NJIT BOARD OF TRUSTEES
Thursday, June 5th, 2008
PUBLIC SESSION MEETING

NJIT
New Jersey's Science & Technology University

PLEASE BRING TO MEETING

OFFICE FILE
NEW JERSEY INSTITUTE OF TECHNOLOGY
BOARD OF TRUSTEES PUBLIC SESSION
June 5, 2008, 11:00 AM

Call to Order

1. Notice of Meeting to Public (Statement to be read by the Chair, a requirement of the NJ Open Public Meeting Act)

2. Minutes
   A. Approve minutes of the April 10, 2008 meeting of the Board of Trustees

3. Public Comments

4. Planning Committee
   A. NJIT Campus Gateway Plan
   B. Discussion of enrollment management/growth strategies and projections for 2008 – 2009

5. Audit and Finance Committee
   A. Status of Budget, Tuition and Fee Schedule for FY 2009
   B. Operating Statement Year to Date
   C. Schedule of Short Term Investments
   D. Approve Resolution to Authorize Expenditure for Electricity and Natural Gas for FY 2009
   E. Approve Resolution to Renew Student Health Insurance
   F. Approve Resolution to Update Bank and Financial Institutions Account Authorizations
   G. Approve Resolution to Authorize Project Cost for Implementation of new Enterprise Resource Planning (ERP) Information Systems (administrative computing systems)
   H. Status of purchase of Central High School

6. Academic Affairs and Research Committee
   A. Approve Promotion and Tenure Recommendations for 2007 – 2008
   B. Approve Resolution to Authorize Exclusive License of University Intellectual Property to a subsidiary of Intellectual Ventures
   C. Approve Resolution to Change the Name of the Otto H. York Department of Chemical Engineering to the Otto H. York Department of Chemical, Biological, and Pharmaceutical Engineering
   D. Approve Resolution to Establish the BA Degree in Law, Technology and Culture

7. Advancement Committee
   A. Report of Gifts and Fund Raising Activities
   B. Fund Raising Growth Strategies

Announcement of Next Meeting

Chair to read resolution regarding Closed Session to discuss Personnel, Real Estate and Contract Matters to be held on Thursday, July 17, 2008, 9:30 AM, Eberhardt Hall NJIT Alumni Center Board Room.

Announce next public meeting: Thursday, July 17, 2008, 11:00 AM, Eberhardt Hall NJIT Alumni Center Board Room.

Adjourn Public Meeting
New Jersey Institute of Technology
--innovative, entrepreneurial, engaged

Mission

NJIT is the state’s technological research university, committed to the pursuit of excellence —

- in undergraduate, graduate, and continuing professional education, preparing students for productive careers and amplifying their potential for lifelong personal and professional growth;

- in the conduct of research with emphasis on applied, interdisciplinary efforts encompassing architecture, the sciences, including the health sciences, engineering, mathematics, transportation and infrastructure systems, information and communications technologies;

- in contributing to economic development through the state’s largest business incubator system, workforce development, joint ventures with government and the business community, and through the development of intellectual property;

- in service to both its urban environment and the broader society of the state and nation by conducting public policy studies, making educational opportunities widely available, and initiating community-building projects.

NJIT prepares its graduates for positions of leadership as professionals and as citizens; provides educational opportunities for a broadly diverse student body; responds to needs of large and small businesses, state and local governmental agencies, and civic organizations; partners with educational institutions at all levels to accomplish its mission; and advances the uses of technology as a means of improving the quality of life.

Vision

A preeminent technological research university known for innovation, entrepreneurship, and engagement.
1. Notice of Meeting to Public
BOARD OF TRUSTEES

STATEMENT TO BE READ AT THE OPENING OF EACH
MEETING OF THE BOARD OF TRUSTEES

"NOTICE OF THIS MEETING WAS PROVIDED TO THE PUBLIC
AS REQUIRED BY THE NEW JERSEY PUBLIC MEETING ACT, IN
THE SCHEDULE OF MEETING DATES OF THE BOARD OF
TRUSTEES OF THE NEW JERSEY INSTITUTE OF TECHNOLOGY
WHICH WAS MAILED TO THE STAR LEDGER, THE HERALD NEWS,
AND THE VECTOR ON MARCH 16, 2007. THIS SCHEDULE WAS
ALSO MAILED TO THE COUNTY CLERK ON MARCH 16, 2007 FOR
FILING WITH THAT OFFICE AND POSTING IN SUCH PUBLIC
PLACE AS DESIGNATED BY SAID CLERK."
2A. Approve Minutes of the April 10, 2008 Meeting of the Board of Trustees
1. The meeting was called to order by Chairperson Wielkopolski, at 12:05 p.m. Other Trustees in attendance were Vice Chair Burns, and Board Members Bone, Beachem, Cistaro, DeCaprio, DePalma, Garcia, Knapp, Montalto and Samuel. Also in attendance were President Altenkirch, Mr. Mauermeyer, Board Treasurer, and Ms. Holly Stern, Board Secretary.

In accordance with the New Jersey Open Public Meeting Act, the Chairperson read the following statement:

"Notice of this meeting was provided to the public as required by the New Jersey Meeting Act, in the schedule of meeting dates of the Board of Trustees of New Jersey Institute of Technology which was mailed to the Star Ledger, The Herald News and Vector on March 16, 2007. The Schedule was also mailed to the City Clerk of Newark on March 16, 2007, for filing with that office and posting in such public place as designated by said Clerk."

2. BY A MOTION DULY MADE BY MR. BONE, SECONDED BY MR. BURNS AND UNANIMOUSLY PASSED, the minutes of the February 7, 2008 meeting were approved.

3. BY A MOTION DULY MADE BY DR. DeCAPRIO, SECONDED BY MS. GARCIA AND UNANIMOUSLY PASSED, the Board voted to approve the Resolutions on New Academic Programs:

   BA in Digital Design
   MS in Biostatistics
   BS in Computational Sciences
   BS in Enterprise Development
   BS in International Business
   MS in International Business
   BS in Business and Information Systems
   MS in Business and Information Systems
   MS in Emergency Management and Business Continuity
   MS in Power and Energy Systems
   MS in Bioelectronics
   MS in Healthcare Systems Management
4. BY A MOTION DULY MADE BY MR. SAMUEL, SECONDED BY MR. KNAPP, AND UNANIMOUSLY PASSED, the Board vote to approve the Resolution to Change the Name of the Department of Industrial and Manufacturing Engineering.

5. BY A MOTION DULY MADE BY MR. KNAPP, SECONDED BY MR. SAMUEL AND UNANIMOUSLY PASSED, the Board voted to approve the Resolution to Authorize Exclusive License of University Intellectual Property.

6. Sr. Vice President Sebastian gave a report on Research Growth Strategies, which is a midterm report. There is not a great deal of change since November, though new awards expected to transpire have been made. He described the primary funding sources and the grants made. The FY '08 numbers are difficult to predict, as we expect a year-end increase in activity. FY '08 activities were reviewed, which included renewal of FY '08 federal appropriations; assisting the NJ Stem Cell Bond legislation efforts; expansion of Newark Life Science Partnerships; NSF-ERC relationships, stabilizing NJ Homeland Security Funding and building on Liberty Corridor. This year 5 to 7% growth is projected, bringing NJIT total research expenditures to the level of $90 million.

7. Jean Feeney, Ethic Liaison Officer, presented training to the Board on State Ethics legal and regulatory requirements. She discussed the material that had been previously circulated to the Trustees.

8. President Altenkirch gave an update on the FY '09 budget; there is currently a projected shortfall of $8.5 million. To put matters in context, New Jersey has the lowest increase in appropriations to higher education of all 50 states; in fact, there is a decrease. The tuition and fee increases track the budgeted salary increases. We made midyear adjustments in FY '08 to anticipate the impact of the shortfall. As planned when we refinanced our bonds, the debt service is increasing, after several years of reduced payments. Even with a potential increase in tuition of 8%, and an enrollment increase, we are about $5 million short. As a result, we began to reduce expenditures this year, and froze vacant positions. There currently is no more money for capital projects without borrowing. The general feeling in the higher education sector is that tuition rates will increase by 8% at public universities.

9. President Altenkirch reported on the status of the purchase of Central High School. The contract has been signed by NJIT and the Newark School Board, and we are in the process of getting our appraisal to exchange with Newark Public Schools. Once we set price and make the deposit, we can focus on the actual closing date.

10. President Altenkirch reported on the status of the Campus Gateway Plan. On March 31, 2008, the City Council designated NJIT as the redeveloper of the footprint. We are a subset of a broader plan that goes before the City Council in
June, then to the Planning Board; then back to the Council to have an approved plan. Jones Lang LaSalle can then solicit investors and redevelopers. Though the process is moving slower than anticipated, progress is being made.

11. Sr. Vice President Mauermeyer reported on the Facilities Master Plan, referring to the executive summary that was distributed with the Board materials. He described the constraints on development and the points raised in the executive summary. This is a reasonably phased approach for building a case statement for both fundraising and State support.

12. President Altenkirch discussed the Strategic Plan/Planning progress. In terms of stated goals, the research program is going very well. Some areas of attention include the area of balancing the need for growing enrollment and balancing SAT scores; another potential area is to increase alumni giving.

13. Vice President Johnson reported on NCAA activities. He explained that we are currently conducting a self study required by the NCAA as part of the process of moving to Division I. An 18 month process is nearly completed, with the goal of producing a report by May 1, 2008. In September, there will be a peer review team sent by the NCAA, akin to a Middle States accreditation visit. By February 2009 we will hear if we have been accepted, and what conditions if any may be applied. We have retained a consultant to assist the university in the report writing process.

14. Sr. Vice President Mauermeyer updated the Board with respect to the Operating Statement Year to Date and the Schedule of Short Term Investments. We are currently about 2/3 of the way through the year, and the revenue picture is on target. We believe that we will receive the full State appropriation. Financial aid for students is up. With respect to the Schedule of Investments, there are little new funds beyond the appropriations expected for the remainder of the fiscal year, and it is anticipated that these funds will work down.

15. Vice President Dees reported on gifts and fundraising strategies. We are doing well; gifts are up 68% in dollars; and 10% in the number of donors. We have already raised 139% of that received in all of 2007.

16. The Chairperson announced that the next scheduled closed session would be convened on Thursday, June 5, 2008, at 9:30 AM, at Eberhardt Hall Alumni Center Board Room, to discuss personnel, real estate and contract matters. The following resolution was read and approved by all Trustees present.

WHEREAS, there are matters that require consideration by the Board of Trustees that qualify under the Open Public Meetings Act for discussion at a Closed Session;
NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees shall have a Closed Session to discuss such matters as personnel, real estate and contract matters on Thursday, June 5, 2008 at 9:30 AM, Eberhardt Hall Board Room.

The next Public Session of the Board will take place on Thursday, June 5, 2008 at 11:00 AM, Eberhardt Hall Board Room, following the Closed Session of the Board.

The meeting was adjourned at 12:40 p.m.
3. Public Comments
4A. NJIT Campus Gateway Plan
Resolution of the City of Newark, N.J.

NO. 7R-3-(S)

Date of Adoption: MAR 31 2008

WHEREAS, the City of Newark ("City") has been promoting the redevelopment of various portions of the City; and

WHEREAS, the New Jersey Institute of Technology is a state university of the State of New Jersey having its offices at University Heights, Newark, New Jersey 07102-1982 ("NJIT"), and

WHEREAS, the entire City of Newark was designated as an "Area In Need of Rehabilitation" pursuant to the Local Redevelopment and Housing Law, N.J.S.A. 40A:12A-1 et seq.; and

WHEREAS, the properties known as Block 43, Lots 1, 4, 10, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, 34, 35, 36, 37, 38, 39, 40, 41, 46, 48, 50, 51, 52, 60, 61; Block 2857, Lots 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30; Block 2858, Lots 1, 2, 10, 12, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 34, 35, 36, 37, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61; Block 384, Lot 1; Block 2828, Lots 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 34, 35, 37, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61; Block 2830, Lot 1; Block 2831, Lots 3, 5, 6, 13, 18; Block 389, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 34, 35, 36, 46, 47, 48, 49, 51, 53; Block 40, Lots 1, 2, 301, 302, 401, 402, 5, 6, 7, 101, 102, 8, 9, 10, 101, 102, 11, 12, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 32, 35, 36, 37, 38, 42, 47, 48, 52, 52, 52, 52, 53; Block 41, Lots 1, 3, 32, 33, 34, 35, 36, 302, 62, 65, 66, 69, 70, 72, and Block 42, Lot 44 in the City of Newark, New Jersey ("Property" or "NJIT Gateway Plan Area") are contained in a plan prepared by NJIT, entitled the "NJIT Campus Gateway Redevelopment Concept Plan" (the "NJIT Plan"), which is attached hereto as Exhibit A and made a part hereof; and

WHEREAS, NJIT owns real property within the NJIT Gateway Plan Area; and

WHEREAS, NJIT has committed to abstain from using eminent domain within the NJIT Gateway Plan Area; and

WHEREAS, NJIT intends to begin negotiating a Redevelopment Agreement with the City, however additional time is required to finalize these matters;

WHEREAS, The City is developing a comprehensive redevelopment plan for the area bounded by I-280, Nesbit, Central Avenue and McCarter Highway entitled the "Broad Street Station Area Redevelopment Plan" of which the programmatic elements of the NJIT Plan attached hereto as Exhibit A will be a substantially consistent subset; and

WHEREAS, a public hearing will thereafter be held before the Central Planning Board to present the Broad Street Station Area Redevelopment Plan for the NJIT Gateway Plan Area, and to request that the Central Planning Board make recommendations to the Municipal Council concerning
WHEREAS, the resolution of the Central Planning Board shall constitute the Central Planning Board's report to the Municipal Council. Among other things, the Central Planning Board may conclude that the Broad Street Station Area Redevelopment Plan permits vacant, deteriorated, or obsolete property to return to full productivity by creating new appropriate development opportunities; and

WHEREAS, in response to the recommendation and report of the Central Planning Board, the Municipal Council may approve and adopt an Ordinance approving the Broad Street Station Area Redevelopment Plan of which the programmatic elements of the NJIT Plan attached hereto as Exhibit A will be a substantially consistent subset; and

WHEREAS, to realize the implementation of the Broad Street Station Area Redevelopment Plan, the City will serve as the redevelopment entity responsible to implement and carry out the redevelopment projects in the NJIT Gateway Plan Area pursuant to N.J.S.A. 40A:12A-4(c); and

WHEREAS, the NJIT Plan is designed to redevelop the NJIT Gateway Plan Area by constructing and/or rehabilitating structures which may include (1) residential; (2) retail; (3) hotel; (4) medical; and (5) parking uses designed to further serve the needs of existing resident and institutional communities; and

WHEREAS, the NJIT Plan is designed to redevelop certain properties currently utilized by NJIT to be used for academic and sorority/fraternity residential and community meeting uses; and

WHEREAS, the NJIT Plan is designed to be compatible with other nearby redevelopment projects; and

WHEREAS, the NJIT Plan is versatile in that it can accommodate flexibility in the private marketplace for appropriate uses and be consistent with the multiple plans that will comprise the Broad Street Station Area Redevelopment Plan over time; and

WHEREAS, pursuant to N.J.S.A. 40A:12A-8(l), the City is authorized to arrange or contract with developers for the planning, replanning, construction, rehabilitation or undertaking of any redevelopment project; and

WHEREAS, NJIT submitted the NJIT Plan to the City of Newark, Department of Economic and Housing Development, outlining its plan for the redevelopment of the NJIT Gateway Plan Area, and provided its qualifications to serve as the City’s designated redeveloper of the NJIT Gateway Plan Area; and

WHEREAS, NJIT has demonstrated its qualifications to serve as the City’s sole and exclusive redeveloper of the NJIT Gateway Plan Area in accordance with the New Jersey Local Redevelopment and Housing Law, in connection with the clearance, planning, replanning, development and redevelopment of the area; and

WHEREAS, based on its review of the NJIT Plan and presentations made by representatives of NJIT, the City determined that NJIT and its consultants have the experience and financial capabilities to carry out the redevelopment of the NJIT Gateway Plan Area; and

WHEREAS, NJIT has agreed to cause certain improvements to be made in the NJIT Gateway Plan Area in accordance with the NJIT Plan and, if approved, the Broad Street Station Area Redevelopment Plan, which may include the construction or rehabilitation of structures for (1) residential; (2) retail; (3) hotel; (4) medical; and (5) parking uses (hereinafter referred to as the “Redevelopment Project” or “Project”); and

WHEREAS, improvements to be made in the NJIT Gateway Plan Area may also include, on properties currently utilized by NJIT, structures for academic and sorority/fraternity residential and community meeting uses; and
WHEREAS, the NJIT Plan has been reviewed by the City and has been found to substantially further the City's goals for redevelopment of the NJIT Gateway Plan Area for producing mixed-use development that supports transit-oriented development; and

WHEREAS, in order to implement the development, financing, construction, operation and management of the Redevelopment Project, the City has determined to enter into a Redevelopment Agreement with NJIT (the "Redevelopment Agreement" or "Agreement"), which Redevelopment Agreement will specify the rights and responsibilities of the City and NJIT with respect to the Project; and

WHEREAS, the development of the NJIT Gateway Plan Area creates an opportunity for the employment of City residents and local and qualified minorities and for minority and female owned business enterprises; and

WHEREAS, NJIT has made a commitment to the City to employ City residents and qualified minorities and to utilize minority and female-owned business enterprises to the extent possible, in the development, design, construction and operation of the Redevelopment Project, which commitment will be memorialized in a Redevelopment Agreement and will be aggressively monitored by the City to ensure full compliance therewith; and

WHEREAS, in order to enhance the economic viability of the Project, the City will consider entering into a Financial Agreement with NJIT, which will govern payments made by NJIT to the City in lieu of real estate taxes on the Redevelopment Project pursuant to N.J.S.A. 40A:20-1 et seq., N.J.S.A. 40A:21-1 et seq., or any other mechanism pursuant to New Jersey law; and

WHEREAS, the City aims to honor the expert work and community input that has shaped the NJIT Plan's program and objectives.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Municipal Council of the City of Newark:

1. That it hereby designates NJIT as the sole and exclusive redeveloper for the properties known as Block 43, Lots 1, 4, 10, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, 34, 35, 36, 37, 38, 39, 40, 41, 46, 48, 50, 51, 52, 60, 61; Block 2857, Lots 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30; Block 2858, Lots 1, 2, 10, 12, 14, 15, 16, 18, 20, 23, 43, 45, 50; Block 372, Lots 1, 5, 6, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 22, 24; Block 384, Lot 1; Block 2828, Lots 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 34, 35, 37, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61; Block 2830, Lot 1; Block 2831, Lots 3, 5, 6, 13, 18; Block 389, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 34, 35, 36, 37, 46, 47, 48, 49, 51, 53; Block 40, Lots 1, 2, 3, 10, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 47, 48, 49, 50, 51, 52, 53; Block 41, Lots 1, 3, 32, 33, 34, 35, 36, 62, 65, 66, 69, 70, 72; and Block 42, Lots 44 in the City of Newark, New Jersey, subject to the following conditions, where time is of the essence:

a. The City Central Planning Board and Municipal Council adopt the Broad Street Station Area Redevelopment Plan of which the programmatic elements of the NJIT Plan attached as Exhibit A will be a substantially consistent subset; and

b. That NJIT and the City of Newark negotiate and agree upon the terms and conditions of a Redevelopment Agreement within 60 days of adoption of the Broad Street Station Area Redevelopment Plan.

c. That upon completion of negotiations on a Redevelopment Agreement the City shall submit the proposed Redevelopment Agreement to the City Municipal Council for their review and consideration.

