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Serge J. Goldstein, Ph.D.
Associate CIO and Director of Academic Services
Princeton University, OIT

**Summary of
qualifications**

Twenty-five years experience managing IT groups, including: twelve years experience directing the Academic Services department of Princeton University's **Office of Information Technology**, comprising eight operational units; former Associate Director with responsibility for three units; former Manager of a Systems group and a Web services group. Thirty years experience in IT working with students, faculty, administrators and staff to acquire, design, implement, deliver and support instructional and software systems. Responsible for six million dollar operating and capital budgets, and an FTE staff of 50. Responsible for mission-critical University IT systems, including the University's Learning Management System (LMS) and its Content Management Systems (CMS).

Education

1986 Yale University New haven, CT
Ph.D., Anthropology

1979 Yale University New haven, CT
M. Phil., Anthropology

1973 Yale University New haven, CT
B.A., Anthropology (Major), Mathematics (Minor)
▪ Summa Cum Laude

**Professional
experience**

1999 - Present Princeton University Princeton, NJ
Associate CIO and Director of Academic Services, Office of Information
Technology
▪ Supervise a \$6 million budget in support of the University's instructional

and research technology.

- Direct eight managers overseeing 50 full-time and 30 part-time staff providing support for all facets of the use of Instructional and research technology by faculty and students at Princeton University, as follows:
 - *Computational Science and Engineering Support* develops state-of-the-art programs in support of Academic Research Technology and provides central support for research computing, including operation of HPRC clusters and a newly opened (2011), \$50-million HPRC data center.
 - *Educational Technology Center* provides instructional technology support to faculty and students on campus, and includes:
 - *New Media Center*: a walk-in IT lab and consulting space that provides high-end MAC and PC workstations for use by students and faculty working on multi-media presentations.
 - *Humanities Resource Center*: formerly the Language Resource Center, provides a centrally-located facility for supporting faculty who are using IT in their teaching, and includes an electronic classroom.
 - *Blackboard*: The Blackboard team supports the use of our centralized LMS on campus.
 - *Web Development Services*: manages the University's CMS (Roxen, and Drupal), and builds web sites for University departments and programs.
 - *Programming Services* builds, manages and maintains applications for the other groups within AS.
 - *Media Services* handles all of the University's audio, video, slide, overhead, projection, recording and data projection requirements both for classroom and administrative use.
 - *Broadcast Center* supports the academic and administrative use of video and audio on campus, and operates the University's new (as of 2008) high-def broadcast studio. Supports the recording of *Coursera* (online) courses.
 - *Central Office* provides overall direction for other AS units, and includes two sub-groups:
 - *Data Repository Architect* is responsible for strategic planning with respect to the use of repositories for teaching, research and collaboration.
 - *Project Office* uses project management methodology to ensure that all AS projects achieve their objectives on time and on budget, and maintains the AS project portfolio.
- Serve on University committees which oversee the use and support of information technology at Princeton, including the *Classroom Committee* (oversees classroom technology, the academic calendar, and the

academic schedule), the *Committee on Academic Technology* (oversees IT policy and initiatives), the *Faculty Committee on the Library and Information Technology* (oversees all IT operations), and the *Research Computing Advisory Group* (oversees central research computing support).

1995 - 1999 Princeton University Princeton, NJ
Associate Director of Information Services, Manager of Web, Instructional and Media Services

- Directed three managers overseeing 17 full-time and 20 part-time employees providing Web, Instructional Technology and Media Services for the University.

1995 - 1995 Princeton University Princeton, NJ
Manager of Web Services

- Managed 6 full-time staff.
- Oversaw \$1 million operating/capital budget.
- Responsible for University's home page and second-level pages.

1992 - 1995 Princeton University Princeton, NJ
Senior Unix Systems Programmer

- Managed 300+ NeXT (Unix) computers at Princeton University.
- Oversaw \$50K operating/capital budget.
- Managed backups/restores of Unix systems at Princeton University.
- Implemented campus-wide NetInfo network.
- Taught Introduction to Unix and Introduction to Systems Administration.

1994 - 1995 Columbia University NY, NY
Adjunct Professor, Anthropology Department

- Taught graduate-level course in Statistical and Quantitative Methods.
- Advised department on statistical issues.
- Appointment held concurrent with full-time SysAdmin position at Princeton University.

1992 - 1994 City University of New York NY, NY
Adjunct Professor, Anthropology Department

- Taught graduate-level course in Statistical and Quantitative Methods.
- Advised department on statistical issues.

- Appointment held concurrent with full-time SysAdmin position at Princeton University

1986 - 1992 Princeton University Princeton, NJ
Senior VM Systems programmer

- Oversaw and implemented transition from VM/HPO to VM/ESA.
- Maintained 200+ VM system, including coding and installation of local system modifications, and installation of VM service.
- Ported HASP assembler code (User Exits) to MVS/JES3.
- Re-wrote and re-designed first VM-based Web browser.

1981 - 1986 Adessa Corporation Danbury, CT
Consultant and Instructor

- Taught operating systems internal courses on VM and CMS at IBM.
- Wrote a CMS internals one-week course for Adessa, including manual, foils, and all code examples.
- Appointment held concurrent with full-time SysAdmin position at Princeton University

1981 - 1986 City University of New York NY, NY
Manager of VM Systems

- Supervised staff of 5 VM systems programmers.
- Wrote TRACK, widely used assembler-language Virtual Machine tracking facility.
- Supported VM systems at 8 regional CUNY campuses, including installation of service, writing and installation of local modifications.
- Wrote virtual-machine based assembler-language user authentication system.

1982 - 1986 Columbia University NY, NY
Adjunct Professor, Anthropology Department

- Taught graduate-level course in Statistical and Quantitative Methods.
- Advised department on statistical issues.
- Appointment held concurrent with full-time position at CUNY.

1978 - 1982 Yale University New Haven, CT
Systems Programmer

- Manned Help Desk at Yale Computer Center.
- Wrote user documentation on VM and MVS systems.
- Debugged assembler, Fortran and PL/1 user code.

