

CAA  
AGENDA  
JULY 16, 2008

1. Approval of the Minutes
2. Report of the President (R. Altenkirch)
3. Report of the Provost (P. Nelson)
  - a. Institute workshops
    - i. Concepts for new topics, rescheduling developed topics
  - b. Open Forums
    - i. Past: MTSE, Media and Information, Infrastructure
    - ii. July 23: Bio and Health Care S&E
    - iii. August 13: Greening and Sustainability
    - iv. August 27: Computational Modeling and Simulation
  - c. Web developments
    - i. Graduate Student site developments
    - ii. Faculty profile pages
    - iii. Faculty annual report
    - iv. Majors and curriculum pages
  - d. Spring 2009 course schedule development
  - e. Nonaligned merit (E. Lerner)
  - f. New faculty orientation and reception (R. Federici)
  - g. THE Tunnel Project
4. Report of the Associate Provost (D. Knox)
  - a. University Convocation – September 3
  - b. Commencement and survey
5. Fall 2008 Enrollment Update, and planning for Fall 2009 Enrollment (J. Bloom)
6. Other Business

**CAA  
Minutes  
May 21, 2008**

Voting members or their representatives: M. Baltrush, M. Bieber, A. Bladikas, F. Deek, N. Elliot, D. Knox, W. Konon, N. Loney, S. Mitra, P. Nelson, D. Papageorgiou, R. Sher, R. Sodhi, N. Steffen-Fluhr, R. Sweeney, B. Tedesco, A.R. Thompson, D. Ullman

Others: R. Federici, J. Feeney, J. Gentul, J. Grundy, K. Kelly, H. Kimmel, E. Lerner, T. Marhaba, B. Tedesco, W. Reynolds, J. Robertson, G. Spak, H. Stern, P. Teklinski, A. R. Thompson, J. Thompson, C. Venanzi, G. Widmeyer

The minutes of the April 16, 2008 meeting was approved as written.

**Report of the Provost**

P. Nelson thanked all involved, but especially the Provost's Office staff, for all of the work done on Commencement 2008. It was well attended. There were a few problems with the acoustics.

T. Marhaba was introduced as the incoming chair of the UCRC. The May 5, 2008 summary minutes were distributed as follows:

Humanities announced changes to its remedial sequence Hum 099-100. Students who pass Hum 099 will now go directly to Hum 101. Hum 100 is being eliminated.

Chemistry announced the creation of new 300 and 400 level independent study courses.

Industrial Engineering announced a course title change for IE 455.

Small changes to several Chemical Engineering courses were approved.

A revision to the Applications Environment portion of the IS degree was approved.

Nine new Arch courses were approved. All are related to the proposed degree programs in Arch.

Three new Math courses were approved. All are related to the proposed degree programs in Math.

A new CPT course was approved (CPT 320).

Small changes to the Chemistry and to the Environmental Sciences curricula were approved.

The following motion was approved: Any accelerated 7-year degree program requires a minimum number of 105 credits.

A new Bioinformatics accelerated 7-year pre-medical program was approved.

The following motion was approved: All proposed degree programs considered by UCRC during the Academic Year 2007-2008 are granted final UCRC approval. Any remaining courses that have not yet been approved by UCRC must be so designated in the catalog until the time they are finally approved.

Catalog descriptions for new degree programs, including course descriptions for courses remaining to be developed, must be transmitted to the registrar no later than June 30, 2008.

Several items were discussed including: the XF grade policy, graduation requirements and the CSLA C grade policy.

Taha Marhaba was elected chair of UCRC for the 08-09 Academic Year.

J. Grundy presented the Graduate Council Minutes. The course approval information and new information on Optional Practical Training follows:

**Course and Program Approval.**

**Graduate Certificates for 2008-2009 – E. Lieberman.**

Ellen Lieberman gave a report on the status of the current (public-access) Graduate Certificates and the proposed slate of certificates for 2008-2009. While most certificates remain on the books, only those reported as being on the active slate are actively promoted by CPE. For 2008-2009, there will be 17 public access certificates, 7 are new and 1 is a revised certificate, the others continue from 2007-2008. Twelve are offered completely on-line. After a review of the slate and the standing Graduate Council procedures for development, approval and quality control, the slate was approved.

**MBA Retitle – deleted from the agenda.**

**Chem 737, Applications of Computational Chemistry and Molecular Modeling – C. Venanzi.**

This course had been offered as a Special Topic for some time and was now proposed under its own number and approved.

EVSC 626, Hydrogeology – C. Venanzi. - This course had also been offered as a Special Topic for some time and was now offered and approved under its own number. It was noted that it could possibly be cross-listed with CE but that will require action by both departments and a Course Change Form.

MIP Course Nomenclature Changes – This item was deferred to the May 15<sup>th</sup> meeting.

MGMT 681, Project-Based Enterprise Development – M. Schneider. This course is needed for several of the new MS programs and was approved.

MS in Pharmaceutical Chemistry – C. Venanzi. - Carol Venanzi presented this new MS program for approval. No other college in New Jersey offers this degree. After a discussion, the program was approved and will now move to the CAA for further approval.

Changes in OPT Policy – J. Grundy. - Jeff Grundy reported on a major regulatory change that will impact all our international students and NJIT – an allowed increased in time for Optional Practical Training after graduation and increased federal monitoring and reporting requirements on student activities after graduation. The time has been extended to a possible 29 months from the current 12 months. This change will also eliminate the current gap in time between the end of OPT and the first date to make an application for H1B visa status. The change only impacts selected employment categories and types of employers but these match very well against NJIT majors. The change provides an excellent recruitment opportunity to attract international students to come to NJIT and that will be noted to prospective students.

Those involved in developing the academic “greening” plans will meet during the summer.

The Institute Workshop Series was very successful this year. We need ideas for additional workshops. R. Rockland may need to hand this effort off to someone else.

#### Report of the Associate Provost

D. Knox thanked everyone for their help with Commencement – especially R. Federici. Comments should be sent to D. Knox.

Convocation will be held September 3, 2008 and will be organized over the summer. Convocation is always the first Wednesday in September. Anyone who received an award or recognition since September 2007 can be recognized in the convocation program; send the information to D. Knox. The convocation speaker will be Alice White of Alcatel-Lucent.

The catalog is being updated. Work is ongoing on the transfer website with academic information to be linked to the admissions website.

Program reviews are ongoing. Part of the Middle States requirements provide that programs must be reviewed once every ten years if not subject to other reviews (e.g. ABET). CSLA and SoA will be contacted regarding the procedure for reviews during the next academic year.

Information on the space survey will be sent out for review, comment, and updating.

The last meeting of the Academic Issues Committee for AY 07-08 was held in June. All programs that we submitted were approved.

#### Report of the Joint Distance Learning Advisory and Teaching, Learning and Technology Committees – G. Spak

The AY 08 Subcommittees met and discussed the following:

1. Process to Recommend New Online Degree Programs
2. Distance Learning Fee – Budget and New Directions
3. Course Evaluations – Mid-term and Final; Online and FTF
4. Intellectual Property on Materials Developed for Online Use
5. Learning Management System Platform(s)
6. Undergraduate Computer Requirement
7. Review of Academic Software Available

Looking Forward to AY 2009, the following can be expected:

- Sub-committee work structure continues
- Work with related committees, UCRC, Graduate Council, Faculty Council as needed
- Policy recommendations brought to CAA as needed.
- Topics for Sub-committee work submitted the Co-Chairs: D. Knox, G. Spak, D. Ullman

Suggestions made included consideration of in-class technology.