2. A copy of this resolution shall be placed on file in the Office of the City Clerk by the Department of Economic and Housing Development.
3. This resolution shall take effect immediately.

STATEMENT

Resolution Authorizing the Conditional Designation of New Jersey Institute of Technology as Redeveloper of Certain Properties Commonly Known as Block 43, Lots 1, 4, 10, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, 34, 35, 36, 37, 38, 39, 40, 41, 46, 48, 50, 51, 52, 60, 61; Block 2857, Lots 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30; Block 2858, Lots 1, 2, 10, 12, 14, 15, 16, 18, 20, 23, 43, 45, 50; Block 372, Lots 1, 5, 6, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 22, 24; Block 384, Lot 1; Block 2828, Lots 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 34, 35, 37, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61; Block 2830, Lot 1; Block 2831, Lots 3, 5, 6, 13, 18; Block 389, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 32, 33, 34, 35, 36, 46, 47, 48, 49, 51, 53; Block 40, Lots 1, 2, 3, 0, 3, 0, 4, 0, 2, 0, 2, 0, 5, 6, 7, 0, 1, 7, 0, 2, 8, 0, 1, 9, 0, 1, 1, 0, 2, 1, 1, 2, 1, 6, 1, 7, 1, 8, 1, 9, 20, 21, 22, 23, 25, 32, 35, 36, 37, 38, 42, 47, 48, 52, 0, 1, 5, 0, 2, 5, 3; Block 41, Lots 1, 3, 3, 2, 3, 3, 3, 3, 3, 3, 3, 6, 6, 6, 6, 6, 6, 7, 7, 7, 7, 7, 7; and Block 42, Lot 44

For the Development of a Mixture of Public and Private Uses.

CERTIFIED TO
BY ME THIS
MAR 31 2008

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<table>
<thead>
<tr>
<th>RECORD OF COUNCIL VOTE ON FINAL PASSAGE</th>
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<tbody>
<tr>
<td>Council Member</td>
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☑ Indicates Vote
AB - Absent
NV - Not Voting

Adopted at a meeting of the Municipal Council of the City of Newark, N.J.
MAR 31 2008

President of the Council

City Clerk

This Resolution when adopted must remain in the custody of the City Clerk. Certified copy attached. A1
April 24, 2008

Dear NAME,

Now that the Newark City Council has appointed NJIT as the re-developer of the area along Dr. Martin Luther King Blvd, generally from Central Ave to Orange St., we are able to move forward with our efforts to revitalize the neighborhood using the draft Gateway Plan developed by Jones Lang LaSalle. The plan was developed with NJIT community, neighborhood and city input. The plan protects the area adjacent to our campus from piecemeal and haphazard development.

While the Gateway Plan encompasses many projects, one aspect has been the creation of a NJIT Greek Village for fraternities and sororities. The proposed location for the Village is currently NJIT Parking Lot 16, bordering Raymond Boulevard, Warren and Colden Streets.

Over the past two years, there has been some background research, site visits, discussion and multiple meetings about the Greek Village with representatives of the Greek organizations and the university. As a result of the re-developer designation, it is now timely to develop more specific, detailed information about a prospective Greek Village at NJIT. We need to determine some specifics of possible design, finance and governance.

In order to develop these specifics for a prospective NJIT Greek Village, it is necessary to create a task force comprised of stakeholders who can bring to the table their knowledge and expertise. The goal of the task force is to gather information, consider options, and develop a framework including but not limited to design, finance and governance for a NJIT Greek Village. The framework will then be presented for subsequent review, study and consideration by our Greek organizations and by alumni corporations for them to further discuss their individual options for possible participation in the Village.

As such, we would very much appreciate it if you would consider becoming a member of the Greek Village Task Force. We anticipate several meetings between now and October '08 with the production of a draft plan by the end of September. Your involvement, your time and your input would be of great value to us.

Please contact me at 973 596-6476 (office) or 201 306-7995 (cell) with any questions or concerns you may have and thank you for your consideration. Please email me your reply about participation as well as your availability for an initial meeting either May 28 or June 2, 5:30-7:30pm. Thank you.

Most Sincerely,

Joel Bloom
Vice President.
Academic and Student Services
Strategies and Tactics to Increase Enrollment, 2008-2010

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<th>Actual Enrollments</th>
<th>Projected Enrollments</th>
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By fall 2010, enrollment is projected to increase by 1266 students, an increase of 15% from fall 2005.

The additional strategies to achieve the continued growth over the next two years include:
1. Increasing undergraduate out-of-state and new program enrollments.
2. Increasing graduate domestic and international enrollments.
3. Improving retention of continuing and newly admitted students.

The tactics to implement these strategies will include, but not be limited to:
A. Expanding out-of-state recruiting for FTFTF and transfer students (regionally, nationally and internationally, 2+2 programs with select institutions).
B. Increasing marketing of new programs statewide and nationally.
C. Continuing to increase APT (non-SAT) admits to approximately 125 students.
D. Reviewing and revising General University Requirements (GUR) for non-STEM (Science, Technology, Engineering, Mathematics) undergraduate admits.
E. Increasing DL (distance learning) graduate certificate and degree programs.
F. NJIT Honors and undergraduate students with CGPA of 3.5 or higher are automatically admitted with fellowship MS awards.
G. Joint degree programs with select domestic and international undergraduate institutions for BS/MS.
H. Continuing to focus on First-Year Connections, reducing NJIT remediation and academic advising.

Resource needs: purchased prospective student lists, customer resource management system (CRM), publications/advertising, travel and receptions—nationally and internationally, admissions and counseling staff (APT, EOP, DOS), scholarships/fellowships, and differentiated tuition.
5A. Status of Budget, Tuition and Fee Schedule for FY 2009
Net Present Value of Base Appropriation and Tuition & Fee Income per FTE FY94-08

- Net Present Value of State Base Appropriations Per Full-Time Equivalent Students
- Net Present Value Tuition & Fee Income Per Full-Time Equivalent Student
- Net Present Value Tuition, Fee & Base State Appropriation Per Full-Time Equivalent Student
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<th>Expense Change</th>
<th>Net Change</th>
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<td>Strategic Plan-Student Recruiting</td>
<td>$3,174</td>
<td>$1,481</td>
<td>$1,693</td>
</tr>
<tr>
<td>Strategic Plan-Quality of Life</td>
<td>$550</td>
<td>$1,026</td>
<td>($476)</td>
</tr>
<tr>
<td>Strategic Plan-Private Resources/National Programs</td>
<td>$993</td>
<td>($993)</td>
<td></td>
</tr>
<tr>
<td>Strategic Plan-Research</td>
<td>$370</td>
<td>$150</td>
<td>$220</td>
</tr>
<tr>
<td>Total Recurring</td>
<td>$205,446</td>
<td>$201,630</td>
<td>$3,816</td>
</tr>
<tr>
<td>Transfer to Plant for capital projects</td>
<td>$3,816</td>
<td>($3,816)</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$205,446</td>
<td>$205,446</td>
<td>$0</td>
</tr>
<tr>
<td>Action</td>
<td>Revenue Change</td>
<td>Expense Change</td>
<td>Net Change</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>----------------</td>
<td>----------------</td>
<td>------------</td>
</tr>
<tr>
<td>FY08 Unrestricted Budget @7/1/07</td>
<td>$196,997</td>
<td>$196,997</td>
<td>$0</td>
</tr>
<tr>
<td>FY08 Mid-year Adjustments</td>
<td>$1,038</td>
<td>$1,038</td>
<td>$0</td>
</tr>
<tr>
<td>FY08 Adjusted Unrestricted Budget</td>
<td>$198,035</td>
<td>$198,035</td>
<td>$0</td>
</tr>
<tr>
<td>Eliminate one-time funds for recurring expenditures</td>
<td>($470)</td>
<td>($470)</td>
<td></td>
</tr>
<tr>
<td>Eliminate FY08 one-time expenditures</td>
<td>($1,297)</td>
<td>($1,297)</td>
<td>$0</td>
</tr>
<tr>
<td>Eliminate FY08 carry forward Capital Budget</td>
<td>($3,800)</td>
<td>($3,800)</td>
<td>$0</td>
</tr>
<tr>
<td>Eliminate FY08 one-time rebudgeted items</td>
<td>($588)</td>
<td>($588)</td>
<td>$0</td>
</tr>
<tr>
<td>Intellectual Property</td>
<td>($240)</td>
<td>($240)</td>
<td>$0</td>
</tr>
<tr>
<td>CPE Non-Credit Programs</td>
<td>($165)</td>
<td>($165)</td>
<td>$0</td>
</tr>
<tr>
<td>Adjusted FY09 Base Budget</td>
<td>$191,475</td>
<td>$191,445</td>
<td>($470)</td>
</tr>
<tr>
<td>State base appropriation reduction</td>
<td>($6,412)</td>
<td>($6,412)</td>
<td>From $49,097 to $42,685</td>
</tr>
<tr>
<td>Additional debt service</td>
<td>$1,654</td>
<td>$1,654</td>
<td></td>
</tr>
<tr>
<td>Physical Plant Operations</td>
<td>$1,052</td>
<td>($1,052)</td>
<td>Inc 15% utility rate/usage increase</td>
</tr>
<tr>
<td>Estimated salary program</td>
<td>$4,200</td>
<td>($4,200)</td>
<td>Estimated from State contracts</td>
</tr>
<tr>
<td>Fringe Benefits</td>
<td>$2,136</td>
<td>$2,310</td>
<td>($174)</td>
</tr>
<tr>
<td>Projected Fringe Rates (FY09 rate pending DHHS approval)</td>
<td>$2,100</td>
<td>$2,100</td>
<td></td>
</tr>
<tr>
<td>FY08 personnel vacancy carry forward</td>
<td>$1,449</td>
<td>$1,449</td>
<td>$0</td>
</tr>
<tr>
<td>Funds in vacant positions held open as of 3/11/08 thru 6/30/08</td>
<td>$931</td>
<td>$931</td>
<td></td>
</tr>
<tr>
<td>FY08 one-time reserve carry forward</td>
<td>$931</td>
<td>$931</td>
<td></td>
</tr>
<tr>
<td>One-time carry forward of FY08 savings</td>
<td>$895</td>
<td>$895</td>
<td></td>
</tr>
<tr>
<td>5% tuition &amp; fee increase</td>
<td>$7,044</td>
<td>$7,044</td>
<td>9% Gross Increase</td>
</tr>
<tr>
<td>Early retirement carry forward</td>
<td>$1,734</td>
<td>$1,734</td>
<td>FSIP obligation accrued in FY07</td>
</tr>
<tr>
<td>FY09 sabbatical savings</td>
<td>$296</td>
<td>$296</td>
<td>Obligated for only 80% of year-long sabbatical salaries</td>
</tr>
<tr>
<td>Operating expenditure reduction</td>
<td>($762)</td>
<td>$762</td>
<td>5% non-instructional non-personnel reduction</td>
</tr>
<tr>
<td>Adjust faculty expenditure reduction</td>
<td>($500)</td>
<td>$500</td>
<td>Software class scheduling for efficiency</td>
</tr>
<tr>
<td>FY09 one-time faculty vacancies</td>
<td>($384)</td>
<td>$384</td>
<td>Release for fall FY10 hiring</td>
</tr>
<tr>
<td>FY09 staff vacancies</td>
<td>($1,237)</td>
<td>$1,237</td>
<td></td>
</tr>
</tbody>
</table>

**Strategic Plan: Student Recruiting**

<table>
<thead>
<tr>
<th>Description</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment increase</td>
<td>$2,773</td>
</tr>
<tr>
<td>Summer/winter/misc income</td>
<td>$401</td>
</tr>
<tr>
<td>Student awards</td>
<td>$1,788</td>
</tr>
<tr>
<td>Student recruitment</td>
<td>$144</td>
</tr>
<tr>
<td>Early retirement</td>
<td>($1,283)</td>
</tr>
<tr>
<td>FSIP FY08 one-time faculty vacancies</td>
<td>($451)</td>
</tr>
<tr>
<td>Faculty start-up</td>
<td>$734</td>
</tr>
<tr>
<td>FSIP Faculty hires</td>
<td>$549</td>
</tr>
</tbody>
</table>

**Strategic Plan: Quality of Life**

<table>
<thead>
<tr>
<th>Description</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCAA DI personnel</td>
<td>$293</td>
</tr>
<tr>
<td>NCAA DI non-personnel</td>
<td>$563</td>
</tr>
<tr>
<td>Residence halls/food service</td>
<td>$550</td>
</tr>
<tr>
<td>$170</td>
<td></td>
</tr>
<tr>
<td>$380</td>
<td></td>
</tr>
</tbody>
</table>

**Strategic Plan: Private Resources/National Programs**

<table>
<thead>
<tr>
<th>Description</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Campaign/Marketing</td>
<td>$993</td>
</tr>
</tbody>
</table>

**Strategic Plan: Research**

<table>
<thead>
<tr>
<th>Description</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Indirect Cost Recovery</td>
<td>$370</td>
</tr>
<tr>
<td>Equipment maintenance</td>
<td>$150</td>
</tr>
<tr>
<td>Support Centers</td>
<td>($150)</td>
</tr>
</tbody>
</table>

**Total Recurring**

**$205,446**

**Transfer to Plant for capital projects**

**$3,816**

**Total**

**$209,262**
FY09 Budget Priorities

- **Restore Proposed Base Appropriation Reduction of $6.4 million (13%)**: Since 1995, State support per student at NJIT has declined from the State supporting 58% of a student’s educational cost to 34% in 2008, placing an increasing financial responsibility on the student. Although cumulative tuition increases of 128% were imposed over this period, when added to declining State funding the total has just kept pace with inflation.

- **Appropriate an Additional $2.1 million for Contractually Obligated Salary Increases**: The proposed salary program appropriation for the senior public colleges and universities, and as such NJIT, is approximately one-half of the obligation, which results in tuition increases and reductions in personnel and/or operational support.

### Long Term Priorities

- **The New Jersey Center for Science, Technology, Engineering and Mathematics Education: $70 million renovation (one-time funds)**: NJIT proposes to renovate Newark’s landmark Central High School, which sits within the 45 acre footprint that comprises the NJIT campus. The current facility is being replaced by a new facility opening in fall 2008. The renovated facility would serve as the State’s flagship center for science, technology, engineering and mathematics education. Center goals include: K-12 outreach; strategies to strengthen science and technology teaching; professional development for teachers; and partnering with organizations across the state to improve collaboration in the teaching and learning of science and math.

- **Release Stem Cell Facility Funds for Newark: $50 million (one-time funds)**: P.L. 2006, CHAPTER 102 authorized the issuance of bonds to finance State capital construction projects including $50 million “to fund the capital costs of stem cell research facilities – Newark”. This facility is a critical element of the economic development plans for University Heights Science Park and the Newark Innovation Zone. The facility is to be dedicated to the development and pilot-scale demonstration of regenerative medicine technologies derived from stem cells. The program does not depend on human embryonic stem cell projects, and so it can draw on federal funding for research, and would offer a variety of direct services producing revenue from participating companies. The building and specialized equipment are essential prerequisites to attract this participation. NJIT owns the land, the architectural and construction management teams have been selected, and the pre-construction proposal is ready for EDA board approval.

