

Michael G. Prais, Ph.D.
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An experienced team player providing analysis, planning, service, support, training, and promotion for the use of information technology; extensive analytical and communication skills to support both process and product; strong technical and critical training and experience to provide a thorough understanding of a wide range of technologies; extensive experience educating and responding to all levels of management as well as managing personnel, planning and budgets.

PROFESSIONAL EXPERIENCE

**Instructional Technology Coordinator, University of Illinois at Chicago 2010 -
Academic Computing and Communication Center**

Supported faculty, students, and staff in their use of Blackboard Learn course content management; Microsoft Office and Adobe multimedia content creation and conversion; Adobe Flash and ShareStream media streaming services, conversions, and presentations; on-line assessments, blogs, wikis, web services, and remote and shared file services. Used these applications to regularly and frequently create print, web, and presentation materials. Managed everyday support operations of the eight FTE group.

Director, Information Services Saint Xavier University 2003 - 2008

Managed the reliable operation of the university administrative, mail, web, and file servers; of the university voice and data networks, access to the Internet, voice over IP services and of the identification and debit card system. Promoted and provided support for the use of information and communication technologies in offices, in research and in the curriculum. Managed university support for office productivity, operating systems, communications and research software through analysts, workshops and documentation. Managed the operation of university computer labs and the support of students and instructors in the labs. Managed the installation, configuration and access of software on all workstations and on lab and other servers. Managed the purchase, distribution and metering of software site licenses and volume purchase agreements. Addressed system and network acceptable use issues with students and faculty. Maintained extensive contact with faculty, staff and students and a strong awareness of their needs in order to identify services to accommodate changing needs. Developed strategic plans and budgets to optimize university information technology resources. Developed strategies for acquisition and utilization of university computer, data network, and telecommunications systems and services.

Director, Academic Computing Services Northern Illinois University 1989 - 2001

Managed central IT user services providing support for office productivity, file management, statistical research, communication, Internet applications, and dial-in. Developed support programs and climate for the clientele to adopt and effectively use: personal computers; networked file and print services; Unix, Netware, and Windows; electronic mail, web, and other Internet services; software applications in student assignments; enterprise and department web presence; problems and change information management; and course materials management. Designed, operated, and maintained labs with 1000 networked workstations across thirteen locations as well as six electronically-mediated classrooms with general and requested applications and configurations. Collaborated with other major support organizations. Promoted distributed support services and consulted with departments on products, process, and hiring. Reorganized the department and developed an extensive set of new job classifications. Developed procedures and policy and enforced ADA, copyright, and acceptable use policies. Improved university processes through the use of office productivity and the Internet.

Director, Academic Computing Facilities Roosevelt University 1984 - 1989

Managed support for personal computer workstations. Encouraged the use of IT and provided analysis and technical solutions for IT issues throughout the university. Designed, operated, and maintained the university computer labs. Improved student and popular clientele's perception of university.

Chair, Department of Chemistry **Roosevelt University** 1987 - 1989
Managed a small academic department with extensive technical instrumentation and supply needs. Hired part-time instructors and arranged assignments and support for all instructors. Provided problem solutions for staff and students. Collaborated on the development of the university general education curriculum.

Assistant/Associate Professor, Department of Chemistry **Roosevelt University** 1981 - 1989
Taught ten courses including physical and analytical chemistry and graduate kinetics and thermodynamics. Developed course on laboratory automation. Awarded NSF Small College Instrumentation grant. Pioneered use of software applications in student assignments and course management. Tenured.

Visiting Research Chemist **University of California, San Diego** Summers 1982 - 1988
Developed mathematical tools for the analysis of surface phonon spectral distributions, correlation functions, time series, and singularities in the distributions using properties of orthogonal polynomials. Developed numerical analysis routines and used libraries in Fortran, ALGOL, and C within Unix as a scientific programmer/analyst.

CONSULTING

Technical Expert **International Standards Organization, TC 42, Photography** 2011 -

EDUCATION AND CERTIFICATION

University of California, San Diego Ph.D., Chemistry (Chemical Physics, Numerical Analysis)
University of California, San Diego M.S., Chemistry (Chemical Physics, Numerical Analysis)
University of Chicago B.S., Chemistry
Linux Professional Institute Certification - Level 1 (2010)