M.S. in Pharmaceutical Chemistry – C. Venanzi

C. Venanzi presented the M.S. in Pharmaceutical Chemistry for approval by the CAA. A suggestion was made regarding the math requirements – that there is a need to develop and add an appropriate bridge course at the 500 level.

A MOTION WAS MADE AND SECONDED TO APPROVE THE M.S. IN PHARMACEUTICAL CHEMISTRY. THE MOTION CARRIED.

#### Other Business

Faculty forums will be scheduled during the summer to provide an opportunity for faculty to present their research and educational involvement in various areas. There will be group discussions about connections, collaborations, future efforts etc.

The TAP document was approved at the last faculty meeting (without the preamble). There may be a meeting during the summer re: TAP. We need a re-worked annual faculty report to be hand in hand with the TAP process.

N. Van Houten and N. Tworischuk will conduct training sessions on request re: the University Safety and Environmental Management System Manual.

There will be a new faculty orientation on August 26, 2008. It was suggested that we have a poster session in conjunction with the reception.

A meeting with visitors from China is tentatively scheduled for Friday, May 30, 2008; please RSVP to I. Bracero.

J. Feeney said that 37 faculty still need to comply in order for there to be 100% compliance regarding travel reporting.

# New Jersey Institute of Technology

FY2009 Proposed Budget

July 2008

# New Jersey Institute of Technology

## FY2009 Budget Overview

- Decrease in base State funding totaling \$5.7 million
- Projected partial State funding (\$2.1 million) of FY09 salary program (\$4.2 million expense), resulting in an unfunded net cost of \$2.1 million
- Funds (\$1.5 million) from the Faculty Separation Incentive Program to allow the hiring of 9 new faculty and start-up and an additional 11 faculty hires for FY10 (start Fall 09)
- \$1.7 million increase due to AY08/09 projected enrollment growth
- \$6.0 million additional revenue generated from 8% tuition (price) increase for undergraduate and graduate students
- \$1.4 million additional fee revenue based on an 8% rate increase supporting technology, athletics, and facilities debt service
- 17.7% increase in student awards (including strategic plan allocations)

# New Jersey Institute of Technology

## FY2009 Budget Overview (cont.)

- Continued investment in Strategic Priorities (\$2.5 million)
- \$1.7 million increase in required debt service
- 1.3% of the recurring operating budget built on non-recurring funds compared to 0.23% for FY2008 (\$2.7 million One-Time Funds / \$207 million Total Operating Budget)
- Limited residence hall rate increase to 3.5% to meet external competition
- 5% continued steady growth in restricted grants and contracts
- Funds \$7.8 million in capital maintenance projects

# New Jersey Institute of Technology

## **FY2010 Budget Obligations**

- \$2.7 million one-time funds used to balance FY2009 budget
- FY10 salary program
- \$1.6 million deferred capital maintenance projects

<b>FY09 Preliminary Budget Adjustments (\$000"s)</b>			
<b>Action</b>	<b>Revenue Change</b>	<b>Expense Change</b>	<b>Net Change</b>
<b>FY08 Unrestricted Budget @7/1/07</b>	<b>\$196,997</b>	<b>\$196,997</b>	<b>\$0</b>
<b>FY08/09 Adjustments</b>	<b>(\$5,522)</b>	<b>(\$5,052)</b>	<b>(\$470)</b>
<b>Adjusted FY09 Base Budget</b>	<b>\$191,475</b>	<b>\$191,945</b>	<b>(\$470)</b>
<b>Revenue Reductions/Mandatory Commitments</b>	<b>(\$3,524)</b>	<b>\$9,216</b>	<b>(\$12,740)</b>
<b>Revenue Enhancements/Expenditure Reductions</b>	<b>\$14,144</b>	<b>(\$2,864)</b>	<b>\$17,008</b>
<b>Strategic Plan-Student Recruiting</b>	<b>\$2,101</b>	<b>\$1,694</b>	<b>\$407</b>
<b>Strategic Plan-Quality of Life</b>	<b>\$550</b>	<b>\$1,026</b>	<b>(\$476)</b>
<b>Strategic Plan-Private Resources/National Programs</b>		<b>\$993</b>	<b>(\$993)</b>
<b>Strategic Plan-Research</b>	<b>(\$28)</b>	<b>(\$248)</b>	<b>\$220</b>
<b>Total Recurring</b>	<b>\$204,718</b>	<b>\$201,762</b>	<b>\$2,956</b>
<b>Transfer to Plant for capital projects</b>		<b>\$2,956</b>	<b>(\$2,956)</b>
<b>Total</b>	<b>\$204,718</b>	<b>\$204,718</b>	<b>\$0</b>

# New Jersey Institute of Technology

## FY2009 Critical Funded Positions (\$000's)

<b>FSIP FY09 New Hires (9 FTE's) and Start-Up</b>	<b>1,496</b>
<b>Other Faculty Hires (3 FTE's)</b>	<b>279</b>
<b>IST Staff (3 FTE's)</b>	<b>196</b>
<b>Undergraduate Advisor - Computer Science</b>	<b>50</b>
<b>Assistant to the Chair - Biomedical Engineering</b>	<b>61</b>
<b>Administrative Assistant - Financial Aid</b>	<b>43</b>
<b>NCAA Division I Personnel</b>	<b>323</b>
<b>Restricted Fund Accountant</b>	<b>47</b>
<b>Human Resources Generalist</b>	<b>46</b>
<b>Customer Service Representative - Alumni Relations</b>	<b>45</b>
<b>Lab Specialist</b>	<b>60</b>
<b>Total Critical Positions Funded</b>	<b>2,646</b>

# New Jersey Institute of Technology

## Review of Annual Operating Budget FY2003 - FY2009

	State Request	Base State Appro.	Fiscal Year Shortfall	% Fiscal Year Shortfall	Tuition/Fee Revenue	Tuition/Fee Revenue Increase	Annual % Increase Tuition	% Tuition Cap	Budgetary Expenditure Reductions/Reallocations
<b>FY03</b>	55,896	49,621	(6,275)	-11.2%	67,596	5,218	9.7	-	(2,896)
<b>FY04</b>	52,367	48,690	(3,677)	-7.0%	72,777	5,181	8.5	9.0	(3,936)
<b>FY05</b>	51,526	50,112	(1,414)	-2.7%	74,462	1,685	8.0	8.0	(6,070)
<b>FY06</b>	53,131	51,512	(1,619)	-3.0%	80,024	5,562	7.0	8.0	(3,303)
<b>FY07</b>	56,564	47,132	(9,432)	-16.7%	83,605	3,581	7.0	8.0	(11,567)
<b>FY08</b>	50,209	49,097	(1,112)	-2.2%	95,038	11,433	7.0	-	827
<b>Cumulative (FY03-FY08)</b>			(23,529)						
<b>FY09</b>	53,238	45,537	(7,701)	-14.5%	104,178	9,140	8.0	-	(4,707)