- **Graduate Assistant Health Benefits: $3.6 million (recurring)**: NJIT requests that the current health, dental and prescription programs afforded to its employees be expanded to include availability to graduate students receiving stipends. Providing health benefits availability for NJIT graduate students would provide parity to such students by enabling them to pay, as do graduate students at Rutgers, 1.5% of their stipend toward state health benefits. At this time, 444 full-time graduate students would be eligible for this program. The unequal fringe benefits package provided to NJIT graduate students (teaching and research assistants) hinders attracting the most highly qualified students to NJIT, and unnecessarily complicates collaborative programs and initiatives among the three research universities.
5B. Operating Statement
Year to Date
NEW JERSEY INSTITUTE OF TECHNOLOGY
STATEMENT OF CURRENT FUND REVENUES AND EXPENDITURES
FOR THE TEN MONTHS ENDED APRIL 30, 2008
(dollars in thousands)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BUDGET</td>
<td>64,600</td>
<td>52,098</td>
<td>50,231</td>
<td>81%</td>
</tr>
</tbody>
</table>

| REVENUES               | 64,600    | 52,098    | 50,231    | 81%       | 88%       |
|------------------------|-----------|-----------|-----------|-----------|
| Education and General  | $96,115   | $96,263   | 100%      | 105%      |
| Tuition and Fees       | 62,002    | 68,321    | 83%       | 83%       |
| Appropriations, Contracts, Gifts | 7,508 | 6,879 | 92% | 93% |
| Other sources          | 3,930     | 2,165     | 55%       | 65%       |
| Allocated Balances     |           |           |           |           |
| TOTAL                  | 189,555   | 173,628   | 92%       | 94%       |
| Auxiliary Enterprises  | 11,372    | 11,634    | 102%      | 99%       |
| TOTAL REVENUES         | 200,927   | 185,262   | 92%       | 94%       |

| EXPENDITURES           | 2,524     | 1,358     |           |           |
| Education and General  | 28,883    | 28,593    |           |           |
| Instruction            | 224       | 255       |           |           |
| Research               | 215       | 256       |           |           |
| Public Service         | 1,448     | 1,055     |           |           |
| Student Services       | 476       | 819       |           |           |
| Institutional Support  | 18,328    | 17,588    |           |           |
| Operation and Maintenance of Physical Plant | 16,524 | 13,255 | 79% | 68% |
| Financial Aid to Students | 15,461 | 15,699 | 102% | 98% |
| TOTAL EDUCATIONAL & GENERAL | 177,235 | 144,054 | 81% | 82% |
| TRANSFERS              | 12,320    | 10,345    | 84%       | 83%       |
| TOTAL                  | 189,555   | 154,399   | 81%       | 82%       |
| Auxiliary Enterprises  | 6,122     | 5,157     | 84%       | 78%       |
| Auxiliary Transfers    | 5,250     | 4,383     | 83%       | 83%       |
| TOTAL AUXILIARY        | 11,372    | 9,540     | 84%       | 80%       |
| TOTAL EXPENDITURES & TRANSFERS | 200,927 | 163,939 | 82% | 82% |

$ 0 $ 0 $ 0 $ 0 $ 0 $ 21,323

EXCESS OF REVENUES OVER EXPENDITURES AND TRANSFERS
NEW JERSEY INSTITUTE OF TECHNOLOGY
EXPENSE REPORT
FOR THE TEN MONTHS ENDED APRIL 30, 2008
(dollars in thousands)

<table>
<thead>
<tr>
<th></th>
<th>CURRENT MONTH AMOUNT</th>
<th>YEAR TO DATE ACTUAL</th>
<th>BUDGET</th>
<th>ACTUAL YEAR TO DATE</th>
<th>INCLUDES ENCUMBRANCES</th>
<th>PRIOR YEAR</th>
<th>CURRENT YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACADEMIC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries &amp; Fringe Benefits</td>
<td>$ 7,685</td>
<td>$ 81,065</td>
<td>97,600</td>
<td>93%</td>
<td>97%</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td>Equipment Purchases</td>
<td>140</td>
<td>1,446</td>
<td>3,000</td>
<td>48%</td>
<td>64%</td>
<td>64%</td>
<td></td>
</tr>
<tr>
<td>Financial Aid to Students</td>
<td>0</td>
<td>15,699</td>
<td>15,461</td>
<td>102%</td>
<td>98%</td>
<td>102%</td>
<td></td>
</tr>
<tr>
<td>Other Operating Expenses:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials &amp; Supplies</td>
<td>129</td>
<td>1,125</td>
<td>1,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel &amp; Development</td>
<td>242</td>
<td>1,820</td>
<td>1,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library Collections</td>
<td>55</td>
<td>546</td>
<td>1,110</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Other General Operating</td>
<td>778</td>
<td>6,946</td>
<td>8,676</td>
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</tr>
<tr>
<td>Total Other Operating</td>
<td>1,204</td>
<td>10,437</td>
<td>13,166</td>
<td>79%</td>
<td>100%</td>
<td>94%</td>
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</tr>
<tr>
<td>TOTAL ACADEMIC</td>
<td>9,029</td>
<td>108,647</td>
<td>128,247</td>
<td>84%</td>
<td>97%</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td>SUPPORT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries &amp; Fringe Benefits</td>
<td>2,007</td>
<td>21,698</td>
<td>28,579</td>
<td>76%</td>
<td>99%</td>
<td>93%</td>
<td></td>
</tr>
<tr>
<td>Equipment Purchases</td>
<td>10</td>
<td>229</td>
<td>400</td>
<td>57%</td>
<td>97%</td>
<td>67%</td>
<td></td>
</tr>
<tr>
<td>Utilities</td>
<td>602</td>
<td>6,685</td>
<td>8,055</td>
<td>83%</td>
<td>99%</td>
<td>97%</td>
<td></td>
</tr>
<tr>
<td>Other Operating Expenses:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials &amp; Supplies</td>
<td>77</td>
<td>703</td>
<td>1,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel &amp; Development</td>
<td>43</td>
<td>368</td>
<td>450</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other General Operating</td>
<td>444</td>
<td>3,559</td>
<td>5,574</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Other Operating</td>
<td>564</td>
<td>4,630</td>
<td>7,024</td>
<td>66%</td>
<td>69%</td>
<td>87%</td>
<td></td>
</tr>
<tr>
<td>TOTAL SUPPORT</td>
<td>3,183</td>
<td>33,242</td>
<td>44,058</td>
<td>75%</td>
<td>92%</td>
<td>93%</td>
<td></td>
</tr>
<tr>
<td>TRANSFERS</td>
<td>898</td>
<td>10,345</td>
<td>12,320</td>
<td>84%</td>
<td>100%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>TOTAL ACADEMIC, SUPPORT &amp; TRANSFERS</td>
<td>13,110</td>
<td>152,234</td>
<td>185,625</td>
<td>82%</td>
<td>96%</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td>Auxiliary Enterprises</td>
<td>440</td>
<td>5,157</td>
<td>6,122</td>
<td>84%</td>
<td>92%</td>
<td>98%</td>
<td></td>
</tr>
<tr>
<td>Auxiliary Transfers</td>
<td>436</td>
<td>4,363</td>
<td>5,250</td>
<td>83%</td>
<td>100%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>TOTAL OPERATING EXPENSES</td>
<td>13,988</td>
<td>161,774</td>
<td>196,997</td>
<td>82%</td>
<td>96%</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td>EXPENSES FROM ALLOCATED FUNDS</td>
<td>149</td>
<td>2,165</td>
<td>3,930</td>
<td>55%</td>
<td>100%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>TOTAL UNRESTRICTED EXPENSES</td>
<td>14,137</td>
<td>163,939</td>
<td>200,927</td>
<td>82%</td>
<td>95%</td>
<td>94%</td>
<td></td>
</tr>
<tr>
<td>RESTRICTED</td>
<td>3,232</td>
<td>52,098</td>
<td>64,500</td>
<td>81%</td>
<td>88%</td>
<td>81%</td>
<td></td>
</tr>
<tr>
<td>TOTAL EXPENSES AND TRANSFERS</td>
<td>$ 17,369</td>
<td>$ 216,037</td>
<td>$ 265,527</td>
<td>81%</td>
<td>94%</td>
<td>91%</td>
<td></td>
</tr>
</tbody>
</table>
5C. Schedule of Short Term Investments
## New Jersey Institute of Technology

### Schedule of Investments

**As of April, 30 2008**

<table>
<thead>
<tr>
<th>Date Purchased</th>
<th>Maturity Date</th>
<th>Rate</th>
<th>Type</th>
<th>Wachovia Bank</th>
<th>City National Bank</th>
<th>Merrill Lynch</th>
<th>JPMorgan Chase</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prime Money Market</td>
<td>CD</td>
<td></td>
<td></td>
<td>$ 2,239,347</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Money Manager 2.58**</td>
<td>$ 7,923,112</td>
<td></td>
<td></td>
<td></td>
<td>$ 7,923,112</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Money Market 2.64**</td>
<td>$ 12,070,012</td>
<td></td>
<td></td>
<td></td>
<td>$ 12,070,012</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Repo 2.78</td>
<td>$ 17,234,000</td>
<td></td>
<td></td>
<td></td>
<td>$ 17,234,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$ 37,227,124</td>
<td>$ 500,000</td>
<td>$ 4,207,588</td>
<td>$ 2,239,347</td>
<td>$ 44,174,059</td>
</tr>
</tbody>
</table>

**Crossfoot**

$ 44,174,059

---

**Investment as of April, 30, 2007 were $45,877,069**

* Monies in this account are invested in government securities

* This account is now handled by Evergreen Institution as of 4/1/2008 - balance fwd was $225,000**

With a net change of +17,234,000 after purchases and redemptions

**Net of fees**
5D. Approve Resolution to Authorize Expenditure for Electricity and Natural Gas for FY 2009
STATEMENT
RESOLUTION TO AUTHORIZE EXPENDITURES FOR ELECTRICITY and NATURAL GAS, FY 2009

There exists a need to purchase electricity and natural gas for the campus from PSE&G, Amerada Hess and other electricity and natural gas suppliers and transporters. Shown below is the actual cost for FY 2006, FY 2007 and projections for FY 2008 and FY 2009.

<table>
<thead>
<tr>
<th></th>
<th>FY 2006</th>
<th>FY 2007</th>
<th>FY 2008</th>
<th>FY 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility Cost - Natural Gas &amp; Electricity ($000's)</td>
<td>5,604</td>
<td>6,662</td>
<td>7,619</td>
<td>9,156</td>
</tr>
<tr>
<td>Sq. Ft. ($000's)</td>
<td>2,653</td>
<td>2,653</td>
<td>2,653</td>
<td>2,653</td>
</tr>
<tr>
<td>$/sq. ft.</td>
<td>2.11</td>
<td>2.51</td>
<td>2.87</td>
<td>3.45</td>
</tr>
<tr>
<td>Cost of Electricity $/kwh</td>
<td>0.10</td>
<td>0.125</td>
<td>0.143</td>
<td>0.17</td>
</tr>
<tr>
<td>Cost of Natural Gas $/Therm</td>
<td>1.39</td>
<td>1.54</td>
<td>1.54</td>
<td>1.66</td>
</tr>
</tbody>
</table>

New and previously implemented energy conservation measures continue to have a positive effect on controlling costs. Some of these measures are shown below:

- Closure of one-half of the floors at the parking deck during the Summer
- Closure of Redwood (partial) and Oak Residence Halls for the Summer
- Summer compressed 4 day work week
- Continuation of contract for transportation gas through Amerada Hess
- Installation of energy efficient lighting where appropriate
- Use of solar energy
- Improved scheduling of building systems operations based on schedules of events
- Campus wide – Photocell based illumination sensing controls for exterior lights
- Implementation of new DDC zone controls and new energy efficient water distribution system for computer center at GITC
- Participation in a demand response program which allows NJIT to receive payments for demand reductions at the Campus Center, GITC, Weston Hall, Microelectronics and Tiernan Hall. This program is designed to help ease the pressure on power grids by reducing individual users peak demand loads

Factors having a potential negative impact on cost include:

- Continuing uncertainties of the energy markets
- Re-bid of the transportation gas contract expiring on August 30th, 2008
- PSE&G tariff changes

Resolution’08-09
RESOLUTION TO AUTHORIZE EXPENDITURES FOR ELECTRICITY AND NATURAL GAS FOR FY 2009

WHEREAS, there exists a need to purchase electricity and natural gas through Public Service Electric & Gas Company, Amerada Hess and other electricity and natural gas providers; and

WHEREAS, a cost effective combination of suppliers and transporters will be used to provide needed utilities; and

WHEREAS, it is estimated that amounts will not exceed $9,156,000; and

WHEREAS, funds for these utilities will be provided in the FY 2009 budget

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of New Jersey Institute of Technology authorizes the President to execute the necessary contracts to purchase these utilities in an amount not to exceed $9,156,000.

5 June 2008

Resolution '08-'09
5E. Approve Resolution to Renew Student Health Insurance
STATEMENT

RESOLUTION TO AUTHORIZE RENEWAL OF STUDENT HEALTH INSURANCE

As part of student service operations, the university provides all full-time undergraduate students with an accident policy paid from student fees. In addition, the university is required by statute to ensure that all full-time undergraduate and graduate students have basic hospitalization insurance coverage. Specific coverage for intramural and intercollegiate athletics is also provided and included in the athletic department budget.

Working with the risk management consulting firm R. L. Myers and Associates, Inc. and T.L. Groseclose a review of the full review of the Student Accident Insurance, Sickness Insurance and Sports Insurance program was conducted in 2007.

T.L. Groseclose Associates, Inc. reviewed insurance options with several insurance carriers and developed a final offering of a two year agreement proposal increasing prescription and coverage limits while limiting price increases to the students. No price increases are anticipated for the 2008-2009 operating year.

The Dean of Student Services Office and the Health Service Department have been satisfied with the service provided by the current agent T.L. Groseclose Associates, Inc. and recommended that they be renewed.

Students can waive the health and hospitalization insurance if they provide the required documentation indicating existing coverages.

The total cost is estimated to be $1.1 million for health and hospitalization insurance (to be adjusted for final enrollment count), $300,000 for accident insurance and $109,000 for sports accident insurance or a total not to exceed $1.5 million

5 June 2008
RESOLUTION TO AUTHORIZE
RENEWAL OF STUDENT HEALTH INSURANCE
DRAFT

WHEREAS, there exists a continuing need to provide accident insurance for full-time undergraduate students and insurance coverage for athletic activities, and

WHEREAS, pursuant to public law, the university is required to ensure that all full-time, undergraduate and graduate students have basic health and hospitalization coverage insurance, and

WHEREAS, the cost of the health and hospitalization insurance is covered by student fees, and funds have been allocated by the university for accident and sport insurances, and

WHEREAS, a review of the existing insurance polices by risk management consulting firm determined the existing policy to be adequate in coverage, and

WHEREAS, no price increases are anticipated in insurance premiums, and

WHEREAS, the per student charge for 2008-2009 premiums for accident insurance for full-time undergraduate students of $44, the health care component is $278, and the lump sum Athletic Policy and the Intramural Extension is not to exceed $109,000, and

WHEREAS, the total cost is estimated not to exceed $1.5 million, and

WHEREAS, said agency now provides such coverage and claims services has performed satisfactorily and after a review with the Dean of Students Office and Health Service Departments, it is recommend that the agency be continued, and

WHEREAS, there are funds budgeted for this purpose in Fiscal Year 2009.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees authorizes the renewal of the Student Health, Accident and Sports Insurance Program with T.L. Groseclose Associates, Inc. for the period ending August 2009 at a cost not to exceed $1.5 million.

5 June 2008
5F. Approve Resolution to Update Bank and Financial Institutions Account Authorizations
NEW JERSEY INSTITUTE OF TECHNOLOGY

Statement
Resolution To Update Bank and Financial Institution
Account Authorizations

The university maintains a general banking and investment resolution that authorizes certain officers or agents to transact the day-to-day banking duties on behalf of the university. Due to the changes in banking regulations under the US Patriot Act and changes in employees due to retirements, the general banking and investment resolution needs to be updated and approved by the Board.

The primary operational accounts are with Wachovia Bank, NA, Inc. The diverse investment strategies as approved from time to time by the Joint Investment Committee require appropriate accounts to be established with the applicable fund managers.

