Dear colleagues, students and friends of the NJIT Libraries:

I am grateful for the opportunity to serve you as University Librarian again in my ninth year at NJIT. There are many new challenges, as well as some old ones that made 2003-2004 both interesting and rewarding.

Our vision is that the library must move closer to the reality of a digital, virtual library with access available anytime, anywhere for the faculty, students, and staff. The constant challenge is to find new and better ways to increase access to more and more scholarly communication and to personalize and customize the processes to assure better quality information and insure easier, faster and more convenient access. Of course, we need to do so creatively within limited budgets. The library is now, more than ever before, an essential part of the learning process of NJIT and it is our exciting niche to focus upon accelerating access to and advance the learning of new knowledge.

In FY 2004, President Altenkirch, former Provost Van Buskirk, and Interim Provost Bloom requested that I present and report on what actions and budget would be needed to improve NJIT library services for FY 2005. This planning and the subsequent FY 2005 budget demonstrated the commitment of the NJIT senior administration to the scholarly communication needs of our researchers as NJIT expands its research and graduate programs as well enhancing library services to undergraduates. This commitment will -- for FY 2005 -- add additional research databases, add electronic and hard copy journals, add new books, as recommended by Middle States, and also add a new Information Literacy Librarian position. It is an important bold commitment to our vision for improved library services.

There were many other accomplishments in FY 2003-2004 including a new web-based science citation database, SCOPUS, that will greatly improve searching access to scientific and technical literature which was made accessible as a demo and was carefully evaluated. In addition, the library greatly increased the number of NJIT theses and dissertations that have been digitized and made available on the web. We submitted, with Michael Bieber of the Information Systems department, an application for a National Science Foundation (NSF) National Science Digital Library (NSDL) grant and also an application for an Institute of Museum and Library Services grant.

We hired three new staff with outstanding credentials:

- Davida Scharf, Director of Reference
- Erin Finnerty, Architecture Library Specialist
- Din Garcia, Library Assistant

In FY 2005, we will certainly see the benefits of many of the FY 2004 initiatives.

As always, I welcome your comments and feedback at sweeney@njit.edu.

Rich Sweeney, University Librarian

NEW JERSEY KNOWLEDGE INITIATIVE

In AY 2003-2004, the State Librarian of New Jersey, Norma Blake, led a group of academic librarians including Rich Sweeney, University Librarian, and proposed legislative budget support for funding science, technology, and business databases in all of the 52 NJ academic libraries, the State Library, four public libraries and in a number of small and NJ start up companies.

We were informed in June 2004 that this will be funded for AY 2004-2005. The Knowledge Initiative will fund databases such as Elsevier’s Science Direct, the Institute of Electrical Engineer’s Electronic Library (IEL), Nature and its research and review journals, MEDLINE, Wiley InterScience, Journals@Ovid, and others. The impact on NJIT faculty and students will be an increase in the number of databases available and some budget relief for databases to which NJIT already subscribes. The final choice of databases will be made in fall 2004, and the database subscriptions will begin in Jan 2005.

INFORMATION LITERACY

NJIT continues to provide information literacy instruction for students and faculty but is also working to develop self-tutorial materials independently as well as through VALE. The goal will be to eventually have online tours of the NJIT library, and tutorials on how to use the different library databases as well as library services.

VALE (Virtual Academic Library Environment of NEW JERSEY)

VALE NJ released its 2002-2003 annual report as a PDF file. VALE is a consortium of NJ academic libraries, working together to further learning and research through innovative and collaborative approaches to information resources and services. The NJIT library is an active and involved member of VALE NJ.


EZ-PROXY FOR REMOTE ACCESS

During FY 2003-2004, the library implemented EZ-Proxy as a new method to allow off-campus, out-of-network users access to NJIT-licensed subscription databases.

Previous proxy and authentication methods had problems (e.g., didn’t work for some AOL or Comcast users; required user to download and install software to home PC, etc.). The EZ-Proxy method is a simple “gateway” page that asks a user to log in using their UCID password and username. Once a user logs in, they are authenticated for all databases until they close all browser windows.