# New Jersey Institute of Technology

## FY2009 Budget Development Review of Tuition Revenue

	<u>FY2003</u>	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>
Base Tuition	\$ 52,911	\$ 55,551	\$ 60,011	\$ 64,800	\$ 67,062	\$ 76,852	\$ 82,324
Gross Tuition Increase %	9.7%	8.5%	8.0%	7.0%	7.0%	7.0%	8.0%
Gross Tuition Increase \$	\$ 5,132	\$ 4,722	\$ 4,801	\$ 4,536	\$ 4,697	\$ 5,380	\$ 6,586
Less: Additional Student Awards	<u>\$ (606)</u>	<u>\$ (1,139)</u>	<u>\$ (1,714)</u>	<u>\$ (827)</u>	<u>\$ (1,770)</u>	<u>\$ (2,289)</u>	<u>\$ (2,736)</u>
Net Additional Tuition \$	\$ 4,526	\$ 3,583	\$ 3,087	\$ 3,709	\$ 2,927	\$ 3,091	\$ 3,850
Actual % Yield From Rate Increase	8.6%	6.4%	5.1%	5.7%	4.4%	4.0%	4.7%
Tuition Increase Discount %	11.8%	24.1%	35.7%	18.2%	37.7%	42.5%	41.5%

# New Jersey Institute of Technology

## Analysis of FY2009 Proposed Budget Summary of One-Time Funds Needed (\$000's)

	FY08	FY09	Variance	
	ORIGINAL OPERATING BUDGET	PROPOSED OPERATING BUDGET	\$	%
STATE BASE OPERATING APPROPRIATION	48,490	43,437	(5,053)	-10.4%
STATE SALARY PROGRAM APPROPRIATION	607	2,100	1,493	246.0%
<b>TOTAL</b>	<b>49,097</b>	<b>45,537</b>	<b>(3,560)</b>	<b>-7.3%</b>
TUITION + FEE REVENUE	95,038	104,178	9,140	9.6%
<b>TOTAL</b>	<b>144,135</b>	<b>149,715</b>	<b>5,580</b>	<b>3.9%</b>
ADDITIONAL EXPENSES			(9,817)	
FY08 ONE-TIME FUND PAYOFF			(470)	
<b>VARIANCE - SURPLUS / (SHORTFALL)</b>			<b>(4,707)</b>	
FY08 ONE-TIME CARRYFORWARD			5,000	
TRANSFER TO PLANT			(2,956)	
<b>FY09 ONE-TIME FUNDS IN OPERATING BUDGET</b>			<b>(2,663)</b>	

# New Jersey Institute of Technology

## FY 2009 Proposed Facilities Budget/ Cash Disbursements (\$000's)

<u>Resources</u>	<u>FY 2008 Approved</u>	<u>FY2009 Proposed</u>	<u>FY2010+ Planning</u>
Plant Fund Allocation	3,800	2,956	
Enterprise Dev Ctr Income	1,100		
Plant Fund	700	4,870	
<b>Total Resources</b>	<b>5,600</b>	<b>7,826</b>	<b>-</b>
<u>Projected Disbursements</u>			
<u>Priority/Tactic</u>			
<i>Develop a core of nationally recognized programs</i>			
<i>Build three programs to national prominence by 2008</i>			
Expanded SOA studio space Fall 07	600		
Tiernan, GITC and York Updates/Relocations	200	2,300	
SOA Studios / Related Relocations		880	
<b>Total</b>	<b>800</b>	<b>3,180</b>	<b>-</b>

# New Jersey Institute of Technology

## FY 2009 Proposed Facilities Budget/ Cash Disbursements (cont.)

	<u>FY 2008</u> <u>Approved</u>	<u>FY2009</u> <u>Proposed</u>	<u>FY2010+</u> <u>Planning</u>
<b><i>Enhance and enrich the quality of life of the university community and Develop and implement a landscaping/campus appearance</i></b>			
<b>Class/Lab Upgrade Expansion</b>			
Particle Labs Relocation, Phase 1	150		
Leir/ Exec. Mgt Conference/lecture room	400		
Concrete Labs	275		
NCE Upgrades	50		
York Student Workstations			25
Microelectronics Controls			375
ECE Wireless Lab			25
Classrooms Upgrades		100	
Fenster BME Wet Lab			65
Colton Computational Biology Lab			60
Stable Lab	550		
Tiernan Fume Hood Upgrade 2 labs	150	250	
Academic Departments	200	100	
	<hr/>	<hr/>	<hr/>
	1,775	450	550
<b>Campus Center</b>			
Upgrade Highlander Club	100		
Food Services Update	250	486	
Total	<hr/>	<hr/>	<hr/>
	350	486	-
<b>Athletics</b>			
Fleisher Gym HVAC Upgrade	50		
Enhance/Replace Heating and Cooling Systems			1,050
Training Room/ Locker Room Upgrades		100	325
Total	<hr/>	<hr/>	<hr/>
	50	100	1,375

# New Jersey Institute of Technology

## FY 2009 Proposed Facilities Budget/ Cash Disbursements (cont.)

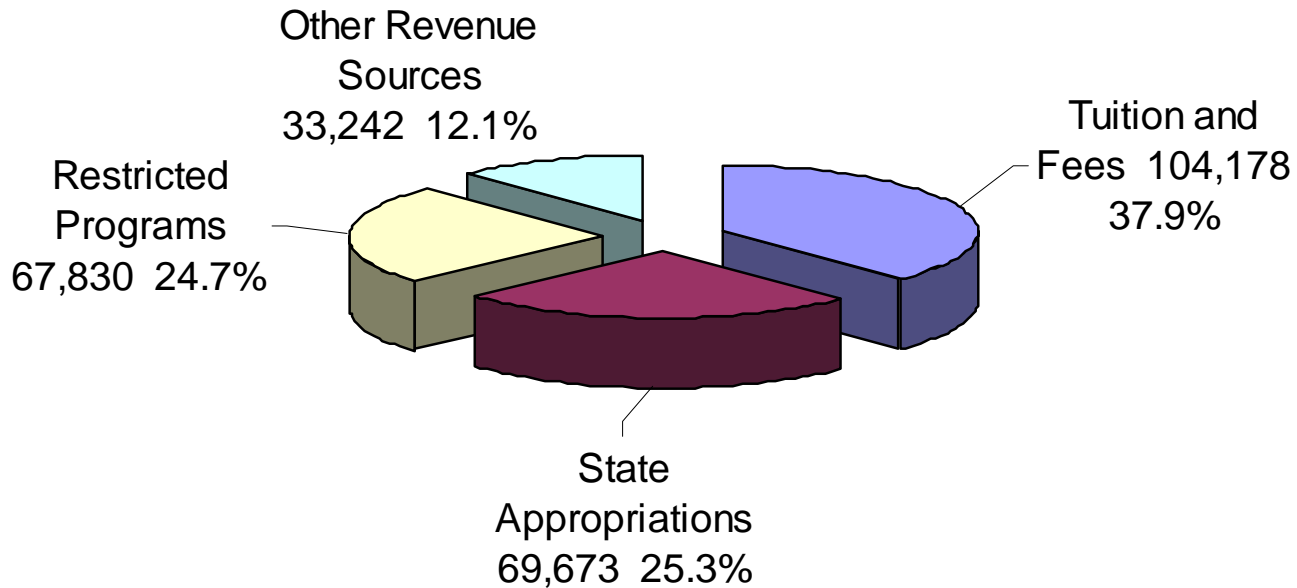
	<u>FY 2008</u> <u>Approved</u>	<u>FY2009</u> <u>Proposed</u>	<u>FY2010+</u> <u>Planning</u>
<b><u>Other Plant Projects</u></b>			
Replace kitchenettes - Oak Hall (1/2)	340	375	
Emergency Generator Replacement - Central Ave Bldg	80		
Faculty Hall EPA Compliance - Ductwork Replace Air Handler	160	55	
Upgrade power for Computer Center	410		
Fire Pumps Replacement Redwood Hall	45		
NJDEP Monitoring wells	90		
EDC III Fit Out	1,100		
CAB - Repl AC 1,2,3 and Heating Valves			550
Repl Roll filters with Racks / Repl Hydraulic Oil			375
Colton - Demolish Boilers, remove asbestos			300
Oak Hall - Upgrade Valves/Control System - New Chiller/Pumps Required			280
Parking Deck - Paint and Waterproof			375
Compressor Replacement			200
Roof Replacements			1,945
MEP Upgrades (Mechanical, Electrical, Plumbing)			8,530
Specht HVAC Replacement			100
Cullimore Expansion of Telecomm			50
ECE Replacement of Rooftop Units			200
HVAC Upgrades	150	1,870	700
Replace Windows			1,000
Elevators Upgrade			1,040
Administrative Computing System		300	
Cullimore Boiler Room Upgrades		80	
Student Mall Boiler Replacement		80	
Kupfrian Installation of New Boiler		150	
Oak Hall - Replace Rooftop Heat Recovery Unit		100	100
Bathroom Fixtures and Plumbing Replacements		100	1,070
Other Projects	250	500	60
	<u>2,625</u>	<u>3,610</u>	<u>16,875</u>
<b>Land Acquisition/Paving</b>			<u>350</u>
<b>Total Projected Disbursements</b>	<u>5,600</u>	<u>7,826</u>	<u>19,150</u>
<b>Net</b>	<u>0</u>	<u>0</u>	<u>(19,150)</u>

