

- 2008 – Present – Interim Associate Dean, School of Library and Information Sciences, NC Central University – Prepare reports on enrollment, accreditation, and teaching loads; schedule classes and recommend adjunct instructors; approve students for graduation; review and approve applicants meeting requirements for admissions.
- 2003 - Present – Assistant Professor and Fulltime Faculty, School of Library and Information Sciences, NC Central University – Teach graduate courses a semester, design courses, advise Masters of Information Science (MIS) students, prepare evaluations and recommendations for students (upon request), serve as faculty advisor for Student Chapter of professional society, chair of Admissions Committee, serve on SLIS Curriculum and Colloquium Committees, and attend university events and campus professional conferences.
- 2002-2003 – Adjunct Faculty in Information Science and Computer Information Systems – Develop and teach courses in systems analysis, project management, internet applications, programming, and English literature for NCCU (School of Library and Information Sciences), the University of NC at Chapel Hill (School of Information and Library Science), and Campbell University (School of Business; College of Arts and Sciences)
- 2002 - Present – Consultant for Tech Resources and Info Solutions (TRIS), Raleigh, NC – Network with NC businesses to explore possible field work, jobs, or internships for graduate students by consulting: prepare procedures and develop training for small businesses and corporations; design web-based instructional systems; analyze processes and information flow; develop handbook on employee safety (English and Spanish); deliver collaboration workshop/training (customers include: Advacon, American Legion, Curvemakers, Inc., Management Applications, Inc., ComplyAssist, Immacule, David Kirby Associates, NCHICA, Old North State Medical Society, and RCI-Professional Roofing technology.)
- 1996 - 2001 - Process Engineer for Lucent Technologies/Bell Labs – Design and deliver training programs worldwide to software engineers and managers in use case (object-oriented) methodology, process orientation for new employees, diversity management, and product quality.

- Jan., 1995 - May, 1995 – Systems Analysis - Instructor for University of North Carolina at Chapel Hill, Schools of Business, and Library and Information Science – Design and develop course for undergraduate and graduate students in information research and project development, systems modeling, user interfaces, software development life cycle, and management processes
- May, 1995 - Dec., 1995 – Computer Science – Instructor for Wake Technical Community College, Raleigh, NC – As continuing/Adult Education instructor, deliver courses in Computer Skills, Intro to Personal Computers, and Word Processing
- 1983 - 94 – Knowledge Engineer, planner and trainer for IBM in RTP and Cary, NC – Expert Systems, object-oriented models and user interface (UI) design. Editor/Information Development.
- 1977 - 83 – Instructor/Lecturer for NC State University, Raleigh, NC – Develop and deliver courses on technical writing and business communications, literature and writing; design computer-based training (CBT) on grammatical structures
- 1972 - 77 – Teacher in NC Schools (Chapel Hill, Laurinburg, and Fuquay-Varina) – Design lesson plans and deliver English classes in secondary and middle schools (grades 8 - 12)

Research and Development (R&D) Business Experience

- 2008 – RCI, Raleigh, NC – Develop and test digital library of professional journals for access on the Internet by members of the society and researchers in green roofing and other technologies.
- 2002 - HiddenMind Technologies, Inc., Cary, NC – Prepare procedures for designing and developing web and wireless (PDA) applications for handheld devices in the medical industry; leading edge technology
- 1997 - 2001 – Lucent Technologies/Bell Labs, Cary, NC – Document systems requirements for wireless and intelligent network telecommunications products; collect metrics to develop improved software engineering processes
- 1996 - 1997 –AT&T, Cary, NC – Complete systems task analysis to support object-oriented model for developing hybrid-fiber coax system for Pacific-Bell
- 1992 - 94 – IBM, Cary, NC – Use SmallTalk, C and C++ to develop prototypes; lead team to develop first commercial guideline for joint IBM OS2, Hewlett-Packard, Sun, and Motif interface standards for Common User Applications (CUA)
- 1988 - 89 – IBM, Bethesda, MD -- Deliver Knowledge Engineering technologies based on artificial intelligence (expert systems and knowledge-based systems) and marketing material for AI products (LISP, Prolog, and KMS); prepare online, interactive information for closed-circuit television broadcasts and stand-up classes in US and internationally.
- 1983 - 92 – Advanced Technologies planner for IBM, RTP, NC –Develop expert system on route analysis for telecommunications network; document telecommunication protocols, standards, and network planning process

Reviewer for Professional Conferences and Publishing Companies

- 9 dissertations for the Thomson Reuters Award at the American Society for Information Science and Technology (ASIST) Annual Conference, November 6-11, in Vancouver, Ontario, Canada.
- 2009 - Reviewed and Copyedited book: Abdualhi, Ismail (2009). *Global Library and Information Science: A Textbook for Students and Educators*. K.G. Saur: Hague, The Netherlands.
- 2008 - Reviewed book: Strategic Information Management: Challenges and Strategies in Managing Information Systems (4th Edition), ed. by Robert D. Galliers and Dorothy E. Leidner
- 5 papers and 8 posters for The American Society for Information Science and Technology (ASIST) Annual Conference, October 24-29, 2008, Columbus, OH
- 4 papers for I-Conference in 2008 for I-Schools (Information Graduate Schools),
- 4 papers for The American Society for Information Science and Technology (ASIST) Annual Conference, October 19-24, 2007, Milwaukee, WI
- 6 papers for The American Society for Information Science and Technology (ASIST) Annual Conference, November 3-9, 2006, Austin, TX
- 4 papers for the International Conference for Knowledge Management (ICKM), 2006, London

Professional Affiliations

- American Library Association (ALA)
- NC Library Association (NCLA)
- American Society for Information Science and Technology (ASIST)
- Association for Computing Machinery (ACM)
- Association for Library and Information Science Education (ALISE)
- NC Serials Conference (attendee); previously for 20 years
- Institute of Electrical and Electronics Engineering (IEEE)
- Society for Technical Communication (STC)