User feedback has shown the new EZ-Proxy method to be a much more user-friendly solution. User frustration and dependence on reference desk and computer help desk support has dropped dramatically.

See www.library.njit.edu/elearning/remote-access.cfm
LIBRARY RESOURCES & MATERIALS

Below is a graph presenting the eight-year history of the NJIT library materials expenditures (and encumbrances). The average subscription price is up over 9% over the seven-year period. According to the annual periodical price survey (Library Journal, Apr 15, 2004), journal subscription prices rose 10.3% from 2003 to 2004. See www.library.njit.edu/njit-only/2004-periodical-price-survey.pdf

Over the last seven years the NJIT library went from about 1,100 hard copy journal subscriptions, article delivery services, and a few hundred online journals to very few hard copy journal subscriptions, very little article delivery, and about 13,000 online journal titles. Note in the graph that in FY 1999 and FY 2000 a special allocation helped fund the journals.

From FY 97 through FY 2001 the hard copy journal budget went from $390,726 to a peak of $477,768. By FY 2003-2004 the ranked journal budget declined to $90,002. During that same time the fulltext database budget increase from $0 to $455,690.

The library has increased the total number of online journals available and accessible through purchasing e-journal database subscription packages (full text). The advantage is that faculty and students get access to many more journal titles: the disadvantage is that some cancelled titles were not part of our packages and are therefore no longer available online.

In the past, faculty could prioritize and select each particular journal title. Now, it is done in bulk or aggregate.

ELECTRONIC THESES AND DISSERTATIONS (ETD)

The online ETD collection grew from 433 to 660 world-accessible NJIT theses and dissertations during the 2003-2004 fiscal year. Researchers, students, and business people from around the world continue to find hits to our ETDs through Google and Yahoo searches and then get immediate full-text content through our ETD server.

During FY 2003-2004 the ETD project outgrew the library's web server. University Computing made a "content" server available with specific volumes dedicated to the ETD project and other library digitization projects. By the end of FY 2003-2004, the ETD project encompassed 157 gigabytes of data on the new archive server.

In May 2004, the library hosted librarians from William Paterson University seeking information for their own ETD start-up.

To see NJIT's ETD's go to www.library.njit.edu/etd

ARCHITECTURE LIBRARY

The Architecture Library introduced e-reserves in FY 2003-2004, adding digitized materials for four classes and for the Siena Summer Program.

See www.library.njit.edu/archlib/class-materials/siena

During FY 2003-2004 the Architecture Library received support from the Knapp Foundation, the Bay Foundation, the Brett Kadish Memorial Fund, and the Barbara Littman Fund which enabled them to establish the Image Lab and to start a rare book collection.
USAGE OF LIBRARY BOOKS BY SUBJECT

The chart below shows the usage of library books in both libraries (main library and Architecture Library) during FY 2003-2004 broken down by Library of Congress subject classification.


JOURNALS

The subscriptions to journals and e-journals (i.e., those ranked by the faculty) continued to decline in FY 2003-2004. This was due to a library materials budget that was almost identical to the previous year and increased subscription prices.

To see what journals were retained or cancelled, see www.library.njit.edu/jranks

88 titles were cancelled in FY 2003-2004. 99 were cancelled in FY 2002-2003. 128 titles were cancelled in FY 2001-2002.

Journals table

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<td>500</td>
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<tr>
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<td>686</td>
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<td>(7 packages)</td>
<td>(6 packages)</td>
<td>(16 packages)</td>
<td>(6 packages)</td>
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<tr>
<td>E-journals only</td>
<td>25</td>
<td>59</td>
<td>134</td>
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<tr>
<td>(6 packages)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Both print &amp; e-journals</td>
<td>48</td>
<td>50</td>
<td>95</td>
</tr>
<tr>
<td>(1 package)</td>
<td>(1 package)</td>
<td>(11 packages)</td>
<td>(11 packages)</td>
</tr>
</tbody>
</table>

Note: Journal titles counted in Database table are in addition to e-journal titles counted in the Journals table.