# New Jersey Institute of Technology

## FY2009 Revenue Operating Budget

Revenue = \$274,923

(\$000's)

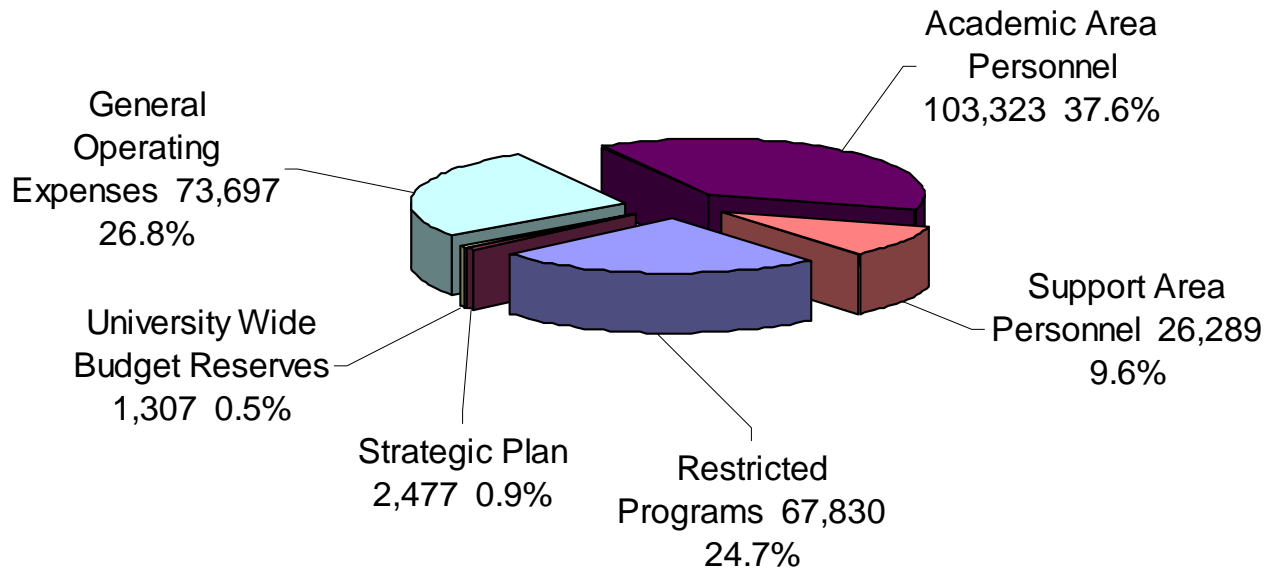


# New Jersey Institute of Technology

## FY2009 Expenses Operating Budget

Expenses = \$274,923

(\$000's)



# New Jersey Institute of Technology

## FY2009 Revenue Operating Budget

	FY08	FY09	FY09 BUDGET	
	ORIGINAL OPERATING BUDGET	PROPOSED OPERATING BUDGET	TO FY08 ORIGINAL BUDGET \$	%
<b>INCOME DETAIL - UNRESTRICTED OPERATIONS</b>				
REGULAR TUITION	82,232	88,910	6,678	8.1%
REGULAR FEES	10,973	12,386	1,413	12.9%
OTHER TUITION	1,833	2,882	1,049	57.2%
<b>SUBTOTAL REGULAR TUITION</b>	<b>95,038</b>	<b>104,178</b>	<b>9,140</b>	<b>9.6%</b>
<u>STATE APPROPRIATIONS:</u>				
STATE APPROPRIATION	48,490	43,437	(5,053)	-10.4%
SALARY PROGRAM	607	2,100	1,493	246.0%
STATE SUPPORTED FRINGES	22,000	24,136	2,136	9.7%
<b>TOTAL STATE APPROPRIATIONS</b>	<b>71,097</b>	<b>69,673</b>	<b>(1,424)</b>	<b>-2.0%</b>
<u>OTHER SOURCES:</u>				
OTHER FEES & ASSESSMENTS	1,820	1,965	145	8.0%
INVESTMENTS & UNRESTRICTED GIVING	1,400	1,100	(300)	-21.4%
AUXILIARIES	11,372	12,260	888	7.8%
NON-RECURRING CARRYFORWARD SAVINGS	5,097	4,530	(567)	-11.1%
ALLOCATED BALANCES - PO's	3,930	2,007	(1,923)	-48.9%
ALLOCATED BALANCES - OTHER	588	368	(220)	-37.4%
ALLOCATED BALANCES	4,518	2,375	(2,143)	-47.4%
UNRESTRICTED RESEARCH ACTIVITIES	10,585	11,012	427	4.0%
<b>SUBTOTAL OTHER SOURCES</b>	<b>34,792</b>	<b>33,242</b>	<b>(1,550)</b>	<b>-4.5%</b>
<b>TOTAL REVENUE - CURRENT OPERATIONS</b>	<b>200,927</b>	<b>207,093</b>	<b>6,166</b>	<b>3.1%</b>
<b>RESTRICTED PROGRAMS (NET OF OPERATIONS)</b>	<b>64,600</b>	<b>67,830</b>	<b>3,230</b>	<b>5.0%</b>
<b>TOTAL OPERATING INCOME BUDGET</b>	<b>265,527</b>	<b>274,923</b>	<b>9,396</b>	<b>3.5%</b>