The proposed resolution authorizes the following officers to conduct banking functions for the university:

1. President
2. Senior Vice President for Administration and Treasurer
3. Assistant Vice President for Finance and Controller
4. Associate Treasurer
Resolution To Updated Bank and Financial Institution Account Authorizations

Whereas, The Board of Trustees has previously approved the maintenance of banking and investment accounts by the University and Foundation at New Jersey Institute of Technology at a variety of banks and financial institutions and

Whereas, from time to time said banks and financial institutions require updated Resolutions regarding the designation of authorized university personnel to conduct business transactions, and

Whereas, it is advisable to have several positions be authorized to execute the necessary documents, and

Whereas, it is recommended that the President, Senior Vice President for Administration and Treasurer, Assistant Vice President for Finance and Controller and the Associate Treasurer be so authorized,

NOW THEREFORE, BE IT RESOLVED THAT:

The following university personnel are designated agent or agents and are authorized to open required University checking and investment accounts in banks, brokerage houses, and other financial institutions and to execute documents as are required by designated financial institutions to transact business:

1. President
2. Senior Vice President for Administration and Treasurer
3. Assistant Vice President for Finance and Controller
4. Associate Treasurer
5G. Approve Resolution to Authorize Project Cost for Implementation of New Enterprise Resource Planning (ERP) Information Systems (administrative computing systems)
STATEMENT

ERP UPGRADE AND IMPLEMENTATION PROJECT

NJIT’s core ERP (enterprise resource planning) information systems, first installed in 1986, support most of the university’s major business functions, i.e., accounting, human resources, admissions and student information and billing.

The systems, currently licensed from SunGard Higher Education (SGHE), are known as the Plus product line. The Plus systems are characterized as “legacy systems” because they are built on technologies developed in the 1970’s and 1980’s. In spite of the underlying technology platform, NJIT has leveraged the Plus systems well – building web and self-service applications on top of them and integrating them with applications based on newer technologies. These efforts have improved the university’s internal management reporting and contributed to NJIT’s earlier recognitions as among the “most-wired” campuses and as a pioneer in “connected learning”.

The Plus systems are nearing obsolescence. There are fewer than 40 schools across the country still using them. SGHE has announced it will no longer support them after 2011, with some major support ending in 2010. Software support is critical since it includes regulatory changes from the state and federal governments, as well as integration with many higher education service providers (e.g. College Board, payment card industry, TIAA-CREF, U.S. Departments of Education and Homeland Security).

To assist in evaluating the options available and to begin planning for the implementation of new ERP systems, the university engaged Collegiate Project Services (CPS), a higher education project management firm specializing in ERP implementations. With the assistance of CPS, the university has decided that SGHE’s Banner ERP suite offers the “best-fit” for the university’s current and future ERP needs. An ERP migration from the SGHE Plus software suite to the Banner suite can be viewed as a technology upgrade supported by migration and data conversion tool kits. It is a path that has been followed by hundreds of Plus clients. SGHE’s success migrating a large number of clients should lower the risk of migration problems in terms of data cleanliness, accuracy, and consistency. The vendor’s accumulated knowledge of infrastructure, management, and operational requirements for a “Plus to Banner” migration should also result in a more predictable implementation.

A three year time line is proposed for the project, beginning in July 2008 with major milestone “go live” dates of:

<table>
<thead>
<tr>
<th>System</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial System</td>
<td>July 2009</td>
</tr>
<tr>
<td>Admissions</td>
<td>September 2009</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>January 2010</td>
</tr>
<tr>
<td>Student Registration and Billing</td>
<td>April 2010</td>
</tr>
<tr>
<td>Student Billing</td>
<td>July 2010</td>
</tr>
<tr>
<td>Academic History</td>
<td>September 2010</td>
</tr>
<tr>
<td>Human Resources</td>
<td>January 2011</td>
</tr>
</tbody>
</table>
A project implementation budget has been developed with the following components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software Licensing – Banner and related products</td>
<td>$991,966</td>
</tr>
<tr>
<td>Oracle Database License</td>
<td>576,106</td>
</tr>
<tr>
<td>Hardware (Servers, Storage, Networking)</td>
<td>1,570,010</td>
</tr>
<tr>
<td>Professional Services (Training, Consulting, Implementation Support, Project Management)</td>
<td>3,257,372</td>
</tr>
<tr>
<td>Hardware and Software Maintenance (Three Year Project Costs)</td>
<td>1,115,524</td>
</tr>
<tr>
<td>Temporary Staffing</td>
<td>360,000</td>
</tr>
<tr>
<td><strong>Total Project Costs (Before Contingency):</strong></td>
<td><strong>$7,870,978</strong></td>
</tr>
<tr>
<td>Contingency</td>
<td>250,000</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>$8,120,978</strong></td>
</tr>
</tbody>
</table>

The project costs would be treated as a capital investment and depreciated over a period appropriate to the component, e.g., hardware, software, likely 7 to 15 years, given our history of retaining hardware and systems. However, this will be reviewed with our auditors. The university has a proposal from Sun Microsystems and Sun Trust Bank to finance total project costs over a seven year period. The final rates and terms are now under review.

At this time, it appears that no single contract will exceed the $750,000 limit for administrative commitment. However, the cumulative amount over the term of the installation. Accordingly, a resolution to authorize the overall project has been draft for your consideration.
RESOLUTION TO AUTHORIZE PROJECT COST FOR IMPLEMENTATION OF NEW ERP INFORMATION SYSTEMS

WHEREAS, NJIT’s existing core ERP information systems supporting major student, financial, and human resource business functions were first installed in 1986, and

WHEREAS, those systems are nearing a point of obsolescence with vendor support to be discontinued after 2011, and

WHEREAS, functioning ERP systems are critical to support on-going university operations, and

WHEREAS, the university has determined SunGard Higher Education's Banner ERP suite offers the “best fit” for current and future university ERP needs, and

WHEREAS, a three-year Banner implementation plan has been developed with an estimated total cost of $8.2 million, and

WHEREAS, competitive seven-year financing is available through Sun Microsystems and Sun Trust Bank and

WHEREAS, funds will be available to support this project,

NOW, THEREFORE BE IT RESOLVED, that the Board of Trustees authorizes the President to execute the necessary contracts for a Banner ERP implementation project, at a cost, exclusive of financing not to exceed $8.2 million

5 June 2008
5H. Status of Purchase of Central High School
<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NJIT appraisal</td>
<td>$8,250,000</td>
</tr>
<tr>
<td>Newark Public Schools appraisal</td>
<td>$8,329,000</td>
</tr>
<tr>
<td>Appraisal spread</td>
<td>0.96% (&lt;10%)</td>
</tr>
<tr>
<td>Price =average appraisal</td>
<td>$8,289,500</td>
</tr>
<tr>
<td>Deposit required</td>
<td>$4,144,750</td>
</tr>
</tbody>
</table>
Mr. Henry A. Mauermeyer,
Senior Vice President
New Jersey Institute of Technology
323 Martin Luther King Blvd.
Newark, NJ 07102

Re: 345-361 Dr. Martin Luther King Blvd.
    Block 374, Lot 1
    Newark, (Essex County), N.J.

Dear Mr. Mauermeyer,

This Summary Appraisal Report is submitted to you in compliance with your request to estimate the Market Value of the subject property.

I do hereby certify that I have carefully inspected the property and to the best of my knowledge and belief, the statements contained herein are correct. I further certify that I have no personal interest in the property, past, present or prospective.

It is strongly recommended, that prior to any purchase, an engineering report with regard to the physical condition of the subject, and an analysis of functional utility for possible retrofitting of the building for use by NJIT be obtained. It is possible that the results of such an engineering analysis may require changes to the value estimated herein.

In my opinion, as of April 10, 2008, the Market Value of the subject property is the sum of:

EIGHT MILLION TWO HUNDRED FIFTY THOUSAND DOLLARS
($8,250,000.00)

Respectfully submitted,

[Signature]

Norman J. Goldberg, SRA, CRE, GAA, IFAS
State Certified
General Real Estate Appraiser
License RG-00279

NJG:TR
November 25, 2007

Nicholas Racioppi, Jr., Esquire
Riker, Danzig, Scherer, Hyland & Perretti
Headquarters Plaza
One Speedwell Avenue - P.O. Box 1981
Morristown, NJ 07962-1981

Re: Appraisal of Central High School
100 Summit Street
Block 374, Lot 1
Newark, New Jersey

Dear Mr. Racioppi:

At your request, we have personally inspected Central High School, a school property owned by the Newark Public Schools, and performed a Complete Appraisal of its fee simple market value as of November 1, 2007. Our findings and conclusions are presented in the attached Summary Appraisal Report. The report, including all exhibits and attachments, describes the appraisal process including the method of valuation used to derive our final market value estimate. Please note the assumptions and limiting conditions appearing in the addenda of the report.

We have researched, identified and gathered, verified, and analyzed all of the data appearing within the attached appraisal report. Based on our findings and analysis, we have formed the opinion that the market value of the subject property's fee simple estate as of November 1, 2007 was:

Eight Million Three Hundred Twenty-None Thousand Dollars
$8,329,000

Respectfully submitted,

VALUE RESEARCH GROUP, LLC

[Signature]
Paul T. Beisser, MAI, CRE
State Certified General Real Estate Appraiser (RG 00181)

[Signature]
Deborah J. Miller
State Licensed Real Estate Appraiser (42RA00377000)

File #3138
VIA UPS

Mr. Robert A. Altenkirch, President
New Jersey Institute of Technology
323 Dr. Martin Luther King, Jr. Boulevard
Newark, NJ 07102

And

Perry Lattiboudere, Esq., General Counsel
Newark Public Schools
Office of General Counsel
2 Cedar Street
Newark, NJ 07102

May 12, 2008

Re: Sale and Purchase Agreement dated as of the 6th day of May, 2008, between the State Operated School District for the City of Newark, as Seller, New Jersey Institute of Technology, as Purchaser, and the NJSDA, as Escrow Agent, for property known as Central High School, Newark, NJ.

Dear Mssrs Altenkirch and Lattiboudere:

I am pleased to be able to enclose a fully executed copy of the above referenced Sale and Purchase Agreement ("Contract"). In accordance with prior notice and approval, revised pages 1, 7 and 10 have been incorporated into the assembled, executed originals. Please note that the contracts, which were executed in counterparts, have been assembled into one set of four originals, with each copy having a separate, original, signature page for each of the parties to the contract.

Thank you for all your efforts in bringing this matter to a close.

Very truly yours,

Sandra L. Vieser
Legal Services Manager, Real Estate Division

cc: Thomas Schrum (w/o enc.)
    Scott Weiner (w/o enc.)
    Jennifer Linett (w/enc.)
6A. Approve Promotion and Tenure Recommendations for 2007 – 2008
To: Robert A. Altenkirch, President
From: Priscilla P. Nelson, Provost
Re: Promotion and Tenure Recommendations
Date: May 27, 2008

After a year-long sequence of deliberations following the policies and procedures for promotion and tenure defined in the Faculty Handbook, those named below are recommended for promotion and/or tenure.

**Promotion to Distinguished Professor**

Atam Dhawan  
Electrical and Computer Engineering  
John Federici  
Physics

**Promotion to Professor**

Michael Booty  
Mathematical Sciences  
John Carpinelli  
Electrical and Computer Engineering  
Nancy Coppola  
Humanities  
Shanthi Gopalakrishnan  
School of Management  
Taha Marhaha  
Civil and Environmental Engineering  
Rajiv Mehta  
School of Management  
Kwabena Narh  
Mechanical Engineering

**Promotion to Associate Professor with Tenure**

Roy Goodman  
Mathematical Sciences  
Quentin Jones  
Information Systems  
Katia Passerini  
School of Management  
Zeyuan Qiu  
Chemistry and Environmental Science  
Louis Tao  
Mathematical Sciences

**Recommendation for Tenure Only**

Jorge Golowasch  
Mathematical Sciences  
Andrei Sirenko  
Physics
SUMMARY INFORMATION ON
PROMOTION AND TENURE RECOMMENDATIONS
FY 2007 – 2008

Submitted to the
COMMITTEE ON ACADEMIC AFFAIRS AND RESEARCH
BOARD OF TRUSTEES
June 5, 2008

Anthony Knapp, Acting Chair
Vincent DeCaprio
David Samuel

Promotion to Distinguished Professor

Three faculty members were under consideration for promotion to distinguished professor, and two are being recommended to you:

Atam Dhawan, Department of Electrical and Computer Engineering, joined NJIT as professor with tenure and department chair in 2000. He received the Ph.D. in Electrical Engineering from the University of Manitoba (Winnipeg, Canada) in 1985 where he was a Canadian Commonwealth Fellow. His current research interests are medical imaging, multi-modality medical image analysis, multi-grid image reconstruction, wavelets, genetic algorithms, neural networks, adaptive learning, and pattern recognition. He has published more than 185 research articles in refereed journals, edited books, and conference proceedings. The recipient of numerous awards and honors, Dr. Dhawan is also a Fellow of the Institute of Electrical and Electronics Engineers. He currently serves as an Associate Editor of the IEEE Transactions on Biomedical Engineering and as Editor of the International Journal of Pattern Recognition. His expertise is well known through his research publications, books, patents, and commercialization of Novoscope technology for screening of skin lesions for early detection of cancer.

John Federici, Department of Physics, joined NJIT as an assistant professor in 1992, was promoted to associate professor in 1997, and to full professor in 2000. He received the Ph.D. in Plasma Physics from Princeton University in 1989. He is a recognized expert in application of terahertz spectroscopy and imaging for detection of concealed explosives. Professor Federici is the leader of the NJIT research team that is developing flexible electronic sensors and sensor arrays for vehicular coating systems. This technology is currently being transitioned to
manufacturing and deployment for Army helicopters; the Army has chosen Dr. Federici and his team to design, fabricate, and test sensor arrays that will become the sensor system on a redesigned tail section of the Apache helicopter. In May 2008, he presented his work as an invited paper at the NATO conference Terahertz Wave Technology for Stand-Off Detection of Explosives and Other Military and Defense Applications. He has published over 57 papers in refereed journals, 68 papers in refereed conference proceedings, holds 5 patents and has 6 patent applications pending. He is the recipient of the NJIT Harlan J. Perlis Research Award (2005) and received the Thomas A. Edison Patent Award from the Research and Development Council of New Jersey.

**Promotion to Professor**

Of the ten faculty members recommended by their departments/schools/colleges for promotion to professor, seven are being recommended to you.

*Michael Booty*, Department of Mathematical Sciences, joined NJIT as an associate professor in 1993. He received the Ph.D., D.I.C. from Imperial College, University of London in 1983. Dr. Booty is a highly regarded applied mathematician with a research record that demonstrates skills, expertise and knowledge of mathematical modeling and techniques that make significant contributions to important problems. Dr. Booty has 21 peer-reviewed journal publications, many conference papers, and numerous invited presentations to his credit. Dr. Booty is a respected scholar and innovative researcher working on difficult problems in combustion, fluid dynamics and materials science. His research is in the NJIT strategic initiative area of mathematical fluid dynamics. He is nationally and internationally recognized for his major research contributions to his field of applied mathematics and has demonstrated strong teaching skills and leadership.

*John Carpinelli*, Department of Electrical and Computer Engineering, joined NJIT as a special lecturer in 1986 and was appointed an assistant professor in 1987. He received the Ph.D. in Computer and Systems Engineering from Rensselaer Polytechnic Institute in 1987. Dr. Carpinelli has accumulated an excellent record in the area of engineering education. This has led to several teaching awards at the department, college, and university levels including the designation of Master Teacher. Dr. Carpinelli was a leader for NJIT in the NSF-funded Gateway Coalition project (completed in 2004). He has made outstanding contributions central to the development of the Computer Engineering curriculum in his department and has also led in the development of distance learning courses. His record of fourteen publications in recognized refereed journals shows a balance of six in education-related areas and eight in technological areas. Similarly among his referred conference papers, thirty are in education and fifteen are in technology. Dr. Carpinelli’s record and the views of his peers demonstrate that he qualified for promotion to full professor.
Nancy Coppola, Department of Humanities, initially joined NJIT as a special lecturer in 1984 and was appointed assistant professor in 1995. She received her D.A. in English in 1983. Dr. Coppola has demonstrated a sustained commitment to excellence in teaching. She is a leader in online teaching and helped develop and directs the MS program in Professional and Technical Communication in the College of Science and Liberal Arts. External reviewers of Dr. Coppola’s work speak highly of her collaborative efforts in bridging science, technology, and communication. Dr. Coppola has made substantial contributions to the research fields of technical communication, online education, program assessment, technology transfer, and environmental communication. The quality of her research work is reflected in two of her articles receiving best research paper awards. Her teaching has been cited by the Excellence in Teaching Committee.

Shanthi Gopalakrishnan, School of Management, joined NJIT as associate professor in 1999 and received tenure in 2002. She currently serves as Associate Dean of SoM. Dr. Gopalakrishnan received the Ph.D. in Organization Management from Rutgers University in 1995, and her research interests are broadly in the area of management of innovation and technology and inter-organizational alliances. She has demonstrated excellence in teaching, research, and service. Her background in industry complements her academic training, and she is able to blend academic rigor and industrial relevance into the development and delivery of her courses. Dr. Gopalakrishnan has nineteen publications in double-blind peer-reviewed technology and management journals and has won three prestigious awards for her research. She has developed programmatic research streams that are consistent with NJIT’s and SoM’s missions. She served as President (2006-2007) of the Eastern Academy of Management and is currently a member of the editorial boards for IEEE Transactions in Engineering Management and for Group and Organization Management.