LIBRARY BOOKS

The Middle States FY 2002 visiting team's accreditation report suggested that the library create a list of books that would have been purchased if the funds were available prior to their visit. In addition, they recommended that the library purchase from 5,000 to 7,000 books per year. As a result, the librarians have been working over the last year to develop a 12,000 book ($1 million) wish list. This list is being created in the hope of finding additional funding sources. (Note that the actual book purchases for a particular year may be delayed from the year when the money is encumbered.)

EXPANSION INTO FORMER ADMISSIONS OFFICE

The Admissions Office vacated the second floor of the CAB (Central Avenue Building) in Oct 2003 and moved into the new East Building. The digital and technical processing staff and operations moved from the first floor of the library to occupy half of that second floor space.

The library is awaiting funding to complete the renovation of the rest of the newly-annexed second floor space and the newly vacated first floor space. The plan remains to expand the number of group study rooms, add seating for reading, expand restroom facilities, and expand an area of the first floor for a “coffee shop-reading area.”

WATER-DAMAGED BOOKS

In Jan 2004, faulty HVAC valves in the Central Avenue Building allowed the interior to get too cold over a weekend in which the library was closed. Consequently, a few pipes froze and burst, wetting several hundred books. Library staff members were able to fan-dry a number of them. Others, however, were soaked through and were assessed as un-savable.

Those 619 books were discarded. Their records were removed from the library’s catalog. A list was given to the Faculty Library Committee and the reference librarians for re-order consideration.

The list is available at www.library.njit.edu/publications/2004-01-wet-books.pdf

NJIT’s insurance carrier determined that the damage was below NJIT’s deductible, so the library saw no insurance money for replacement.

Online database usage continued to increase in FY 2003-2004. The methodology for measuring usage differs from vendor to vendor; thus, we do not have usage data on every database that is comparable across the board. However, more database vendors became COUNTER-compliant last year (COUNTER is a library-vendor standard for measuring database usage).

Nonetheless, even while usage continued to increase, the library was forced to cancel databases because of insufficient available funding.

The current databases can be searched at www.library.njit.edu/databases
ISSUES IN SCHOLARLY COMMUNICATION

The NJIT library continues to follow changes in the world of scholarly publishing. Vendor and publisher “Big Deal” packages (one-price, one size fits all packages in which libraries can’t pick-and-choose individual titles) came under fire this year from a variety of libraries.

Cornell cancelled its big deal package with Reed Elsevier, as did Duke, North Carolina State, and the University of North Carolina. Harvard was considering the same. Faculty members at the University of California system organized a boycott of its libraries’ big deal with Elsevier, although the library was able to eventually negotiate a favorable agreement.

The Public Library of Science, a new venture seeking to counter the rising commercialization and cost of science journals, launched its peer-reviewed open-access e-journal Biology on Oct 13, 2003. PLOS reported so many first-day users, they had to direct some to backup servers. It probably didn't hurt that the New York Times Tuesday Science section featured PLOS research in the week or two prior to the e-journals launch.

In Oct 2003, all of Germany’s principal scientific and scholarly Institutions (including the Max-Planck Society), as well as a number of their counterparts from other countries (such as France’s Centre National de la Rechere Scientifique), signed a Berlin Declaration committing to a series of steps to promote and create open access in scientific and scholarly research.

See www.zim.mpg.de/openaccess-berlin/berlindeclaration.html

Various studies have shown that open-access journals are being cited just as heavily (and in some cases more so) than traditional restricted ones.

Thompson/ISI published one such study in Oct 2004. See www.isinet.com/forms/whitepapers

In Jan 2004, CrossRef dropped DOI retrieval fees for members and affiliates. CrossRef is a cross-publisher reference linking service and metadata repository. More and more publishers are assigning their print and e-articles DOI numbers. These DOI numbers are then able to get users quickly and seamlessly from citations of those articles to the full-text content. The NJIT library uses DOI linking via its OpenURL link resolver LinkFinderPlus (branded as Go Fetch).