# New Jersey Institute of Technology

## FY2009 Expense Operating Budget

	FY08	FY09	FY09 BUDGET TO FY08 ORIGINAL BUDGET	
	ORIGINAL OPERATING BUDGET	PROPOSED OPERATING BUDGET	\$	%
<b>EXPENSE DETAIL - CURRENT OPERATIONS</b>				
ACADEMIC & PROGRAM AREA SALARIES	78,266	80,423	2,157	2.8%
FACULTY SEPARATION INCENTIVE PROGRAM	1,734	-	(1,734)	-100.0%
ACADEMIC & PROGRAM AREA FRINGE BENEFITS	20,982	22,900	1,918	9.1%
<b>TOTAL ACADEMIC AREA</b>	<b>100,982</b>	<b>103,323</b>	<b>2,341</b>	<b>2.3%</b>
SUPPORT AREA SALARIES	20,102	20,512	410	2.0%
SUPPORT AREA FRINGE BENEFITS	5,350	5,777	427	8.0%
<b>TOTAL SUPPORT AREA</b>	<b>25,452</b>	<b>26,289</b>	<b>837</b>	<b>3.3%</b>
<b>TOTAL PERSONNEL</b>	<b>126,434</b>	<b>129,612</b>	<b>3,178</b>	<b>2.5%</b>
<b>NON-PERSONNEL</b>				
EQUIPMENT	3,073	3,233	161	5.2%
UTILITIES - PHYSICAL PLANT	8,055	9,005	950	11.8%
GENERAL OPERATING EXPENSES	21,886	21,509	(377)	-1.7%
LIBRARY COLLECTIONS	1,110	1,064	(46)	-4.1%
STUDENT AID	15,461	18,197	2,736	17.7%
MANDATORY TRANS. - DEBT SERVICE	11,639	13,293	1,654	14.2%
NON-MANDATORY TRANSFERS	5,931	5,021	(910)	-15.3%
PRIOR YEAR COMMITMENTS (ALLOCATED BALANCES)	3,930	2,375	(1,555)	-39.6%
<b>TOTAL NON-PERSONNEL</b>	<b>71,085</b>	<b>73,697</b>	<b>2,613</b>	<b>3.7%</b>
RE-INVESTMENT PROGRAM	1,435	2,477	1,043	72.7%
ADDITIONAL RE-INVESTMENT FUNDS	-	-	-	0.0%
UNIVERSITY WIDE BUDGET RESERVES	1,974	1,307	(667)	-33.8%
<b>TOTAL OPERATING EXPENSE BUDGET</b>	<b>3,409</b>	<b>3,784</b>	<b>376</b>	<b>11.0%</b>
<b>TOTAL OPERATING EXPENSE BUDGET</b>	<b>200,927</b>	<b>207,093</b>	<b>6,166</b>	<b>3.1%</b>
<b>RESTRICTED PROGRAMS (NET OF OPERATIONS)</b>	<b>64,600</b>	<b>67,830</b>	<b>3,230</b>	<b>5.0%</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>265,527</b>	<b>274,923</b>	<b>9,396</b>	<b>3.5%</b>

# NJIT GRADUATE STUDENT RECRUITMENT PLAN

Successful recruitment of graduate students requires a tactical plan that is implemented by departments across the entire university. At NJIT, responsibility for graduate student recruitment rests primarily with the Office of Graduate Admission and the Division of Continuing Professional Education. Academic departments currently provide secondary support for recruitment. The primary goal when recruiting graduate students is to enroll a sufficient number of new students each year so the university's overall enrollment goals are met. Secondary goals are focused on managing the graduate student population in terms of quality (GPA, GRE/GMAT, TOEFL, etc), status (full or part-time), demographics (sex, ethnicity, country of citizenship, etc) and major field of study.

An aggressive recruitment campaign is needed to increase the enrollment of master's and doctoral students, as well as maintain or increase the quality of new graduate students, at both the full and part-time levels. The campaign requires a higher level of active participation on the part of faculty and academic departments since prospective graduate students expect to communicate/interact with these individuals. The role of the Office of Graduate Admission, Office of Graduate Studies, and other administrative departments is to support the campaign through coordination of tactical and strategic recruitment activities.

The Graduate Recruitment Sub-Committee met several times to develop a comprehensive graduate student recruitment plan. The sub-committee was comprised of representatives from both academic and administrative departments. The members of the sub-committee are as follows:

Bruce Bukiet – College of Science and Liberal Arts  
Barry Cohen – College of Computing Sciences  
Atam Dhawan – Electrical and Computer Engineering  
Stephen Eck – University Admissions  
Rick Foulds – Biomedical Engineering  
Ron Kane – Graduate Studies  
Amo Kubeyinje – Graduate Admissions  
Jean Llewellyn – University Communications  
Jim Robertson – University Web Services  
Tony Schuman – New Jersey School of Architecture  
Barbara Tedesco – School of Management  
Reg Tomkins – Chemical Engineering

The plan identifies tactics (arranged by priority) that must be initiated to meet the graduate enrollment goals set by the university.

Submitted: January 24, 2008

# NJIT GRADUATE STUDENT RECRUITMENT PLAN

## Immediate Tactics

1. Acquire prospective student names through GRE and GMAT student locator services
  - a. Purchase by program  
*The GRE Search Service and GMASS (GMAT) are methods used by most universities to build a prospective graduate student database. Both search services allow a university to purchase the names and contact information for students who took these exams. The search is conducted using criteria (academic, geographic, etc) to customize lists of prospective students. Cost is .29 per name for the GRE Search and .65 per name for GMASS. NJIT should purchase an initial search by program in February 2008 and then place a recurring order once a month.*  
**Coordination: Graduate Admission**  
**Begin: February 2008**
  - b. Communication plan required  
*The purchasing of names through any source requires a detailed communication plan. Specific communication (direct mail/e-mail campaigns) must be designed to stimulate interest among prospects and to generate applications for admission.*  
**Coordination: Academic Departments/Graduate Admission**  
**Begin: February 2008 and continue each month**
2. Academic departments/programs should develop a graduate recruitment plan  
*A graduate recruitment plan developed by each academic department/program with specific goals (number of applications, quality of applicant pool, increase enrollment yield on admits, etc.) would foster a sense of ownership and may gain greater participation in graduate recruitment efforts by faculty.*  
**Coordination: Academic Departments**  
**Begin: Spring 2008**
3. Develop graduate content for the NJIT website  
*According to the Enrolling Student Survey: Graduate Students, Fall 2006 conducted by the NJIT Office of Institutional Research and Planning ([http://www.njit.edu/irp/reports/2006/Entering\\_2006\\_summary\\_presentation.pdf](http://www.njit.edu/irp/reports/2006/Entering_2006_summary_presentation.pdf)), 30% of new enrolled NJIT graduate students indicated that the NJIT website most influenced their decision to apply to NJIT. The survey also indicates that 64% of enrolling NJIT graduate students found the Internet to be the most influential source for learning about NJIT. The university must enhance the amount of graduate content on the NJIT website. The following online content is recommended:*
  - a. Graduate student profiles/blogs
  - b. Research opportunities
  - c. Faculty profiles/blogs
  - d. Alumni profiles/blogs
  - e. Podcasts**Needs Champion by College**  
**Coordination: Academic Departments/Web Services**  
**Begin: Spring 2008**
4. Schedule program specific online chat sessions  
**Coordination: Graduate Admissions/CPE/Web Services**  
**Begin: Spring 2008**

