

Joel Dunn
401 Gibbon Drive
Chapel Hill, NC 27516
joel@jdunns.com
919.215.3458

Education

- MS, Computer Science, UNC-Chapel Hill (1995)
- BS, Business Administration, UNC-Chapel Hill (1979)
- Coursework complete toward PhD in Information Science

Positions

Current:

UNC-Greensboro Information Technology Services (ITS)

May 2007-present

Associate Vice Chancellor, Administrative Systems - Lead the Administrative Systems division of ITS, a team of information technology professions in support of a comprehensive suite of administrative applications for the University. Have additional responsibility for the ITS Security Office and team of information security analysts.

UNC-Chapel Hill School of Information and Library Science

August 1998-present

ils.unc.edu

Adjunct faculty – Teach both graduate and undergraduate courses in systems analysis and design, at load of one course per semester. Support undergraduate student projects and independent study courses.

Historical

MCNC

March 2006-April 2007

www.mcnc.org

Director, IT & Data Center Services – Direct Data Center Services offerings for MCNC, a suite of network-centric services (colocation, hosting, data protection, etc.) augmenting value provided by statewide NCREN network. Direct corporate IT staff providing support for MCNC activities. Manage staff of 9 and receipts-supported budget of \$2.5 million. Active participation in MCNC's engagement with Internet2 and National Lambda Rail (NLR). Close interaction with other MCNC directors in support of other projects.

UNC-Chapel Hill Information Technology Services (ITS)

August 2005-February 2006

Director for Networking Collaborations – Primary liaison for networking collaborations and partnerships with both on and off campus participants. Work directly to foster collaborative projects with other campus schools and departments, and with local and national networking partners. External collaborations include involvement with NCNI and NCREN at the local and statewide level, and with Internet2 and National Lambda

Rail (NLR) at the national level. Work with NLR in the Experiment Support Services group to provide consultation for connectivity to the National Lambda Rail project. Work with the Internet2 HOPI Testbed Support Center. Act as on-campus “network evangelist.”

North Carolina Network Initiative (NCNI)

April 2001-January 2006

www.ncni.net

Executive Director – Manage the North Carolina Networking Initiative (NCNI). NCNI was a collaborative project of Duke University, North Carolina State University, UNC-Chapel Hill and MCNC, along with various industrial partners, to explore and develop leading edge network technologies and applications. Lead multi-institutional team of staff, faculty and researchers in efforts to develop and sustain infrastructure for leading edge networking, and encourage use of that network. Manage grant-funded budget of \$5.5 million over 6-year term from 1998 through 2003.

Selected accomplishments

- Selection and deployment of 2nd generation optical networking infrastructure
 - Directed installation of Cisco 15454 Multiservice Transport Platform to provide WDM support for both production and experimental networks
 - Develop strategies to interface local network infrastructure to national and regional circuit switching infrastructures such as the National Lambda Rail (NLR).
- Supported local researchers with data-transport-intensive projects
- Refined the focus of the NCNI graduate student fellowship program
- Enabled native Internet Protocol version 6 (IPv6) support on NCNI backbone, including native peering of IPv6 to Abilene backbone
 - Facilitated project to stream two local radio stations using native IPv6
- Consistently encouraged and advocated adoption of and utilization of Voice and Video over IP (VVoIP).
- Participate as University and NCNI representative in Internet2
- Supported Internet2 Sponsored Education Group Participant (SEGP) utilization by the K12 community
 - Facilitated connection of Chapel Hill-Carrboro City Schools to UNC-Chapel Hill to enable Internet2 connectivity
 - As an exemplar, arranged participation by local schools in worldwide “Megaconference Junior,” where students presented to and interacted with peers around the world

July 1998-April 2001

Advanced Technical Staff– Support, foster and encourage application development initiatives utilizing “next generation networking” within the North Carolina Gigapop and in the context of the Internet2 and Abilene initiatives. Act as UNC-Chapel Hill applications representative to the Internet2 project.