See www.library.njit.edu/apps/gofetch

In May 2004, Elsevier publishing announced a policy change whereby they would now permit authors of papers in their journals to post the final editions of those articles to their personal web sites or their institutional repositories (but not to repositories elsewhere). Elsevier requires that open-access copy to be an author-made copy, not Elsevier’s for-publication PDF or HTML copy, and that copy must include a link either to the journal’s home page or the article’s DOI.

This was a significant policy change for the science-technology -medical publishing giant.

The Association of College and Research Libraries has issued a report documenting the rising costs of library materials over the past 17 years. Average journal costs and percentage of library budgets expended on journals rose about 225% during that time. By comparison, the Consumer Price Index increased by 62% during the same period.

For more on issues in scholarly communication, see www.createchange.org

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For more on issues in scholarly communication, see www.createchange.org
LIBRARY STAFF TRANSITIONS

Davida Scharf was hired as the new Director of Reference at the NJIT library. Davida began work on Mar 31, 2004.

Davida, who has her BA from Barnard and library degree from Columbia University, came to NJIT with a wide range of library experiences including having served as Director of the Engineering Societies Library and ESL Information Services, Manager of Corporate Planning at NYNEX Information Access Centers, copy cataloger at Columbia University, and as a self-employed consultant to a number of academic, public, and special libraries.

Her office is in CAB room 1036 and her phone is (973) 642-4397.

Davida performs reference duties, orientations, tours, and classes, acts as liaison to the departments of Computer Science, Information Systems, and Humanities and Social Sciences, supervises the reference librarians, and provides leadership with information literacy. She also serves as part of the library management team which includes Maya Gervits, Doreen Mettle, Jim Robertson, and Richard Sweeney.

Erin Finnerty was hired as the Architecture Library Specialist and began work on Mon, Aug 18, 2003.

Erin had been an Assistant Archivist at the Leo Baeck Institute in New York. She has a Bachelor of Arts degree in Art History from Rutgers University as well as a Master of Library and Information Science degree from the Pratt Institute.

Erin has an experience in library reference service, image cataloging and indexing, database skills, and maintaining and digitizing image collections.

Erin works the evening closing shift (typically 12:30 pm to 8:30 pm) and reports to Maya Gervits, Director of the Architecture Library.

Mike Byrnes resigned as Reference Librarian in Nov 2003 to take a library position at Embry-Riddle Aeronautical University in Arizona. We wish Mike well and hope he is able to still follow his beloved Red Sox and Patriots from the Mountain Time Zone.

Din Garcia was hired as a Library Assistant II in June 2004. Dean works an evening closing-shift and staffs the circulation desk. His primarily work area is to provide processing and support on the library’s digital projects, such as our ETD (Electronic Theses and Dissertations) project. Din also helped out in our Interlibrary Loan department in late summer 2004 covering for a staff member out on medical leave.

Din is a 2003 graduate of the University of Pennsylvania, where he was a computer lab manager, active in the campus radio station, and a member of student government.

STAFF PROFESSIONAL AND PERSONAL ACTIVITIES:

Matt Brown attended the Society of American Archivists’ two-day certificate course on XSLT in NYC, Sep 2003. He also attended the Endeavor EndUsers meeting in Chicago, IL, Apr 2004, and the NDLTD’s 7th International Conference on ETD’s (Electronic Theses and Dissertations) in Lexington, KY, Jun 2004.

Jim Robertson, Assistant University Librarian, presented a talk at the annual Endeavor Users Conference in Apr 2004 in Chicago and at the Mid-Atlantic Endeavor Users Conference in Oct 2003 in Princeton on using ColdFusion to mine the Endeavor Voyager system database and his work on creating a management module for the system.

Jim Robertson was elected to the Endeavor Circulation Module Enhancement Committee for a two-year term of 2004-2005.