5. Develop PDF degree program fact sheets for all graduate programs  
*All graduate programs (master's and doctoral; existing and proposed) must have an accessible programmatic fact sheet available online as a PDF. This fact sheet can be reproduced by the academic department/graduate admissions/etc for distribution to prospective students. The following fact sheets are finished: Applied Mathematics, Architecture, Bioinformatics, Civil Engineering, Computer Science, Electrical Engineering, Engineering Management, Information Systems, Pharmaceutical Engineering, and Professional & Technical Communications.*  
**Coordination: Communications/Academic Departments**  
**Begin: Spring 2008**
  
6. Corporate recruitment  
*NJIT must utilize its existing contacts in the departmental advisory boards and career services to develop corporate relationships that lead to the recruitment of students. The goal should be to enroll part-time master's students from the corporate community. An additional outcome may be the creation of a corporate extension site should there be sufficient interest at a company.*  
**Coordination: CPE/Academic Departments**  
**Begin: Spring 2008**
  
7. Develop variable tuition pricing structure  
*NJIT must institute a variable tuition pricing structure in order to gain a competitive advantage with potential corporate extension sites and students enrolled in online programs (certificate or degree).*
  
8. Increased faculty participation in the graduate recruitment process
  - a. Outreach to colleagues at other institutions  
*Faculty must network with colleagues at other institutions in an effort to encourage students to consider applying to NJIT. This is especially helpful with the recruitment of doctoral students.*  
**Coordination: Academic Departments**  
**Begin: Spring 2008**
  - b. E-mail/Letter to prospective students  
*Graduate advisors will be provided with the names of domestic graduate inquiries that are generated through a variety of methods and asked to contact each inquiry with an e-mail or personal letter.*  
**Coordination: Academic Departments**  
**Begin: Spring 2008**
  - c. E-mail/Phone to admitted students  
*It is imperative that graduate advisors e-mail (international) or phone (domestic) admitted students within their program(s) to encourage enrollment at NJIT. A personal letter from the departmental chairperson will also go a long way to help make NJIT the final choice.*  
**Coordination: Academic Departments**  
**Begin: February 2008 (fall admits)**
  
9. Encourage faculty to present seminars at other institutions
  - a. Target institutions in NJ, NY, and PA (refer to attached list)
  - b. Give talks at student chapters**Coordination: Academic Departments**  
**Begin: Spring 2008**

10. Expand recruitment of NJIT undergraduate students

a. BS/MS and BS/PhD Program

*Make 5-10 minute presentations to MGMT 390 classes each semester to promote the BS/MS and BS/PhD programs. This provides access to approximately 700 students each year. Continue to host the BS/MS Information Session each semester. Waive the application fee to all BS/MS and BS/PhD students who submit a graduate application.*

**Coordination: Graduate Admission/Graduate Studies**

**Begin: In Progress**

b. Automatic admission to BS/MS Program for Honors College students

*Students in the Honors College must be automatically approved to participate in the BS/MS Program when they begin their undergraduate studies at NJIT. These students are highly qualified and possess the ability to succeed in graduate coursework.*

**Coordination: Graduate Studies/Honors College**

**Begin: Spring 2008**

c. Departmental/faculty contact with top students

*Each academic department must host a 'Graduate Study Information Session' for their best undergraduate students (CGPA 3.0 or greater) to encourage continuation in a master's or doctoral degree program.*

**Coordination: Academic Departments**

**Begin: Spring 2008**

11. Promote a competitive financial support package

a. Provost Fellowship

*This has had a positive impact on the enrollment of full-time master's students. The award amount must be raised periodically as tuition is increased. The university must adopt a tiered award system for the Provost Fellowship. The top master's admits would receive \$4,000 per semester as compared with the next tier which would receive \$2,000 per semester.*

**Coordination: Graduate Admission**

**Begin: Fall 2008**

b. Offer guaranteed paid co-op jobs to targeted full-time domestic master's students

*The top (UG CPGA 3.5 or greater) full-time domestic master's admits would be awarded a guaranteed paid co-op job in addition to the Provost Fellowship.*

**Coordination: Career Services/Graduate Admission**

**Begin: Fall 2008**

# NJIT GRADUATE STUDENT RECRUITMENT PLAN

## Medium Range Tactics

### 1. Advertise on graduate web search engines

*According to a recent the report Advanced Degrees of E-Recruitment by Noel-Levitz ([https://www.noellevitz.com/NR/rdonlyres/8C592D4A-D7C2-45A0-ABF8-96B85D0F70E5/0/EEExpectationsGraduateEdition\\_0107.pdf](https://www.noellevitz.com/NR/rdonlyres/8C592D4A-D7C2-45A0-ABF8-96B85D0F70E5/0/EEExpectationsGraduateEdition_0107.pdf)), 62% of prospective graduate students preferred web sites over printed brochures. It is recommended that NJIT consider advertising in the following online graduate search engines:*

- a. *Gradschools.com*
- b. *Graduate School Guide (\$2,000 – Complete)*
- c. *Petersons*
- d. *Princeton Review*
- e. *Hobsons (\$5,000 – Complete)*
- f. *All Engineering Schools (\$3,000 – Complete)*

**Coordination: Communications/Graduate Admission**

**Begin: Fall 2008**

### 2. Develop relationships with feeder institutions

*Identify institutions in New Jersey and the surrounding region that do not offer master's programs and develop relationships that lead to the recruitment of graduate students for NJIT. Relationships to be pursued include:*

- a. *BS/MS Programs*
- b. *Extension Sites*
- c. *Faculty interaction*

**Coordination: Academic Departments**

**Begin: Fall 2008**

### 3. Outreach to Professional Societies (AIChE, ASCE, etc.)

*Professional societies may provide NJIT with a good source of potential graduate students to enroll on a full or part-time basis. Some possible activities include:*

- a. *Student chapters (faculty presentations)*

**Coordination: Academic Departments**

**Begin: Fall 2008**

- b. *Advertise in regional newsletters (part-time enrollment)*

**Coordination: Communications/Graduate Admission**

**Begin: Fall 2008 and Spring 2009**

- c. *Attend graduate fairs at regional/national meetings*

**Coordination: Graduate Admission/Academic Departments**

**Begin: Fall 2008**

- d. *Purchase names (student members only)*

**Coordination: Graduate Admission**

**Begin: Summer 2008**

### 4. Develop greater flexibility in graduate curriculum

*Added flexibility in the master's curriculum would make the programs more attractive to part-time, working professionals.*

**Coordination: Academic Departments**

5. Maintain market share in India

*NJIT must continue to invest resources to maintain its share of graduate students from India. NJIT faculty will visit India February 2008 to hold Information Sessions at USEFI Advising Centers. Faculty will also visit select universities to further develop relationships and recruit students.*

**Coordination: Graduate Admission/Academic Departments**

**Begin: In Progress**

6. Expand the international student market

*NJIT must strive to recruit more students from secondary international markets. Some geographic regions of the world that should be targeted include:*