Taha Marhaba, Department of Civil and Environmental Engineering, joined NJIT as an assistant professor in 1995 and received tenure in 2000. He currently serves as Associate Chair of the department. Dr. Marhaba received BS in 1989, his MS in 1990 and his Ph.D. in 1993, all from Rutgers University. Clean drinking water is poised to be the critical resource of the 21st century and Professor Marhaba is a nationally recognized authority in the field of water quality. The quality of his refereed articles is particularly noteworthy as ten of them were published in the Journal of Hazardous Materials which has the second highest impact factor of all civil engineering journals. He has also published noteworthy articles in the ASCE Journal of Environmental Engineering and the Journal of Environmental Science and Health. He is well respected on campus as a gifted teacher. He has maintained national visibility by serving as the Chair of the American Water Works Association Research and Technology Transfer Committee and as founder and director of the NJ Applied Water Research Center. Professor Marhaba will continue to develop solutions for real world
environmental problems by advancing state of the art in water research to meet the challenge of ensuring a safe and secure water supply for future generations.

Rajiv Mehta, School of Management, joined NJIT as an associate professor in 1999 and received tenure in 2004. He received his bachelor’s degree in India in 1979, his MBA from the University of Scranton in 1985, and his Ph.D. in Marketing from Drexel University in 1994. Dr. Mehta is a productive scholar, an excellent teacher, and has demonstrated a superior level of service to the school and to the university. He has developed programmatic research streams that are consistent with the school and university’s mission. These include international marketing with specific emphasis on international joint ventures among technology intensive companies, business to business marketing with emphasis on sales force management, and cross-cultural elements of product design and development. More recently, he has focused on building coalitions between manufacturers and their international channel members, thus increasing our understanding of international strategic alliances. Dr. Mehta is the co-author of two books dealing with sales and marketing, and has 45 peer-reviewed publications (24 articles in top-quality peer-reviewed refereed journals and 21 articles in peer-reviewed conference proceedings) to his credit. Professor Mehta has produced an important body of research and publication that has resulted in a national reputation in the fields of marketing channel management, selling and sales management, and international strategic alliances.

Kwabena (Albert) Narh, Department of Mechanical Engineering, joined NJIT as an assistant professor in 1994 and received tenure in 2000. He received the Ph.D. in Polymer Physics from the University of Bristol (United Kingdom) in 1982. Dr. Narh has accumulated a strong record of research along with national recognition for his contributions to polymer research. The objective of his research is to understand the interrelationships between product properties and process parameters in order to develop models that can be used to predict these relationships. He has an outstanding record of refereed journal publications and has published in prestigious journals such as Polymer Science and Engineering, International Journal of Heat and Mass Transfer, Journal of Manufacturing Science and Engineering, Advances in Polymer Technology, and Journal of Applied Polymer Science. He has involved undergraduate and graduate students in productive experimental research and authorship of publications, and his service to the university and his profession has been exemplary.

Promotion to Associate Professor

Of the six faculty members recommended by their departments/schools/colleges for promotion to associate professor, five are being recommended to you.

Roy Goodman, Department of Mathematical Sciences, joined NJIT as a visiting assistant professor in 2001 and was appointed assistant professor in 2002. He received the Ph.D. in Mathematical Sciences from New York University in 1999.
Dr. Goodman has already established himself as an excellent applied and computational mathematician. He has worked on mathematical applications to optical fiber communications, much of which has been supported by research grants from the National Science Foundation. His publications have been in top quality journals, and his work has also led to one patent, two conference papers and over a dozen professional presentations. He has ten peer-reviewed journal publications, seven since coming to NJIT, and three more which have been submitted. Dr. Goodman is an innovative researcher and has made significant research contributions to the field of optical fiber communications, works well with students, and has provided good service to the department and university.

Quentin Jones, Department of Information Systems, joined NJIT as a research professor in 2001 and was appointed assistant professor in 2002. He received the Ph.D. in Information Systems from Haifa University (Israel) in 2002. Dr. Jones’ groundbreaking research is in the very current area that many call social networking. In social networking, software developed for computers and mobile devices enables people to create supportive online social structures. Dr. Jones has taken all of this to a new level and established the infrastructure of the entire NJIT campus as his testbed, and many hundreds of students as his experimental subjects. He has published his research results in top journals such as Information Systems Research, IEEE Internet Computing, and the Journal of Computer Supported Cooperative Work. Dr. Jones is an innovative teacher with fine teaching ratings. He encourages his undergraduates to move into NJIT's Ph.D. Program; two have done so. His research has provided a great deal of positive visibility for NJIT and is expected to continue to do so.

Katia Passerini, School of Management, joined NJIT as an assistant professor in 2003 and she holds a joint appointment to the Department of Information Systems in the College of Computing Sciences at NJIT. She received the Ph.D. in Information and Decision Systems from the George Washington University in 2001. Dr. Passerini has developed a research program that has resulted in a sustained record of publication in high quality journals. Her work is supported through her appointment to the Huriburt Chair of Management Information Systems and with funding from NSF and the State of New Jersey. She is an excellent instructor, an important contributor to curriculum development and assessment of learning, and an active mentor to students in the doctoral program in information systems (in the College of Computing Sciences). Dr. Passerini's level of recognition within her profession is not typical of that of an assistant professor. She has co-chaired several important conferences, delivered keynote addresses, and serves on the editorial boards of key journals in her field. She received a service award as Program Committee co-chair for the Wireless Telecom Symposium in 2007, was Program Committee Chair for the 2006 Knowledge Management Forum and will lead the 2008 Security Forum as Vice President. Dr. Passerini's expertise, contributions, and enthusiasm are strongly supported of SoM's and NJIT's long range objectives.
Zeyuan Qiu, Department of Chemistry and Environmental Science, joined NJIT as an assistant professor in 2002. He received the Ph.D. in agricultural economics from the University of Missouri – Columbia in 1996. Dr. Qiu conducts multidisciplinary research on nonpoint source water pollution control and ecosystem management by integrating economics and other social scientific perspectives with geographic information systems and environmental science. He has made impressive progress in his research program. Since coming to NJIT, Dr. Qiu has published eight refereed journal papers with two more in review and one in preparation; he has also delivered 17 professional presentations. Dr. Qiu has been active in curriculum development and has introduced five new courses. He is the undergraduate GUR (general university requirements) advisor for economics and serves as the coordinator for the economics minor. He has organized mini-symposia and serves as a peer-reviewer and invited panel reviewer. His service to the greater community with respect to watershed management is exemplary having established the Neshanic River Watershed Restoration Planning Committee and the New Jersey Critical Source Area Management Technical Group.

Louis Tao, Department of Mathematical Sciences, joined NJIT as an assistant professor in 2003. He received the Ph.D. in Physics from the University of Chicago in 1995. Dr. Tao has distinguished himself as a computational scientist who is making fundamental contributions to an important area of applied mathematics. Dr. Tao has 18 peer-reviewed journal publications in high quality journals. He has delivered fifteen invited talks since coming to NJIT and has given four invited short courses, five contributed talks, and has organized six mini-symposia. Dr. Tao is an excellent researcher who has made significant contributions to the field of mathematical neuroscience. He has very solid teaching evaluations, is involved in advising undergraduate students in the mathematics-biology option, and also served as an investigator for the Undergraduate Biology and Math Training Program. His research is in the NJIT strategic initiative area of mathematics and neuroscience. He is nationally and internationally recognized for his major research, and has demonstrated strong teaching skills and leadership within his department.

**Tenure Only**

Two faculty members have been recommended by their departments/schools/colleges for tenure only, and both are being recommended to you.

Jorge Golowasch, Department of Mathematical Sciences, joined NJIT as an associate professor in 2002. He received the Ph.D. in Biophysics from Brandeis University in 1991. Professor Golowasch has made significant contributions to the field of neuroscience using both mathematical modeling and experimental techniques; he has published 11 papers in neuroscience and neurobiology since coming to NJIT. His research has garnered Dr. Golowasch numerous invitations to speak at conferences and scholarly meetings. Dr. Golowasch has served on
numerous NSF review panels and is co-founder and chief editor of *Ciencia al Dia International*, a science and technology journal. Dr. Golowasch is an excellent researcher who publishes significant and highly relevant papers in leading journals. His teaching excellence, dedication, and versatility in a range of subjects is a valued interdisciplinary contribution. He contributes to all aspects of academic life in two different departments, Mathematical Science and Biological Sciences and his service is exemplary.

*Andrei Sirenko*, Department of Physics, joined NJIT as an assistant professor in 2003; he was promoted to associate professor in 2007. He received the Ph.D. in Physics from Ioffe Institute, St. Petersburg, Russia in 1993. Dr. Sirenko has excelled in both teaching and service; however, his research accomplishments have been even more superlative. Dr. Sirenko’s research is in the fields of semiconductors, nanostructures, design of optoelectronic devices and development of advanced spectroscopic characterization techniques. His determined efforts to obtain funding have recently resulted in earning an NSF CAREER award and a number of synchrotron beam-time awards. Dr. Sirenko has published 16 of his approximately 45 peer-reviewed journal papers since arriving at NJIT in 2003. These articles are in high quality, highly selective journals. Dr. Sirenko has demonstrated outstanding research funding, strong teaching skills, and service to the department. His work is exceptional and his research has already gained him wide recognition for his contributions to many fields important to nanoscience and telecommunications.
# RECOMMENDATION FOR PROMOTION TO DISTINGUISHED PROFESSOR

**2007 - 2008**

<table>
<thead>
<tr>
<th>NAME</th>
<th>DEPT.</th>
<th>CURRENT RANK</th>
<th>DATE OF APPT. TO NJIT CURRENT RANK</th>
<th>DATE OF TENURE TRACK</th>
<th>TERMINAL DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atam Dhawan</td>
<td>ECE</td>
<td>Professor</td>
<td>2000</td>
<td>2000</td>
<td>hired w/ tenure 1985</td>
</tr>
</tbody>
</table>

# RECOMMENDATION FOR PROMOTION TO PROFESSOR

**2007 - 2008**

<table>
<thead>
<tr>
<th>NAME</th>
<th>DEPT.</th>
<th>CURRENT RANK</th>
<th>DATE OF APPT. TO NJIT CURRENT RANK</th>
<th>DATE OF TENURE TRACK</th>
<th>TERMINAL DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Carpinelli</td>
<td>ECE</td>
<td>Associate</td>
<td>1993</td>
<td>1986</td>
<td>1987</td>
</tr>
<tr>
<td>Shanthi Gopalakrishnan*</td>
<td>SoM</td>
<td>Associate</td>
<td>1999</td>
<td>1999</td>
<td>1999</td>
</tr>
<tr>
<td>Rajiv Mehta**</td>
<td>SoM</td>
<td>Associate</td>
<td>1999</td>
<td>1999</td>
<td>1999</td>
</tr>
<tr>
<td>Kwabena Narh</td>
<td>ME</td>
<td>Associate</td>
<td>2000</td>
<td>1994</td>
<td>1994</td>
</tr>
</tbody>
</table>

* received tenure 2002
** received tenure 2004

# RECOMMENDATION FOR PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

**2007 - 2008**

<table>
<thead>
<tr>
<th>NAME</th>
<th>DEPT.</th>
<th>CURRENT RANK</th>
<th>DATE OF APPT. TO CURRENT RANK</th>
<th>DATE OF TENURE TRACK</th>
<th>TERMINAL DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roy Goodman</td>
<td>Math</td>
<td>Assistant</td>
<td>2002</td>
<td>2001</td>
<td>2002</td>
</tr>
<tr>
<td>Quentin Jones</td>
<td>IS</td>
<td>Assistant</td>
<td>2002</td>
<td>2001</td>
<td>2002</td>
</tr>
<tr>
<td>Katia Passerini</td>
<td>SoM</td>
<td>Assistant</td>
<td>2003</td>
<td>2003</td>
<td>2003</td>
</tr>
<tr>
<td>Zeyuan Qiu</td>
<td>Chemistry</td>
<td>Assistant</td>
<td>2002</td>
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<td>2002</td>
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</table>

# RECOMMENDATION FOR TENURE ONLY

**2007 - 2008**

<table>
<thead>
<tr>
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<th>DEPT.</th>
<th>CURRENT RANK</th>
<th>DATE OF APPT. TO CURRENT RANK</th>
<th>DATE OF TENURE TRACK</th>
<th>TERMINAL DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andre Sirenko</td>
<td>Physics</td>
<td>Associate</td>
<td>2007</td>
<td>2002</td>
<td>2002</td>
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NJIT Full Time Teaching Faculty Summary Data 1998 - 2007

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Distinguished Professor</td>
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<td>23</td>
<td>24</td>
<td>24</td>
<td>25</td>
<td>25</td>
<td>26</td>
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<td>119</td>
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<tr>
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<td>109</td>
<td>99</td>
<td>96</td>
<td>94</td>
<td>96</td>
<td>90</td>
<td>95</td>
<td>95</td>
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<tr>
<td>Assistant Professor</td>
<td>64</td>
<td>55</td>
<td>51</td>
<td>62</td>
<td>61</td>
<td>62</td>
<td>66</td>
<td>67</td>
<td>54</td>
<td>46</td>
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<tr>
<td><strong>TOTAL</strong></td>
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<td><strong>301</strong></td>
<td><strong>297</strong></td>
<td><strong>303</strong></td>
<td><strong>302</strong></td>
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<td><strong>305</strong></td>
<td><strong>297</strong></td>
<td><strong>284</strong></td>
</tr>
<tr>
<td>Senior/University Lecturer</td>
<td>41</td>
<td>60</td>
<td>73</td>
<td>79</td>
<td>79</td>
<td>78</td>
<td>80</td>
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<td>71</td>
<td>78</td>
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<tr>
<td>Other*</td>
<td>16</td>
<td>18</td>
<td>34</td>
<td>36</td>
<td>28</td>
<td>26</td>
<td>33</td>
<td>32</td>
<td>31</td>
<td>29</td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td><strong>362</strong></td>
<td><strong>379</strong></td>
<td><strong>404</strong></td>
<td><strong>418</strong></td>
<td><strong>409</strong></td>
<td><strong>404</strong></td>
<td><strong>423</strong></td>
<td><strong>416</strong></td>
<td><strong>399</strong></td>
<td><strong>391</strong></td>
</tr>
</tbody>
</table>

* Includes Research Professors, Visiting Professors, Professional and Instructional Staff

Reduction in number of Assistant Professors over past three years:
- elevation in rank/promotion,
- few new positions released,
- denial of tenure
- termination at 3rd year review,
- left for other causes.
<table>
<thead>
<tr>
<th>Department</th>
<th>Distinguished Professors and Professors</th>
<th>Associate Professors</th>
<th>Assistant Professors</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Engineering</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>8</td>
<td>19</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>15</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>21</td>
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<tr>
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<td>3</td>
<td>3</td>
<td>6</td>
<td>18</td>
</tr>
<tr>
<td>Civil and Environmental Engineering</td>
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<td>6</td>
<td></td>
<td>1</td>
<td>27</td>
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<tr>
<td>Computer Science</td>
<td>9</td>
<td>11</td>
<td>4</td>
<td>8</td>
<td>32</td>
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<tr>
<td>Electrical &amp; Computer Engineering</td>
<td>21</td>
<td>7</td>
<td>3</td>
<td>2</td>
<td>33</td>
</tr>
<tr>
<td>Engineering Technology</td>
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<td>5</td>
<td>1</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Federated History</td>
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<td>Humanities</td>
<td>5</td>
<td>6</td>
<td>1</td>
<td>19</td>
<td>31</td>
</tr>
<tr>
<td>Industrial and Manufacturing Engineering</td>
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<td>5</td>
<td></td>
<td></td>
<td>11</td>
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<tr>
<td>Information Systems</td>
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<td>3</td>
<td>2</td>
<td>12</td>
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<tr>
<td>Information Technology</td>
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<td></td>
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<td>4</td>
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<tr>
<td>Mathematical Sciences</td>
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<td>18</td>
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<td>9</td>
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<td>Mechanical Engineering</td>
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<td>4</td>
<td></td>
<td>4</td>
<td>18</td>
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<tr>
<td>NJ School of Architecture</td>
<td>7</td>
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<td>3</td>
<td>13</td>
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<tr>
<td>Physics</td>
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<td>17</td>
<td>36</td>
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<tr>
<td>School of Management</td>
<td>8</td>
<td>10</td>
<td>5</td>
<td>5</td>
<td>28</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>143</strong></td>
<td><strong>95</strong></td>
<td><strong>46</strong></td>
<td><strong>107</strong></td>
<td><strong>391</strong></td>
</tr>
<tr>
<td>Department</td>
<td>Tenured</td>
<td>Tenure Track</td>
<td>Total</td>
<td></td>
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<tr>
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<td>---------</td>
<td>--------------</td>
<td>-------</td>
<td></td>
<td></td>
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<tr>
<td>Biomedical Engineering</td>
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<td>4</td>
<td>11</td>
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</tr>
<tr>
<td>Biological Sciences</td>
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<td>2</td>
<td>3</td>
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<td>Chemical Engineering</td>
<td>17</td>
<td>1</td>
<td>18</td>
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</tr>
<tr>
<td>Civil &amp; Environmental Engineering</td>
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<td>Computer Science</td>
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<td>Electrical and Computer Engineering</td>
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<tr>
<td>Engineering Technology</td>
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<td>31</td>
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</tr>
<tr>
<td>Humanities</td>
<td>10</td>
<td>2</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial and Manufacturing Engineering</td>
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<td>4</td>
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<tr>
<td>Mathematics</td>
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<tr>
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<td>Physics</td>
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<tr>
<td>School of Management</td>
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<tr>
<td>Grand Total</td>
<td>230</td>
<td>54</td>
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</table>