Jim Robertson presented a talk entitled Copyright, Fair Use, and the TEACH Act at the Ethics and Legal Issues Symposium, held at the College of St. Elizabeth, Convent Station, on Dec 3, 2003.
Jim Robertson presented a talk entitled Copyright, Fair Use, and the TEACH Act at the Ethics and Legal Issues Symposium, held at the College of St. Elizabeth, Convent Station, on Dec 3, 2003.


Rich Sweeney, University Librarian, gave two presentations at the American Library Association Conference in Orlando in June, 2004. The first presentation on Sat, Jun 26, 2004, was sponsored by the Public Library Association Marketing Committee and entitled Creating WOW! Library Services for a New Generation: the Millennials. Following his presentation, he led a panel of Millennials, ages 18 to 25, in front of a large audience. Rich has conducted such focus group panels in front of live audiences now in eight states. His second presentation was at a session entitled Disappearing libraries and invisible librarians: the impact of the print to digital transformation on library structure, services, and functions over the next 10 years. Rich’s title was The Accelerated Learning Scenario: A Vision for Academic Libraries.

Copies of Rich’s PowerPoint presentations can be found at his web site at www.library.njit.edu/staff-folders/sweeney

Bruce Slutsky attended the American Chemical Society National Meeting in Sep 2003. He is the editor of the e-newsletter for the ACS Division of Chemical Information. He is also the convener of a science librarians special interest group with the New York Metropolitan Library Council (METRO).

Bruce Slutsky organized a vendors roundtable discussion of science databases for academic libraries at the VALE annual meeting in Jan 2004.


Users

During FY 2003-2004, 3,464 new user accounts were loaded into the library’s Voyager circulation system via weekly feeds from the campus’s HR and SIS systems. 1,565 of those users applied for and received a barcode for borrowing books. 1,115 of those users borrowed at least one book.

At the close of FY 2003-2004 (Jun 30, 2004) at total of 36,987 accounts were in the Voyager system. By that day, 19,086 accounts had barcodes for book borrowing. By that day, 7,795 had borrowed at least one book.

Statistics

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<tr>
<td>Hours open in a typical week</td>
<td>93 (spring semester); 91 (fall semester)</td>
<td>91</td>
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<tr>
<td>User visits to the library</td>
<td>* 574,943</td>
<td>478,425</td>
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<td>Reference transactions</td>
<td>10,980</td>
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<tr>
<td>Presentations, classes, &amp; orientations</td>
<td>101</td>
<td>101</td>
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<tr>
<td>Attendance all presentations</td>
<td>2,077</td>
<td>2,077</td>
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<tr>
<td>General circulation</td>
<td>* 55,780</td>
<td>40,493</td>
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<tr>
<td>Reserve circulation</td>
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<tr>
<td>Items borrowed from other libraries</td>
<td>2,301</td>
<td>2,189</td>
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<tr>
<td>Items lent to other libraries</td>
<td>457</td>
<td>307</td>
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* Corrected from last year’s reported figures

Archives

In the fall of 2003, the NJIT archives digitized the 1953 yearbook and placed it on the web in conjunction with the 50th anniversary of the class of 1953’s visit to the campus during reunion week.

See the yearbooks at www.library.njit.edu/archives

Most NJIT professional librarians attended the annual VALE User Conference in Jan 2004 at Rutgers.
DATABASE USAGE REPORT (FULLTEXT DATABASES ONLY)

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<td>870</td>
<td>1,269</td>
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<td>13,844</td>
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</tr>
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</table>

LIBRARY SUBJECT SPECIALISTS AND DEPARTMENT LIAISONS

Advanced Engineered Particulate Materials  | Bruce Slutsky | slutsky@adm.njit.edu | (973) 642-4950 |
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Transportation  | Bruce Slutsky | slutsky@adm.njit.edu | (973) 642-4950 |
Wireless Communications and Networking  | Haymwantee Singh | singhh@adm.njit.edu | (973) 596-8498 |