*a. Latin America*

*b. Asia (China, Taiwan, Korea)*

**Coordination: Graduate Admission/Academic Departments**

**Begin: In Progress**

7. Develop housing opportunities for graduate students

a. Agreement with University Center

*Reserve a number of rooms for graduate students. This new housing may attract full-time domestic graduate students.*

**Coordination: Student Services/Graduate Studies**

**Begin: Fall 2008**

b. Offer financial incentive to live in University Center

*Award a 'room grant' to targeted admitted graduate students.*

**Coordination: Student Services/Graduate Studies**

**Begin: Fall 2008**

# NJIT GRADUATE STUDENT RECRUITMENT PLAN

## Other Tactics

1. Attend regional graduate school/career fairs

*NJIT will continue to attend graduate school/career fairs in the New Jersey/New York metropolitan area.*

**Coordination: Graduate Admission**

**Begin: In Progress**

2. Sponsor on-campus graduate open house events

*NJIT will continue to host 7-9 graduate open houses each year. Each event attracts approximately 30-40 prospective graduate students. Faculty and admission representatives interact with students in attendance.*

**Coordination: Graduate Admission/CPE**

**Begin: In Progress**

3. Take advantage of presence on iTunesU

*Publicize NJIT's presence on iTunesU. Graduate students embrace technology and welcome NJIT as being on the 'cutting-edge' of technology. Push academic podcasts to prospective students; develop programmatic podcasts for informational purposes. NJIT's presence on iTunesU provides the university with a worldwide audience. Additional tactics include:*

- a. Place a banner ad on our NJIT iTunesU homepage promoting graduate programs
- b. Add a short graduate commercial at the end of each podcast
- c. Create a podcast just on graduate opportunities at NJIT

**Needs Champion**

**Coordination: Communications/Web Services**

**Begin: Summer 2008**

4. Make a graduate recruitment video for YouTube

- c. Create a contest for students to develop a 30 second NJIT graduate recruitment video
- d. Create short compelling videos of graduate alumni that have successful/impressive careers

**Needs Champion**

**Coordination: Web Services**

**Begin: Fall 2008**

5. Use Google adword campaigns to drive people to graduate program and open house information

**Coordination: CPE**

**Begin: Spring 2008**

6. Build landing pages for specific graduate programs and use Google to draw prospective students

**Coordination: Web Services/Academic Departments**

**Begin: Summer 2008**

7. Develop relationships with agencies involved in placing international graduate students (Fulbright, LASPAU, etc.)

*These organizations provide NJIT with the opportunity to attract international students throughout the world. Strong relationships with these organizations may lead to more students.*

**Coordination: Graduate Studies**

**Begin: Fall 2008**

8. Use alumni to assist with recruitment overseas

*Alumni can be useful to the recruitment of students by extending the reach of the university. It is recommended that the university identify alumni who live in secondary international markets.*

**Coordination: Graduate Admission/Academic Departments/Advancement**

**Begin: Fall 2008**

9. Negotiate meaningful bilateral agreements with international universities

**Coordination: Academic Departments**

**Begin: 2009**

10. Develop joint/shared master's degree programs at select foreign universities

**Coordination: Academic Departments**

**Begin: 2009**

11. Develop a strong campus environment for graduate students

FALL 2008  
7/10/08

**GRADUATE APPLICATION REPORT**

	YTD	Last YTD	Delta	% Change	↓ Goals	% of Goal	Final # 2007
<b>APPLICATIONS</b>							
MS	4297	4205	92	2%	4500	95%	4362
PhD	550	478	72	15%	525	105%	493
<b>TOTAL APPLICATIONS</b>	<b>4847</b>	<b>4683</b>	<b>164</b>	<b>4%</b>	<b>5025</b>	<b>96%</b>	<b>4855</b>
<b>ACCEPTS</b>							
MS	2424	2392	32	1%	2650	91%	2467
PhD	243	218	25	11%	236	103%	229
<b>TOTAL ACCEPTS</b>	<b>2667</b>	<b>2610</b>	<b>57</b>	<b>2%</b>	<b>2886</b>	<b>92%</b>	<b>2696</b>
<b>CANCELLED ACCEPTS</b>							
MS	174	134	40				
PhD	17	26	-9				
<b>TOTAL CANCELLED</b>	<b>191</b>	<b>160</b>	<b>31</b>				
<b>REGISTERED</b>							
MS	222	189	33	17%	860	26%	743
PhD	16	14	2	14%	75	21%	70
<b>TOTAL REGISTERED</b>	<b>238</b>	<b>203</b>	<b>35</b>	<b>17%</b>	<b>935</b>	<b>25%</b>	<b>813</b>
<b>REJECTS/WITHDRAWN</b>							
MS	693	869	-176				
PhD	105	88	17				
<b>TOTAL REJECTS</b>	<b>798</b>	<b>957</b>	<b>-159</b>				
<b>PENDING</b>							
<b>Department Review</b>							
MS	<del>164</del> 101	101	63				
PhD	55	35	20				
<b>TOTAL DEPT REVIEW</b>	<b>219</b>	<b>136</b>	<b>83</b>				
<b>Incomplete</b>							
MS	790	710	80				
PhD	130	111	19				
<b>TOTAL INCOMPLETE</b>	<b>920</b>	<b>821</b>	<b>99</b>				