NJIT Tenured or tenure-Track Teaching Staff: Status by Department: Fall 2007
Percentage Distribution of Full Time Teaching Staff by Rank for Selected Universities: Fall 2007**

<table>
<thead>
<tr>
<th>School</th>
<th>Distinguished or Full Professor</th>
<th>Associate Professor</th>
<th>Assistant Professor</th>
<th>Total</th>
<th>Tenured</th>
<th>Women Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
</tr>
<tr>
<td>NJIT</td>
<td>143</td>
<td>50%</td>
<td>95</td>
<td>33%</td>
<td>46</td>
<td>16%</td>
</tr>
<tr>
<td>Georgia Tech</td>
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<td>44%</td>
<td>245</td>
<td>28%</td>
<td>234</td>
<td>27%</td>
</tr>
<tr>
<td>Michigan Tech</td>
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<td>31%</td>
<td>115</td>
<td>38%</td>
<td>95</td>
<td>31%</td>
</tr>
<tr>
<td>Rochester Inst of Technology</td>
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<td>28%</td>
<td>257</td>
<td>37%</td>
<td>246</td>
<td>35%</td>
</tr>
<tr>
<td>Texas Tech</td>
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<td>30%</td>
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<td>35%</td>
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<td>35%</td>
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<tr>
<td>Virginia Tech</td>
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<tr>
<td>Clarkson University</td>
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<td>34%</td>
<td>47</td>
<td>30%</td>
</tr>
<tr>
<td>Rensselaer Poly Tech</td>
<td>175</td>
<td>44%</td>
<td>111</td>
<td>28%</td>
<td>112</td>
<td>28%</td>
</tr>
</tbody>
</table>

**Source Academe March-April 2008**
NJIT Full Time Teaching Staff: Rank by Gender: Fall 2007
NJIT Full Time Teaching Staff Percentage by College: Fall 2007

<table>
<thead>
<tr>
<th>School</th>
<th>#</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>CCS</td>
<td>47</td>
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<tr>
<td>CSLA</td>
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<tr>
<td>NCE</td>
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<td>36.1%</td>
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<tr>
<td>SOA</td>
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<td>7.4%</td>
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<tr>
<td>SOM</td>
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<td>7.2%</td>
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<tr>
<td>Grand Total</td>
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<td>100.0%</td>
</tr>
</tbody>
</table>
6B. Approve Resolution to Authorize Exclusive License of University Intellectual Property to a Subsidiary of Intellectual Ventures
STATEMENT OF INFORMATION FOR
EXCLUSIVE LICENSE OF NJIT INVENTION DISCLOSURES
June 5, 2008

Introduction

As part of its Intellectual Property ("IP") Program, NJIT assesses the commercial value of its Intellectual Property to determine the most appropriate avenue to achieve a return on its investment. Options include the exclusive licensing of Intellectual Property.

A subsidiary of Intellectual Ventures ("IV"), has expressed interest in acquiring an exclusive license to certain NJIT Invention Disclosures listed below for the life of each patent issued by the USPTO and/or foreign jurisdiction in exchange for up to $60,000 plus a percentage of net consideration derived from sublicensing activities.

As the exclusive license of the Invention Disclosures and patent applications derived therefrom for the life of the patent essentially represents a disposition of NJIT property, the Board of Trustees is being asked to approve the same. A Resolution has been prepared for consideration.

Background of Intellectual Ventures

IV is a private company founded in 2000 by Nathan Myhrvold and Edward Jung, both former executives of Microsoft. The purpose of the company is to invest in innovations and technologies across a broad spectrum of industries (i.e., technology, biotechnology, consumer electronics, nanotechnology and others). IV has also acquired inventions and related IP from a combination of individual inventors, government agencies, and universities. IV’s business plan is to group all acquired patents into clusters of like technology and then license the patents to potential users and/or infringers of each technology cluster. The goal is to derive more value than is likely to be attained from the licensing of any individual patent.

Current Licensing Offer

At its April 10, 2008 meeting the Board of Trustees authorized the execution of a one year Master Patent License Agreement, which included annual minimums payable in 2009, 2010 and 2011 in addition to amounts payable for individually licensed Invention Disclosures. IV obligations to pay all expenses associated with prosecution and maintenance of patents as well on-going royalties to NJIT survive the term of the Master Agreement for the life of any issued patents derived from such licensed Invention Disclosures.

This request is for the exclusive license of additional Invention Disclosures with right to sublicense, in return for a payment to NJIT of up to $60,000. In addition IV will pay for all on-going patent prosecution costs levied by the USPTO and/or foreign jurisdictions, including issuance fees on allowed patents as well as maintenance fees that become due on any and all issued patents. If any of the patents are sublicensed to third parties, NJIT will also receive an annual royalty payment. A list of the individual Invention Disclosures included in this second request under the new Master Agreement is found below.

After NJIT’s reimbursement of associated out-of-pocket expenses, if any, the remaining net amount derived from the transaction shall be shared with the inventors pursuant to NJIT’s current Patent Policy.
RESOLUTION TO AUTHORIZE EXCLUSIVE LICENSE OF UNIVERSITY INTELLECTUAL PROPERTY

WHEREAS, the Board of Trustees of New Jersey Institute of Technology is empowered to direct and control the disposition of NJIT intellectual property if deemed necessary or advisable to carry out the goals of NJIT; and

WHEREAS, the Board of Trustees at its April 10, 2008 approved the execution of a one year Master Patent License Agreement with a subsidiary of Intellectual Ventures, which includes annual minimums payable to NJIT in 2009, 2010 and 2011 in addition to amounts payable to NJIT for individually licensed assets plus an annual royalty percent of net consideration received by Intellectual Ventures' subsidiary through sublicensing; and

WHEREAS, a subsequent transaction under such Master Patent License Agreement is for the exclusive licensing of certain identified NJIT Intellectual Property for up to $60,000.

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of New Jersey Institute of Technology that the proposed exclusive licensing of the Intellectual Property by NJIT is hereby approved; and

THEREFORE BE IT FURTHER RESOLVED by the Board of Trustees of New Jersey Institute of Technology, that the Senior Vice President For Research & Development is hereby authorized to execute any and all agreements or documents on behalf of NJIT to consummate the licensing transaction.

____________________________________
Holly C. Stern, Esq.
General Counsel and
Secretary to the Board of Trustees
New Jersey Institute of Technology

____________________________________
Date
List of Invention Disclosures


Multi-Frequency Waveforms for MIMO Radar, (Inventors: Alexander M. Haimovich and Mohamed A. Haleem) NJIT Reference Number 08-081.

6C. Approve Resolution to Change the Name of Otto H. York Department of Chemical Engineering to the Otto H. York Department of Chemical, Biological, and Pharmaceutical Engineering
STATEMENT

PROPOSAL TO CHANGE THE NAME OF THE
OTTO H. YORK DEPARTMENT OF CHEMICAL ENGINEERING
TO THE
OTTO H. YORK DEPARTMENT OF CHEMICAL, BIOLOGICAL, AND
PHARMACEUTICAL ENGINEERING

The faculty of the Otto H. York Department of Chemical Engineering have voted to rename the department as the Otto H. York Department of Chemical, Biological, and Pharmaceutical Engineering. The new department name will better reflect the degrees currently offered by the department, namely the BS, MS, and Ph.D. in Chemical Engineering and the MS in Pharmaceutical Engineering. The department has decided that the future direction for research as well as education will more strongly focus on the application of chemical engineering principles to biological processing. Hence, the inclusion of chemical, biological, and pharmaceutical in the department name.
RESOLUTION

WHEREAS the proposed name change has the approval of the faculty of the Otto H. York Department of Chemical Engineering; and

WHEREAS the Board is satisfied that the proposed name change better reflects the academic programs and research which are focused on chemical and pharmaceutical engineering and biological processing; and

WHEREAS, the proposed name change has been approved by the Committee on Academic Affairs, the Faculty as a whole, and the university's administration;

NOW, THEREFORE BE IT RESOLVED, that the Board of Trustees approves the name change from the Otto H. York Department of Chemical Engineering to the Otto H. York Department of Chemical, Biological, and Pharmaceutical Engineering

June 5, 2008
6D. Approve Resolution to Establish the BA Degree in Law, Technology and Culture
STATEMENT

RESOLUTION TO APPROVE THE B.A. IN LAW, TECHNOLOGY, AND CULTURE

The Bachelor of Arts degree in Law, Technology, and Culture will provide undergraduate training in the history, philosophy, political, and social development of law with an emphasis on scientific, technological, environmental, medical, and media issues that are particularly relevant in the 21st century.

Its chief objectives are to provide a focused, interdisciplinary liberal arts degree program that serves as the centerpiece of pre-law education at a technological university and to attract exceptionally well-qualified students who recognize this program as an attractive path to careers in law and related fields.

Traditionally, many students bound for law school have earned undergraduate degrees in the liberal arts, particularly in political science and history. With regard to undergraduate preparation, science and technology have been accorded a single niche within the legal world: patent law, which requires extensive undergraduate coursework in science or engineering. In the 21st century, however, the barriers separating traditional forms of law from science and technology are rapidly breaking down. Interest is growing — and opportunities in the workplace are increasing — in fields of law such as:

- Internet and Media Law
- Intellectual Property Law (including Patent Law)
- Environmental Law (including Space Law)
- Health Law and Bioethics

By combining features of traditional liberal arts pre-law programs with the study of law in relation to media; the environment on earth and in space; science, engineering and technology; and medical/health issues, the BA in Law, Technology, and Culture will meet the growing need for a new kind of undergraduate law education.

The proposed program is within the mission of the university, has received favorable independent external review, has received the approval of all appropriate standing committees and the faculty as a whole, is not unduly duplicative of other programs offered in the State of New Jersey, and has been the subject of a Program Announcement issued to institutions of higher education in the State of New Jersey. The program is expected to start with five students in Year 1 and grow to a steady state of forty students after five years. The incremental costs of the new program will be covered from the tuition and fees of the new students.
RESOLUTION TO APPROVE THE B.A. IN LAW, TECHNOLOGY, AND CULTURE

WHEREAS, the Board of Trustees has examined materials provided by the President of the university relative to a proposed program leading to the B.A. in Law, Technology, and Culture; and

WHEREAS, the Board is satisfied that the proposed program is within the mission of the university, has received favorable independent external review, is not unduly duplicative of other programs offered in the State of New Jersey and has been the subject of a Program Announcement issued to institutions of higher education in the State of New Jersey, and further that the proposed program is expected to start with five students in Year 1 and grow to a steady state of forty students after five years. The incremental costs of the new program will be covered from the tuition and fees of the new students; and

WHEREAS, the Board of Trustees attests to the foregoing;

NOW THEREFORE BE IT RESOLVED, that the Board of Trustees approves the B.A. in Law, Technology, and Culture.

June 5, 2008
PROGRAM ANNOUNCEMENT

<table>
<thead>
<tr>
<th>Institution:</th>
<th>New Jersey Institute of Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Program Title:</td>
<td>BA in Law, Technology, and Culture</td>
</tr>
<tr>
<td>Degree Designation:</td>
<td>Bachelor of Arts in Law, Technology, and Culture</td>
</tr>
<tr>
<td>Degree Abbreviation:</td>
<td>BA in Law, Technology, and Culture (LTC)</td>
</tr>
<tr>
<td>CIP Code and Nomenclature:</td>
<td>22.9999 Legal Professions and Studies</td>
</tr>
<tr>
<td>Campus where the program will be offered:</td>
<td>NJIT in Newark</td>
</tr>
<tr>
<td>Date when program will begin:</td>
<td>September 2009</td>
</tr>
<tr>
<td>List the institutions with which articulation agreements will be arranged:</td>
<td>All New Jersey county colleges offering appropriate programs in law and related fields will be given the opportunity to form articulation agreements. An accelerated/honors articulation agreement with Seton Hall School of Law is already in place, and other law schools may be added as the program grows.</td>
</tr>
</tbody>
</table>

Is licensure required of program graduates to gain employment? No

Will the institution seek accreditation for this program? No

If yes, list the accrediting organization:

Program Announcement Narrative

| Objectives | pages 2 |
| Need | pages 2–3 |
| Students | pages 3–4 |
| Program Resources | pages 4–5 |
| Curriculum | pages 5–10 |
I. Objectives

The BA in Law, Technology, and Culture (LTC) will provide training in the history, philosophy, and political and social development of law, with emphasis on scientific, technological, environmental, medical, and media issues that are particularly relevant in the 21st century. Its chief objectives are (1) to provide a focused, interdisciplinary liberal arts degree program that serves as the centerpiece of pre-law education at a technological university and prepares students for careers in law and law-related areas of business and government, as well as for further graduate study of the law in various disciplines, and (2) to attract exceptionally well-qualified students who recognize this program as an attractive path to careers in law and related fields. It is expected that most of the students in this program will be members of the Albert Dorman Honors College.

Although administered by the History faculty at NJIT, the program will draw upon a wide array of NJIT and Rutgers-Newark courses in different academic disciplines, including history, STS, philosophy, engineering, management, environmental science and policy, information technology, criminal justice, and political science. These courses also support the Legal Studies minor, which has been in existence at NJIT for about ten years and attracts students from a variety of majors.

II. Need

II. A. Need for the Program

Traditionally, many students bound for law school have earned undergraduate degrees in the liberal arts, particularly in political science and history. With regard to undergraduate preparation, science and technology have been accorded a single niche within the legal world: patent law, which requires extensive undergraduate coursework in science or engineering. In the 21st century, however, the barriers separating traditional forms of law from science and technology are rapidly breaking down. Interest is growing – and opportunities in the workplace are increasing – in fields of law such as

- Internet and Media Law
- Intellectual Property Law (including Patent Law)
- Environmental Law (including Space Law)
- Health Law and Bioethics

By combining features of traditional liberal arts pre-law programs with the study of law in relation to media; the environment on earth and in space; science, engineering and technology; and medical/health issues, the BA in Law, Technology, and Culture will meet the growing need for a new kind of undergraduate law education.
II.B. Relationship to the Institutional Master Plans and Priorities

The NJIT administration has assigned high priority to the development of new degree programs that are both academically innovative and cost-effective, and that continue to expand NJIT's student base beyond engineering. The BA in Law, Technology, and Culture is a response to this initiative.

II.C. Relationship to Similar Programs in the State and Region

Most four-year colleges in New Jersey offer an undergraduate major with a focus in law. The great majority of these programs offer the BA in Criminal Justice (e.g., Rutgers-Newark, College of NJ, Richard Stockton, Saint Peter's College, Felician College, Centenary, Georgian Court, Monmouth, Thomas Edison). A few offer broader liberal arts degrees in Justice Studies (College of Saint Elizabeth), Law and Society (Ramapo), Jurisprudence (Montclair State), or Law and Justice Studies (Rowan), but some of these (i.e., Saint Elizabeth and Rowan) are essentially criminal justice programs also. The Information Technology BS program at NJIT also offers a Criminal Justice track within its concentration in Criminal Justice and Law.

Stevens Institute of Technology lists a BA in Science and Law for students interested in patent law and related fields, but it is not a clearly defined degree program with an articulated curriculum.

The proposed BA in Law, Technology, and Culture will therefore stand alone in the state of New Jersey (and as far as we have been able to tell, in the New York metropolitan area), as a well-articulated undergraduate degree program that focuses on the historical, philosophical, social, and political development of law in relation to scientific, technological, environmental, medical, and media issues.

II.D. Distinguished Programs Nationally

The American Bar Association's Division of Public Education maintains a website directory of undergraduate degree programs in Legal Studies (http://www.abanet.org/publiced/undergrad/). Among the most distinguished are the Legal Studies majors at the University of California, Berkeley, and the University of Wisconsin, Madison; the Law and Society major at Cornell University; the Law, Jurisprudence and Social Thought major at Amherst College; and the Law, Letters and Society major at the University of Chicago. But there are no baccalaureate programs in the ABA's website like the one being proposed for NJIT.

III. Students

During the last five years, a growing number of NJIT students have been pursuing careers in law. Among History majors, during this period students have gone to law schools such as Rutgers, Temple, Brooklyn,
and Western New England, and in AY2006-7 two students gained admission to Cornell as well as other high-rated law schools. Most of these students were Legal Studies minors, all of them were members of the Albert Dorman Honors College. This stands to reason, since successful applicants to law school must have outstanding academic records and high scores on the LSATs, which correlate closely with the SAT scores that are used as one of the primary criteria for admission to the honors college.

For this reason, the admission criteria for students entering the LTC program from high school will be 1200 SATs and top twenty percent of their high school graduating class. Students entering the program from community colleges and other transfer institutions, as well as from within NJIT, will be required to have a cumulative GPA of at least 3.0, or else to have a GPA of at least 3.0 in the first three courses in the LTC core. It is anticipated that many students in the program – and all students in the accelerated law program with Seton Hall School of Law (and potentially other law schools with which articulation agreements may be made) – will be members of the Albert Dorman Honors College.

The LTC program is expected to have at least 5 students in the first year and grow to a steady state of at least 40 students after five years.