UNC-Chapel Hill Information Technology Services (ITS)

October 2004-August 2005

Acting Assistant Vice Chancellor for Information Technology – Lead the Enterprise Applications division, a team of over 175 information technology professions in support of a comprehensive suite of administrative and academic applications for the University. Manage transition and change during extensive departmental restructuring, while keeping existing projects on track and maintaining staff focus.

UNC-Chapel Hill Administrative Information Services (AIS)

February 2003-September 2004 (Department merged with another campus unit)

Acting Associate Vice Chancellor for Information Technology and Acting Executive Director, Administrative Information Services – Lead Administrative Information Services, a team of 200 information technology professionals with a \$13 million budget, in support of a comprehensive suite of administrative applications for the University.

Selected accomplishments

- Began review of incumbent administrative systems as the first stage of developing a strategy for a possible Enterprise Resource Planning (ERP) implementation.
 - Partnered with Office of Scholarships & Student Aid to conduct strategic assessment of student systems
 - Partnered with Finance and Administration departments to conduct strategic assessment of systems
- Participate as AIS executive manager on a wide variety of campus committees
 - Communicate with key stakeholders from administrative and academic areas
 - Establish project goals in conjunction with administrative and academic customers
 - Active support of the University's Data Warehouse project, including revamping the project management methodology to better manage effort and reach deliverables
- Manage departmental financial resources through two very difficult budget years, with significant reductions to departmental funding.
 - Maintain service levels while cutting staffing levels
 - Leverage one-time funding for capital expenditures in equipment modernization to achieve significant reductions in recurring maintenance charges
- Managed relocation of department staff to alternate facilities during comprehensive building renovation
 - Implemented comprehensive departmental telework policy (first formal telework policy at UNC-Chapel Hill)

April 1996-February 2003

Director, Systems – Chief technical architect for Administrative Information Services. Set strategic technology directions.

Responsibilities

- Manage procurement of hardware and software, including vendor contract negotiations. Brought a 60% increase to computing capacity for most recent

departmental mainframe upgrade, while actually reducing recurring software expenditures.

- Manage staff of 50, supporting OS/390 operating systems and communications, distributed computing (AIX, Linux, Oracle, Sybase, Java-based application servers, network computing, customer LAN support).
- Manage AIS security administrator, oversee development and implementation of security policies, disaster recovery and business continuity plans.

1988-1996

Communications Manager- Managed staff of 25 providing desktop computer support, LAN support and WAN access. Managed communications systems programming (CICS, VTAM and NCP) in an MVS/ESA environment; was senior technical resource for these products. Managed UNIX systems programming; senior technical resource. Managed Sybase support. Implemented TCP/IP networking in department. Installed and managed department's first Web server (1993); developed CGI applications (1994) and created templates to interface Web to MVS server. Developed prototype Java applications to jumpstart application development.

1984-1988

Desktop computer support/Communications Systems Programming - Provided comprehensive support to UNC-Chapel Hill administrative departments in utilization of desktop computers. Installed hardware, software, wrote utility programs, communication programs and provided LAN support. Managed staff consultants. Performed CICS, VTAM and NCP systems programming.

1983-1984

Analyst/Programmer - Designed, specified and coded money market fund management software for UNC-Chapel Hill's investment office. Managed staff programmer.

Sysgen, Inc.

1982-1983

Director, Financial Systems Division - Managed team of installers and product developers to deliver, customize and augment the company's financial accounting systems on all supported platforms. Supervised installations of the product to nationally distributed customers.

1981-1982

Product Developer - Part of dedicated design team charged with writing successor to the company's accounting and payroll systems. Designed, specified and coded the system for IBM System 38 platform. Installed initial customer implementation of the product.

1979-1981

Programmer - Wrote financial accounting, asset management and payroll systems for nationally distributed financial accounting package. Installed, delivered and customized the products. Interfaced with customer management to negotiate product modifications. Designed, specified, coded and installed interactive order-entry/inventory control system for chemical distribution company.