GRADUATE ADMISSIONS: MS APPLICATIONS BY COLLEGE & PROGRAM

	FULL TIME							PART TIME							TOTAL APPS	
	APPS	ACC08F	ACC07F	CA	RJ/W	DEPT	NC	APPS	ACC08F	ACC07F	CA	RJ/W	DEPT	NC	08F	07F
<b>NJ SCHOOL OF ARCHITECTURE</b>																
Architecture	97	47	42	1	3	1	6	11	3	2	0	2	1	5	108	118
Infrastructure Planning	15	6	6	1	3	1	4	4	2	2	0	2	0	0	19	17
<b>SUBTOTAL</b>	<b>112</b>	<b>53</b>	<b>48</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>10</b>	<b>15</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>127</b>	<b>135</b>
<b>NEWARK COLLEGE OF ENGINEERING</b>																
Bioelectronics	7	1	N/A	0	3	1	2	0	0	N/A	0	0	0	0	7	N/A
Biomedical Engineering	174	116	133	8	26	6	18	14	8	9	0	2	0	4	188	222
Chemical Engineering	71	34	31	4	19	0	14	13	6	6	0	2	2	3	84	87
Civil Engineering	121	73	48	8	22	0	18	37	27	31	0	1	0	9	158	140
Computer Engineering	123	51	72	9	19	7	27	9	3	3	0	2	2	2	132	133
Electrical Engineering	704	449	486	28	136	9	82	40	20	25	1	5	7	7	744	793
Energy & Power Systems	6	2	N/A	0	1	0	3	6	4	N/A	0	0	1	1	12	N/A
Engineering Management	145	106	84	9	6	4	20	56	44	25	2	0	1	9	201	175
Environmental Engineering	31	17	16	0	7	2	4	1	0	1	1	0	0	0	32	32
Healthcare Systems Management	8	2	N/A	0	2	0	4	3	1	N/A	0	0	0	2	11	N/A
Industrial Engineering	143	87	93	9	25	5	17	11	6	2	0	0	0	5	154	129
Infrastructure Systems*	0	0	N/A	0	0	0	0	0	0	N/A	0	0	0	0	0	N/A
Internet Engineering	9	4	11	0	1	0	4	1	1	0	0	0	0	0	10	17
Manufacturing Engineering	11	7	15	0	1	0	3	4	3	3	0	0	0	1	15	22
Mechanical Engineering	235	123	140	7	63	5	37	13	7	12	0	0	1	5	248	239
Occu. Safety & Health	10	4	4	1	0	2	3	5	3	4	0	0	1	1	15	11
Pharmaceutical Engineering	95	59	39	2	16	1	17	13	6	9	0	1	1	5	108	65
Pharmaceutical Systems Mgmt*	2	2	N/A	0	0	0	0	3	1	N/A	0	0	1	1	5	N/A
Transportation Engineering	11	6	16	0	1	2	2	5	3	4	0	0	1	1	16	31
Telecommunications	145	87	76	5	23	5	25	4	0	6	0	0	0	4	149	155
<b>SUBTOTAL</b>	<b>2051</b>	<b>1230</b>	<b>1264</b>	<b>90</b>	<b>371</b>	<b>49</b>	<b>300</b>	<b>238</b>	<b>143</b>	<b>140</b>	<b>4</b>	<b>13</b>	<b>18</b>	<b>60</b>	<b>2289</b>	<b>2251</b>
<b>COLLEGE OF SCIENCE AND LIBERAL ARTS</b>																
Applied Mathematics	25	14	11	1	4	3	2	7	5	0	0	0	1	1	32	19
Applied Physics	16	7	3	0	4	3	2	6	5	2	0	0	1	0	22	11
Applied Statistics	40	25	20	2	4	2	7	6	5	6	0	0	0	1	46	59
Biology	34	5	6	3	13	1	12	2	1	0	0	1	0	0	36	34
Biostatistics	6	1	N/A	1	1	1	2	7	1	N/A	0	0	0	6	13	N/A
Chemistry	41	20	11	2	5	0	14	4	3	2	0	0	1	0	45	32
Computational Biology	10	6	2	1	3	0	0	0	0	1	0	0	0	0	10	41
Environmental Policy Studies	8	6	1	1	0	1	0	4	3	3	0	0	0	1	12	7
Environmental Science	27	17	18	3	0	1	6	10	8	4	0	0	1	1	37	39
Professional & Technical Comm.	5	1	4	0	0	0	4	13	6	4	0	1	4	1	18	15
<b>SUBTOTAL</b>	<b>212</b>	<b>102</b>	<b>76</b>	<b>14</b>	<b>34</b>	<b>12</b>	<b>49</b>	<b>59</b>	<b>37</b>	<b>22</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>11</b>	<b>271</b>	<b>257</b>
<b>SCHOOL OF MANAGEMENT</b>																
Enterprise Development	2	1	N/A	0	0	0	1	0	0	0	0	0	0	0	2	N/A
Financial Engineering*	7	1	N/A	1	0	0	5	1	0	N/A	0	0	0	1	8	N/A
International Business	8	1	N/A	0	1	0	6	2	0	N/A	0	0	1	1	10	N/A
Management (MS)	57	32	25	1	2	0	22	17	8	8	1	0	1	7	74	69
Management (MBA)	163	68	75	7	31	8	49	49	14	13	1	7	7	20	212	231
<b>SUBTOTAL</b>	<b>237</b>	<b>103</b>	<b>100</b>	<b>9</b>	<b>34</b>	<b>8</b>	<b>83</b>	<b>69</b>	<b>22</b>	<b>21</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>29</b>	<b>306</b>	<b>300</b>
<b>COLLEGE OF COMPUTING SCIENCES</b>																
Bioinformatics	77	52	22	1	13	1	10	4	2	N/A	0	0	0	2	81	25
Business and Information Systems	25	11	N/A	0	2	1	11	15	6	N/A	0	0	2	7	40	N/A
Computer Science	775	439	446	32	155	25	124	52	28	24	1	2	6	15	827	866
Computing & Business	6	0	N/A	0	0	0	6	3	0	N/A	0	0	1	2	9	N/A
Emergency Mgmt & Bus Continuity	3	0	N/A	0	0	2	1	1	1	N/A	0	0	0	0	4	N/A
Information Systems	245	141	156	18	36	9	43	64	35	54	0	3	10	16	309	338
<b>SUBTOTAL</b>	<b>1131</b>	<b>643</b>	<b>624</b>	<b>49</b>	<b>208</b>	<b>38</b>	<b>195</b>	<b>139</b>	<b>72</b>	<b>78</b>	<b>1</b>	<b>5</b>	<b>19</b>	<b>42</b>	<b>1270</b>	<b>1229</b>
<b>INTERDISCIPLINARY PROGRAMS</b>																
Materials Science	31	14	15	3	10	0	4	3	0	0	0	1	0	2	34	33
<b>SUBTOTAL</b>	<b>31</b>	<b>14</b>	<b>15</b>	<b>3</b>	<b>10</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>34</b>	<b>33</b>
<b>GRAND TOTAL</b>	<b>3774</b>	<b>2145</b>	<b>2127</b>	<b>167</b>	<b>661</b>	<b>109</b>	<b>641</b>	<b>523</b>	<b>279</b>	<b>265</b>	<b>7</b>	<b>32</b>	<b>55</b>	<b>149</b>	<b>4297</b>	<b>4205</b>

Utilizing Distance Learning fees NJIT has renewed membership in the Sloan-C College Pass program for the 2008 Calendar year. This membership includes enrollments in a variety on of 2 to 4 week, on-line workshops in a broad variety of subjects. **Participants will be entered into a drawing for a free iPod Touch.** Registration is currently available for the following workshops: (to register send an e-mail to [instruction@njit.edu](mailto:instruction@njit.edu)) The following workshops are scheduled for July. The full schedule is at <http://www.sloan-c.org/workshop/index.asp>

### **Academic Integrity in Online Education - July 16 - 25**

The role of technology in academic dishonesty is in the news, and federal legislation is pending that will require authentication of online learners. This session will provide information, examples, and a reality check for staff and faculty working in online education. Participants will explore why and how students cheat, faculty beliefs regarding cheating and online education, and tools and techniques to deter and detect cheating and plagiarism. The emphasis will be on a three-prong approach to addressing academic integrity: policing (catching and punishing cheaters), prevention (designing courses and assignments that discourage cheating), and virtue (creating learning communities in which students do not want to cheat). Current projects focusing on student authentication will be reviewed, and issues surrounding student authentication will be discussed.

### **Open Educational Resources Workshop - Free to Institutional Premium\* & College Pass Members**

From July 23 to August 8, Sloan-C is offering the workshop "Open Educational Resources: Build It and They will Come?" E-learning content is becoming much more pervasive. This developing content which can be shared within one institution, or across continents represents a powerful possible paradigm shift in the distribution methods of learning content and courseware from traditional publishing models to those of open and collaborative in nature. Major initiatives from leading institutions to provide open courseware further support the growth of this segment of online learning.

**College Pass Members:** *FREE* - No need to enter your College Pass code and use up your seats. Simply register and College Pass Membership will be verified by our Workshop Team (choose "check" as method of payment).