IV. Resources to Support the Program

IV.A. Course Development

Although most of the courses in the LTC program are already in place, we anticipate adding six new courses (3 credits each) that will be required in the LTC curriculum:

Hist 370: Legal Issues in the History of Media
Hist 375: Legal Issues in Environmental History (including Space Law)
Hist 378: Medicine and Health Law in Modern America
Hist 373: International Law and Diplomatic History
LTC 490: Senior Seminar in Law, Technology, and Culture
LTC 492: Internship in Law, Technology, and Culture

Depending on demand, some or all of these courses will be offered as honors sections.

Also depending on demand, a new introductory, lower-level, and probably honors LTC course – LTC 200: Introduction to Law, Technology and Culture – may eventually be added as a seventh Legal Foundations Core Course, in place of a second-year free elective.

IV.B. Faculty

Two NJIT History faculty members who retired in June 2007 are being replaced by new faculty who will play key roles in teaching and
administering the LTC major. One of them, specializing in the cultural historian of 20th-century media, will begin in September 2008. This faculty member will develop and teach Hist 370: Legal Issues in the History of Media and other courses related to law and media, and will also assist with advising LTC majors and Legal Studies minors.

In AY2008-9 the department will conduct a second search, for a faculty member in the area of law and history, to begin in September 2009. That faculty member will be the coordinator and main advisor of the LTC major and the Legal Studies minor and will teach at least two core courses in the major: Hist 369: Law and Society in History and LTC 490: Senior Seminar in Law, Technology, and Culture.

These new faculty will supplement existing faculty and teaching staff in History, Environmental Policy, Information Technology, Industrial Engineering, Management, Humanities, and other NJIT departments and schools, as well as at Rutgers-Newark, who currently offer law-related courses or who will be offering some of the new courses noted in IV.A. above. Several of these faculty and teaching staff have degrees in law.

LTC 492: Internship in Law, Technology, and Culture will be administered in association with the NJIT Career Development Services office, which has been involved with the Law Clerk Mentor/Internship Program that is now in its fourteenth year.

IV.C. Libraries and Computing Facilities

NJIT’s Van Houten Library has strong holdings in most areas of science, technology, environment, media, and medicine/health, and for the past two decades it has been steadily building up its collections in the history and policy of these technical fields. For this program, the library will also need to strengthen its holdings in environmental law, space law, media law, and health law. For general resources concerning law, LTC students will draw upon the excellent collection in the library of the nearby Rutgers University-Newark School of Law.

No special computing facilities will be required for this program.

IV.D. Classrooms and Laboratories

No new classrooms or laboratories will be required for this program.

V. Curriculum

STANDARD CURRICULUM (123 credits minimum)

I. Major Courses (51 credits)

A. Legal Foundations Core Courses (15 credits)
Students take 15 credits of Legal Foundations Core Courses that treat aspects of the law in relation to history, philosophy, business, and basic principles of jurisprudence and legal thought, writing, and research.

Hist 369  Law and Society in History
MGMT 290  Legal Environment of Business
Phil 300  Philosophy of Law and Social Justice
SS 300  Basic Principles of Law and the Judicial System
STS 300  Legal Reasoning, Writing, and Technology OR
R790:304**  Introduction to Law and Legal Research

B. Law and Technology Core Courses (15 credits)
Students take 15 credits of Law and Technology Core Courses that treat the history, policy, and practice of law in relation to engineering, environment, health, information technology, and media.

Hist 370*  Legal Issues in the History of Media
Hist 375*  Legal Issues in Environmental History
Hist 378*  Medicine and Health Law in Modern America
IE 447  Legal Aspects of Engineering
IT 400  Information Technology and the Law

C. Law, Technology and Culture Electives (15 credits)
Students select 15 credits from among law-related electives and other approved courses that fit each student’s special interests.

Hist 373*  International Law and Diplomatic History
HSS 404/491  History Senior Seminar: Censorship and the Media
HSS 408  STS Senior Seminar: Communication, Ethics and Law
IE 472  Product Liability Engineering
R202:302  Constitutional Issues in Criminal Justice
R202:305  Case Processing: Law and Courts
R512:365, 366  American Legal History I and II
R512:379  U.S. History in the Courts
R790:356**  Sex Law and Public Policy
R790:367  Jurisprudence and Legal Theory
R790:381**  Judicial Process
R790:387  International Law
R790:401, 402**  American Constitutional Law and Politics I and II
R790:409**  Law and Public Policy (writing intensive)
R920:349  Law and Society

Note: Students who wish to pursue a specialty in law in relation to a specific scientific, technological, environmental, medical, or media field (such as health policy or intellectual property on the Internet), legal field (such as environmental law, criminal law, or international law), or interdisciplinary thematic field (such as gender studies) may count up to 9 credits of approved course work in that field toward the electives
requirement for the major. For example, a student interested in environmental law might take Hist 334: Environmental History of North America and 6 credits of courses in environmental science and/or environmental policy for elective course credit in the major.

D. Senior Internship and Seminar (6 credits)
In the senior year, students take two courses (6 credits) that are restricted to LTC majors: LTC 490: Senior Seminar in Law, Technology and Culture, in which students prepare a project or write a thesis in a relevant field, and LTC 492: Internship in Law, Technology and Culture, which provides a hands-on, law-related experience as an intern in a law firm, non-profit or government agency, science- or technology-based corporation, or other relevant organization.

LTC 490* Senior Seminar in Law, Technology and Culture (instructor: new faculty member 2009)
LTC 492* Internship in Law, Technology and Culture

* Pending approval by the Undergraduate Curriculum Review Committee
** Prerequisite is R790:201: American National Government

II. General University Requirements and Other Requirements (48 credits minimum)
English Composition (6): Hum 101 and Hum 102
Cultural History (3): Hist 213 (another 200-level history course at Rutgers-Newark may be substituted with advisor’s approval)
Senior Seminar in Humanities (3)
Natural Science electives (7)
Computer/Information Science (3): CS 103 or IS 118
Math (6–7): Math 105 and Math 111 or Math 138
Management (3): Mgmt 390
PE (2)

III. Free Electives (24 credits)

B.A. IN LAW, TECHNOLOGY AND CULTURE (123 credits minimum)
FIRST YEAR:
1st semester (16–17 cr.):
HUM 101 English Composition: Writing, Speaking, Thinking I (3-0-3)
Math 111 Calculus I (4-0-4) OR
Math 138 General Calculus I (3-0-3)
CS 103 Computer Science with Business Problems (3-1-3) OR
IS 118  Introduction to Application Development Tools (3-0-3)
Elective  (Natural Sciences with lab:GUR) (3-1-4)
R202:201 Introduction to Criminal Justice I (3-0-3)
Frsh Sem  Freshman Seminar (1-0-0)

2nd semester (15 cr.):
Hist 213  Twentieth-Century World (3-0-3)
HUM 102  English Composition: Writing, Speaking, Thinking II (3-0-3)
Math 105  Elementary Probability and Statistics (3-0-3)
R202:202 Introduction to Criminal Justice II (3-0-3)
Elective  (Natural Sciences:GUR) (3-0-3)

SECOND YEAR:
1st semester (16 cr.):
EPS 202  Society, Technology and Environment (3-0-3)
R790:201 American National Government (3-0-3)
Mgmt 290  Legal Environment of Business (3-0-3)
Elective  (Free) (3-0-3)
Elective  (Free) (3-0-3)
Elective  (Physical Education:GUR) (0-1-1)

2nd semester (16 cr.):
Hist 369  Law and Society in History (3-0-3)
R790:202 America and the World (3-0-3)
STS 300  Legal Reasoning, Writing, and Technology (3-0-3) OR
R790:304  Introduction to Law and Legal Research* (3-0-3)
Elective  (Law, Technology and Culture) (3-0-3)
Elective  (Free) (3-0-3)
Elective  (Physical Education:GUR) (0-1-1)

THIRD YEAR:
1st semester (15 cr.):
Hist 370*  Legal Issues in the History of Media (3-0-3)
Hist 375*  Legal Issues in Environmental History (3-0-3)
IT 400  Information Technology and the Law (3-0-3)
Elective  (Law, Technology and Culture) (3-0-3)
Elective  (Free) (3-0-3)

2nd semester (15 cr.):
Hist 378*  Medicine and Health Law in Modern America (3-0-3)
SS 300  Basic Principles of Law and the Judicial System (3-0-3)
Phil 300  Philosophy of Law and Social Justice (3-0-3)
Elective  (Law, Technology and Culture) (3-0-3)
Elective  (Free) (3-0-3)

FOURTH YEAR:
1st semester (15 cr.):
LTC 490*  Senior Seminar in Law, Technology and Culture (3-0-3)
IE 447  Legal Aspects of Engineering (3-0-3)
Elective  (Senior Seminar:GUR) (3-0-3)
Elective  (Law, Technology and Culture) (3-0-3)
Mgmt 390  Principles of Management (3-0-3)
Elective  (Free) (3-0-3)

2nd semester (15 cr.):
LTC 492*  Internship in Law, Technology and Culture (3-0-3)
Elective  (Law, Technology and Culture) (3-0-3)
Elective  (History) (3-0-3)
Elective  (Free) (3-0-3)
Elective (Free) (3-0-3)

* Pending approval by the Undergraduate Curriculum Review Committee

Electives:

**Law, Technology and Culture (15 credits):** Students select electives from among a pre-approved list of law-related courses and other relevant courses. In consultation with an advisor, up to 9 credits may be elected from courses not on the pre-approved electives list.

**Free (24 credits):** Students select appropriate electives in consultation with the Law, Technology and Culture major advisor.

**Natural Sciences GUR (7 credits):** Coursework totaling 7 credits in any of the following disciplines: biology, botany, chemistry, geology, and physics. Students may take a sequence of courses in one of these disciplines or courses in different disciplines. Laboratory credit must be included in the 7 credits.

**Physical Education GUR (2 credits):** Students who register as full-time undergraduates for two or more consecutive semesters must take two PE courses, one of which must be a 100-level fitness core course.

**Senior Seminar GUR (3 credits):** Three (3) credits in a 400-level senior seminar in the humanities and social sciences (HSS 401, HSS 402, HSS 403, HSS 404, HSS 405, HSS 406, HSS 407, HSS 408, HSS 491). HSS 404 or an appropriate section of HSS 491 may be counted as a history elective.

**PATENT LAW CURRICULUM (124 credits minimum)**

The curriculum for students interested in pursuing a career as a patent attorney or patent examiner differs from the standard curriculum in Law, Technology and Culture in the following ways:

1. All students take Math 111 (4 cr.)
2. Students apply (a) 7–8 credits of the Natural Sciences GUR, (b) up to 9 credits of Law, Technology and Culture electives, and (c) up to 24 credits of Free Electives in order to fulfill one of the following options (as mandated by the US Patent and Trademark Office):
   a. **Physics Option (24 cr.):** 24 credits of approved physics courses
   b. **Biology Option (32 cr.):** 8 credits of approved chemistry or physics courses and 24 credits of approved courses in biology, botany, microbiology, or molecular biology
   c. **Chemistry Option (30 cr.):** 30 credits of approved chemistry courses
   d. **Science/Engineering Option (40 cr.):** 8 credits of approved chemistry or physics courses and 32 credits of approved courses in chemistry, physics, biology, botany, microbiology, molecular biology, or engineering
ACCELERATED PRE-LAW CURRICULUM with Seton Hall School of Law (105 credits at NJIT + the first year at Seton Hall School of Law)

The accelerated pre-law curriculum in Law, Technology and Culture differs from the standard curriculum in the following ways:

1. Students take a total of 105 credits at NJIT during three years of study. The BA is granted from NJIT after successful completion of the first year of law school.

2. In order to complete all NJIT course requirements in their three years at NJIT, students take 12 of their required 105 credits during the summers after their first and second years or as an overload during fall and spring semesters.


4. Students fulfill all the requirements of the Albert Dorman Honors College, and an honors level of scholarship is expected in projects or theses submitted in LTC 490.
April 7, 2008

Priscilla Nelson
Provost
NJIT
University Heights
Newark, NJ 07102

Dear Dr. Nelson:

Below you will find my evaluation of the proposed BA program in Law, Technology, and Culture (LTC). I strongly urge you to approve this program.

A. Objectives: The proposal is for an interdisciplinary program that seeks to bridge the fields of law, science, and technology. I frankly can't think of a better conceived program for a technological university than a program which unites the broad areas of science and law. As currently conceived, the proposed program aspires to cater to students interested in a pre-law education. Such a focus seems like a perfect match for university that has a longstanding reputation in engineering and science.
B. Need for the Program: The need for such a program in our fast-changing technological world hardly needs comment. The rapid progression of digital electronics has over the last generation raised a number of important legal issues dealing with privacy, intellectual property, and other areas of the law. A program that seeks to join the areas of technology and law will be an easy sell at a technological university. I also think it very likely that students trained in the LTC program will be eminently employable in any number of information technology positions. Not to mention that a BA in this area would make a student very well qualified to attend law school where they could perhaps go on to become patent lawyers or attorneys specializing in intellectual property, biotechnology, cyber law or other newly evolving fields of law.

As far as undergraduate legal studies programs go, the proposed LTC program is unique. While it is true that some law schools (Case Western Reserve School of Law being one of them) have centers that deal with these issues, this may be the only undergraduate program of this kind in the nation. NJIT’s LTC program is a pioneering venture that will do the university proud and, perhaps more important, will attract students to Newark to study at NJIT.

C. Educational Programs: The program’s curriculum is well conceived. The curriculum will involve three sets of courses: a legal foundation core, a law and technology element, and a set of electives. The current roster of courses is expansive, but could be expanded even further with the addition of courses in cyber law and biotechnology, for example. Law and technology is a vibrant area of study and the list of course possibilities is rich with possibilities. If the initial venture with the program proves successful in terms of student enrollment figures, I would urge the university to build on such early success by strengthening the LTC program with additional faculty hires.

D. Students: The success of the program will entail some substantive marketing and recruitment efforts. I think the LTC program is correct to set its standards high and shoot for top students with SAT scores above 1200. Scores on the SAT and the LSAT (which is necessary for law school admission) are strongly correlated. Instituting a high SAT cut off will ensure that those students admitted to the LTC program succeed and, should they choose to do so, be admitted to reputable law schools.

E. Faculty: The current faculty is adequate for starting a program of this kind. However, I think it is imperative that a hire be made in law
and history. This person, as described in the LTC proposal, will be the program’s main coordinator and the primary student advisor. The success of this important new curricular initiative hinges on the success of this hire.

F. Support Personnel: The support personnel, as currently configured, should be maintained and possibly increased if indeed enrollments in the program exceed current expectations.

G: Finances: The main expense will be the hiring of new faculty and the maintenance of current support personnel. This ought not to be a problem for a university of NJIT’s size and stature.

H. Physical Facilities: The program will not require any additional classrooms or labs.

I. Library: During my site visit a number of faculty voiced concern about library resources and the possibility of budget cuts impinging on the ability of faculty to carry out their duties in the LTC program. For example, one person mentioned that Lexis-Nexis, one of the premier legal databases, was in jeopardy of having its funding cut. This would be detrimental to the success of the LTC program and I would urge the administration to maintain that subscription. Indeed the university ought to consider expanding its subscription base by including the excellent Hein Online. These databases provide legal scholars and students with the ability to search legal cases and state and federal statutory law. They are essential tools that should be accessible to students and faculty in the LTC program; the university should make every effort to see that these library needs are satisfied.

J. Computer Facilities: There are no requested hardware needs.

K Administration: As indicated above, the proposed new hire in law and history will play the leading administrative role. This is a vibrant field and my prediction is that NJIT will be able to conduct a very successful search that will result in a capable administrator.

L. Evaluation: During my site visit, there was discussion about forming an advisory committee for the LTC program. I would recommend that such a committee indeed be formed and that the committee be charged with oversight of the program including, but not limited to, yearly evaluations of the new law and history faculty hire who will be administering the program.
The above constitutes my report as per your instructions in your letter of March 12, 2008. Let me add in conclusion that this is a very original idea for an undergraduate program. I hope NJIT will be able to support this program and the forward-thinking faculty members who conceived of it.

It was a pleasure to meet you this week.

With best wishes,

Sincerely yours,

Ted Steinberg
Davee Professor of History and Professor of Law
To: Provost Priscilla Nelson  
From: Richard B. Sher, NJIT Chair, Federated History Dept.  
Re: Response to Consultant’s Report for BA Program in Law, Technology and Culture  
Date: 19 May 2008

Degree Name: BA Law, Technology and Culture

Consultant: Dr. Ted Steinberg, Davee Professor of History and Professor of Law, Case Western Reserve University, Cleveland OH

Date of Consultant’s Visit: 7 April 2008

Date of Consultant’s Report: 7 April 2008

Institute’s Response:

We would like to thank Professor Steinberg for his thorough evaluation of our proposed BA program in Law, Technology and Culture. We are delighted that his report is so favorable and enthusiastic.

Professor Steinberg’s report makes four suggestions for strengthening this program. Each suggestion is listed below, followed by our response.

1. “The current roster of courses is expansive, but could be expanded even further with the addition of courses in cyber law and biotechnology, for example.”

   In fact, cyber law is already covered in one of the existing courses in the program core: IT 400 Information Technology and the Law. Similarly, biotechnology and the law will be covered in a new core course that has just gone into the NJIT undergraduate catalog: Hist 372 Medicine and Health Law in Modern America. More generally, however, we think that Professor Steinberg’s point is well taken, and we intend to develop new law-related courses according to the developing needs of the program and the qualifications and interests of the faculty.

2. “I think it is imperative that a hire be made in law and history. This person, as described in the LTC proposal, will be the program’s main coordinator and the primary student advisor. The success of this important new curricular initiative hinges on the success of this hire.”

   We agree, and plans are already underway to begin the process of hiring a new faculty member in Law and History, who will serve as the director of this program. Toward this end, an advertisement that has been drafted by the NJIT history faculty will soon be submitted to the Federated History Department and the Dean of CSLA for approval. Every effort will be made to ensure that we hire
an outstanding faculty member in this field who also possesses excellent program-building skills.

3. "During my site visit a number of faculty voiced concern about library resources and the possibility of budget cuts impinging on the ability of faculty to carry out their duties in the LTC program. For example, one person mentioned that LexisNexis, one of the premier legal databases, was in jeopardy of having its funding cut. This would be detrimental to the success of the LTC program and I would urge the administration to maintain that subscription. Indeed the university ought to consider expanding its subscription base by including the excellent Hein Online. These databases provide legal scholars and students with the ability to search legal cases and state and federal statutory law. They are essential tools that should be accessible to students and faculty in the LTC program; the university should make every effort to see that these library needs are satisfied."

The issue of library funding for new programs is reviewed by the university’s administration in consultation with the library staff. The current and planned library holdings are adequate for this program which is currently not scheduled to come on line until September 2009. Additional databases will be added as needed based upon student enrollment in the new program.

4. "During my site visit, there was discussion about forming an advisory committee for the LTC program. I would recommend that such a committee indeed be formed and that the committee be charged with oversight of the program including, but not limited to, yearly evaluations of the new law and history faculty hire who will be administering the program."

We agree, and steps have already been taken to establish a Law, Technology and Culture Advisory Committee, consisting of faculty from various NJIT colleges and departments who will be involved with the program, as well as key administrators (including the Dean of Admissions and the Associate Dean of the Albert Dorman Honors College).
TED (THEODORE) STEINBERG

Department of History
Case Western Reserve University
10900 Euclid Avenue
Cleveland, OH 44106-7107
(216) 368-4137
theodore.steinberg@case.edu

EDUCATION

Brandeis University, Ph.D., 1989, History of American Civilization
Tufts University, B.A., 1983, Summa Cum Laude with Special Honors in History

EMPLOYMENT

Adeline Barry Davee Distinguished Professor of History, Case Western Reserve University, Cleveland, 2006–present
Professor of Law, Case Western Reserve University, Cleveland, 1999–present
Professor of History, Case Western Reserve University, Cleveland, 1999–2006
Associate Professor of History and Law, Case Western Reserve University, Cleveland, 1996–1999
Assistant Professor of History, New Jersey Institute of Technology and Rutgers University—Newark, 1993–1996
Assistant Professor of History (non-tenure track), University of Michigan, Ann Arbor, 1990–1993

RESEARCH INTERESTS

Environmental History
Social History
U.S. Historiography
19th/20th-Century U.S. History

Legal History
Natural Hazards
Industrialization

FELLOWSHIPS, HONORS, & AWARDS

Hartman Hotz Lectures in Law and Liberal Arts, University of Arkansas, 2007
B. Benjamin Zucker Fellow, Yale University, 2006
Nominee, Carl F. Wittke Undergraduate Teaching Prize, Case Western Reserve University, 2006
Winner, National Outdoor Book Award (Nature/Environment category) for *Down to Earth: Nature’s Role in American History*, 2002
Winner, Ohio Academy of History Outstanding Publication Award for *Acts of God: The Unnatural History of Natural Disaster*, 2001
American Council of Learned Societies, Burkhardt Fellow, 2000–2001
John Simon Guggenheim Memorial Foundation Fellow, 1996
Spencer Foundation, Research Grant, 1995–1996
Co-winner, Willard Hurst Prize in American Legal History, for *Nature Incorporated*, 1992
Winner, Old Sturbridge Village E. Harold Hugo Memorial Book Prize (best book on the history and material culture of rural New England) for *Nature Incorporated*, 1992
American Council of Learned Societies, Grant-in-Aid, 1992–1993
Postdoctoral Scholar, Michigan Society of Fellows, University of Michigan, Ann Arbor, 1990–1993
Irving and Rose Crown Fellowship in the History of American Civilization, Brandeis University, 1984–1989
Phi Beta Kappa, Delta Chapter, Tufts University, 1983
Russell E. Miller History Prize, Tufts University, 1983

**BOOKS**


**SCHOLARLY ARTICLES**


**BOOK REVIEW ESSAYS**

Agricultural History
American Historical Review
Environmental History
Isis
Journal of American History
Journal of Interdisciplinary History
Journal of Ecological Economics
Journal of Social History

Journal of Southern History
Law and History Review
Northwest Ohio Quarterly
Pacific Historical Review
Pennsylvania Magazine of History and Biography
Public Historian
Radical Historians Newsletter
RADIO & TELEVISION INTERVIEWS

A&E Television Network.
Bloomberg Radio (New York)
CBC (Toronto)
CBS Sunday Morning Show
CHOK (Sarnia, Ontario)
CKLW (Bingham Farms, MI)
KAHL (San Antonio, TX)
KFOX (San Jose, CA)
KPCC (Southern California Public Radio)
KQRS (Minneapolis-St. Paul)
KRLA (Los Angeles)
KSTP (Minneapolis-St. Paul)
KUAF (Fayetteville, AR)
KXEL (Waterloo, IA)
KWGS; Tulsa's Public Radio (Tulsa, OK)
KWMR (West Marin County, CA)
Minnesota Public Radio (St. Paul)
National Radio (Wellington, New Zealand)
Powernomics Radio Network (Washington, DC)
SIRIUS Satellite Radio (channel 112)

OTHER ACTIVITIES

Executive Committee, American Society for Environmental History, 2003–2006
Editorial Board, Environmental History, 2002–present
President, Phi Beta Kappa, Alpha of Ohio, 2003–present

Talk Radio Network
WBAL (Baltimore)
WBUR (Boston)
WCNP (Cleveland)
WFPL (Louisville)
WGST (Atlanta)
WHAT (Philadelphia)
WHO (Des Moines)
WHYY (Philadelphia)
WJCU (University Heights, OH)
WJW/FOX8 (Cleveland)
WKBN (Youngstown, OH)
WKOMO (Seattle)
WLW (Cincinnati, OH)
WMUB (Oxford, OH)
WNBC (New York City)
WOSU (Columbus, OH)
WPHT (Philadelphia)
WPR, Wisconsin Public Radio (Madison)
WPTT (Pittsburgh, PA)
WREL (Lexington, VA)
WTKF (Newport, NC)
WWRL (New York City)
WVIZ/PBS (Cleveland)
WZTK (Burlington, NC)
7A. Report of Gifts and Fund Raising Activities

#### Comparison of Total Giving Year to Date:

<table>
<thead>
<tr>
<th>Source</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Sources</td>
<td>$6,365,628</td>
<td>$7,064,617</td>
<td>$11,403,844</td>
</tr>
<tr>
<td>All Sources without Gifts in Kind</td>
<td>$4,459,609</td>
<td>$5,965,554</td>
<td>$9,374,156</td>
</tr>
<tr>
<td>Matching Gifts</td>
<td>$123,305</td>
<td>$134,465</td>
<td>$143,407</td>
</tr>
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</table>

#### Comparison by Donor Type Year to Date for 2006, 2007 and 2008

<table>
<thead>
<tr>
<th>Category</th>
<th>Giving</th>
<th>%</th>
<th># Donors</th>
<th>$ Giving</th>
<th>%</th>
<th># Donors</th>
<th>$ Giving</th>
<th>%</th>
<th># Donors</th>
<th>%</th>
<th>% Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alum</td>
<td>$1,405,894</td>
<td>22.09</td>
<td>3,775</td>
<td>$1,596,293</td>
<td>22.60</td>
<td>4,108</td>
<td>$2,812,056</td>
<td>24.66</td>
<td>4,298</td>
<td>+5</td>
<td>+76</td>
</tr>
<tr>
<td>Corp</td>
<td>$3,571,488</td>
<td>56.11</td>
<td>283</td>
<td>$2,994,385</td>
<td>42.39</td>
<td>384</td>
<td>$3,903,913</td>
<td>34.23</td>
<td>420</td>
<td>+9</td>
<td>+30</td>
</tr>
<tr>
<td>Foundations</td>
<td>$663,541</td>
<td>10.42</td>
<td>25</td>
<td>$999,605</td>
<td>14.15</td>
<td>23</td>
<td>$2,908,311</td>
<td>25.50</td>
<td>30</td>
<td>+31</td>
<td>+191</td>
</tr>
<tr>
<td>Friends</td>
<td>$508,639</td>
<td>7.99</td>
<td>469</td>
<td>$751,038</td>
<td>10.63</td>
<td>535</td>
<td>$1,518,443</td>
<td>13.32</td>
<td>735</td>
<td>+37</td>
<td>+102</td>
</tr>
<tr>
<td>Other</td>
<td>$216,067</td>
<td>3.39</td>
<td>19</td>
<td>$723,296</td>
<td>10.24</td>
<td>23</td>
<td>$261,121</td>
<td>2.29</td>
<td>18</td>
<td>-22</td>
<td>-64</td>
</tr>
</tbody>
</table>

#### Totals:

|             | $6,365,628 | 100.0 | 4,571    | $7,064,617 | 100.0 | 5,073     | $11,403,844 | 100.0 | 5,501    | +9  | +62       |

#### Year End Totals

<table>
<thead>
<tr>
<th></th>
<th>Total Dollars</th>
<th>% of FY06 Funds Raised</th>
<th>% of Year Elapsed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$7,159,033</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>2007</td>
<td>$8,205,298</td>
<td>115%</td>
<td>100%</td>
</tr>
<tr>
<td>2008</td>
<td>$11,403,844</td>
<td>159%</td>
<td>83%</td>
</tr>
</tbody>
</table>

---

1. Alumni – Spats Bequest $1M, Burt $192K Planned Gift, Raporito $100K Bequest, Stark $90K Bequest
2. Foundations – Stabile $1.5M, Leir $400K, Kessler $362K, Anonymous $120K
3. Friends – Murawski $700K, Metz $202K, Schnack $150K
4. Other – Student Senate $300K, CII $100K, Vanguard (Dow) $100K
HIGHLANDERS ATHLETICS CAMPAIGN

Update Internal-Confidential  April 30, 2008

Campaign Purpose
The purpose of the Highlanders Athletics Campaign is to raise funds necessary to upgrade selected athletics facilities and increase the amount of money available for athletic scholarships. $5 million goals has been set, which will provide $3 million for athletics facilities, $1.5 million for athletic scholarships and $500,000 for program support.

<table>
<thead>
<tr>
<th>Campaign Progress</th>
<th>2/29/08</th>
<th>3/31/08</th>
<th>4/30/08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash in Hand</td>
<td>$2,581,077</td>
<td>2,715,816</td>
<td>2,735,242</td>
</tr>
<tr>
<td>Balance of Pledges</td>
<td>$1,384,169</td>
<td>1,329,338</td>
<td>1,318,731</td>
</tr>
<tr>
<td>Total</td>
<td>$3,965,246</td>
<td>4,045,165</td>
<td>4,053,974</td>
</tr>
</tbody>
</table>

NAMING OPPORTUNITIES TAKEN

Basketball Court  $500,000 committed Zoom & Bruce Fleisher
Score Board      $100,000 committed Pepsi Cola
Executive Director Office $100,000 committed Vincent Naimoli
Electronic Message Scoreboard $50,000 committed King and Helen Moy

Campaign Activities
Upcoming:
- On May 20, 2008, a cultivation dinner will be held at the President’s residence for high prospect athletic alumni.
- The 10th Annual Golf Classic will be held on October 6, 2008, at the Cedar Hill Golf & Country Club in Livingston, NJ.

Recent Activities:
- On April 20, 2008, NJIT hosted the annual Florida alumni baseball event at the Tampa Rays home field, Tropicana Stadium.
- On April 19, 2008 a private reception for select alumni was held at Vince Naimoli’s residence in Tampa, Florida.
- In March 2008, Robert Dow ’69 contributed an additional $100,000 to his fencing endowed scholarship that was established in June 2007.
- We received the $30k pledge from Turner Construction in March 2008, from the proceeds of their annual golf outing held on October 9, 2007.
- In February 2008, we received $50k toward the Estelle and Zoom Fleisher Scholarship from individual donors who attended the “Zoom Fleisher Birthday Celebration.”
- An all inclusive campus event celebrating the 25th anniversary of women’s sports was held on March 29, 2008. The key note speaker is Linda Cohn.
- Two major gift commitments were received in December 2007, John Olson $25k (Endowed Athletic Scholarship) and Charles Lubetkin $30k (Endowed Soccer Scholarship.)
- On December 4, 2007, a cultivation dinner was held at the President’s residence celebrating the 25th anniversary of women in athletics at NJIT.
- To capitalize on NJIT’s pre-season NIT participation, individual appointments were scheduled for Arizona, November 10-12 and Seattle 13-14, 2007.
- Over $90,000 was raised at the 9th annual Highlander Golf Classic held on October 1, 2007.
- In September 2007, in connection with the soccer games with San Diego State and University of San Diego, the President hosted an alumni reception. In addition, the President and the Vice President for University Advancement completed a number of individual appointments in the San Diego area.

**On Going:**
- The Bob & Dot Swanson Athletics Scholarship, with a target goal of $250,000, is counting $76,219 in gifts and pledges.
- The Mal Simon Soccer Fund has raised $546,419.
- Ham Bowser ’52 and Dona Hauser, the wife of the late Paul Hauser have initiated a campaign for the Paul Hauser Fencing Fund. The Hauser Fund has raised $25,750 from fourteen donors.
- Nine baseball alumni donors have contributed $15,320.
7B. Fund Raising Growth Strategies
DEVELOPMENT GROWTH STRATEGIES

The Highlander Athletics Campaign is in the final stages with 80% of the goal achieved. We anticipate that the campaign will come to a successful conclusion in the fall 2008.

The campaign staff has been working with counsel, Changing Our World, to complete the feasibility study by May 2008 to ensure the strength of the campaign’s message and to help identify the top prospects. Feasibility study interviews are currently in progress. With a target to interview at least 100 people, 81 have been completed or scheduled to date. In addition, 78 responses to the mail survey have been received. Identification and recruitment of volunteer leaders to form the nucleus of the Campaign Steering Committee is projected for June 2008.

The Annual Fund, as of April 2008, is demonstrating a 5% increase in Alumni donors and 76% increase in alumni dollars. Overall increases in donors and dollars are currently at 9% and 62% respectively. The Phonathon has been revamped to encourage credit card payments, which should result in fewer outstanding ledges at the end of the fiscal year. In addition, for the first time, alumni will have the option of making multiple credit card payments for pledges of $100 or more.

The Development team has continued to cultivate and expand advisory boards and alumni councils, encouraging the involvement of deans and department chairs, and using one-to-one solicitation methods to the greatest extent possible. Targeted dinners and receptions remain strategic to the cultivation process. These initiatives are expected to garner a 25% increase in funds raised for each college and generate an expanded pool of major donor prospects for the campaign.

The staff continues to work to expand the Leadership Circle, donors who give annually at the highest levels, and reinforce sustained membership. Focus will be on the acquisition of new donors at the thresholds of the major-giving ladders. By June 30th 2008, the goal is a 5% increase in the number of Leadership Circle donors. Leadership Circle Gift Clubs currently include: Eberhardt Society ($25,000), Weston Society ($10,000 or more), Founders’ Club ($5,000 - $9,999), President’s Circle ($1,000-$4,999), Dean’s Club ($500-$999), and Annual Fellow ($100-$499). Other Gift Clubs include: Olympian Society (Lifetime giving of $1m or more), Golden Circle (10 years of consecutive giving), and the 1881 Society (Planned Gifts).

The Planned Giving Program will continue to employ a variety of outreach methods. They include; local and regional cultivation visits/events with alumni and friends, stewardship events for members and prospective members of the 1881 Society, financial and estate planning seminars designed for alumni, faculty/staff and civic organizations, newsletters and postcards, as well as e-communications and articles in the alumni magazine, continued coordination with the respective development officers and a presence on the Web at www.njit.edu

May 2008
5. Announcement of Next Meeting
Chairperson’s Closing Statement
BOARD OF TRUSTEES

RESOLUTION RE: CLOSED SESSION TO DISCUSS PERSONNEL MATTERS, REAL ESTATE AND CONTRACT MATTERS.

WHEREAS, THERE ARE MATTERS THAT REQUIRE CONSIDERATION BY THE BOARD OF TRUSTEES THAT QUALIFY UNDER THE OPEN PUBLIC MEETINGS ACT FOR DISCUSSION AT A CLOSED SESSION.

NOW, THEREFORE, BE IT RESOLVED, THAT THE BOARD OF TRUSTEES SHALL HAVE A CLOSED SESSION TO DISCUSS MATTERS INVOLVING PERSONNEL, REAL ESTATE AND CONTRACTS TO TAKE PLACE ON JULY 17, 2008 AT 9:30 AM, EBERHARDT HALL NJIT ALUMNI CENTER BOARD ROOM.