

NJIT

New Jersey's Science &  
Technology University

# Alumni Survey Spring 2008

Institutional Research and Planning

# Demographics

College*	Sample		Actual	
	n	%	n	%
NJ School of Architecture	16	8%	242	6%
College of Computing Science	33	17%	1075	26%
College of Science and Liberal Arts	21	11%	388	9%
Newark College of Engineering	86	46%	1763	43%
School of Management	16	8%	346	8%
Non-matriculated	17	9%	240	6%

Year of graduation	Sample		Actual	
	n	%	n	%
2004	38	20%	1205	29%
2005	63	33%	1431	35%
2006	88	47%	1453	36%

\*Excluding INT since they were not in the sample.

**Response Rate: 5.4%**

# Demographics

<b>Gender</b>	<b>Sample</b>		<b>Actual</b>	
	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Male	139	74%	2955	73%
Female	50	26%	1117	27%

<b>Ethnicity</b>	<b>Sample</b>		<b>Actual</b>	
	<b>n</b>	<b>%</b>	<b>n</b>	<b>%</b>
Asian	51	27%	1755	43%
Black	20	11%	361	9%
Hispanic	22	12%	346	8%
White	69	37%	189	5%
Native American	0	0%	11	0%
Unknown	27	14%	520	13%

# Your NJIT Experience

**Q1. As you look back on your NJIT experience, what was the most meaningful part of it?**

	<b>2008 Percent (n=189)</b>	<b>2005 Percent (n=451)</b>
Classes	32.6%	30.2%
Professors/Instructors	26.1%	25.3%
Classmates	22.8%	26.7%
Networking	8.2%	5.6%
Greek organizations	4.3%	3.0%
Student organizations/Clubs	3.8%	5.1%
Sports/sporting events	1.6%	1.4%
Extracurricular Activities	0.5%	2.8%
<b>Total</b>	<b>100%</b>	<b>100%</b>

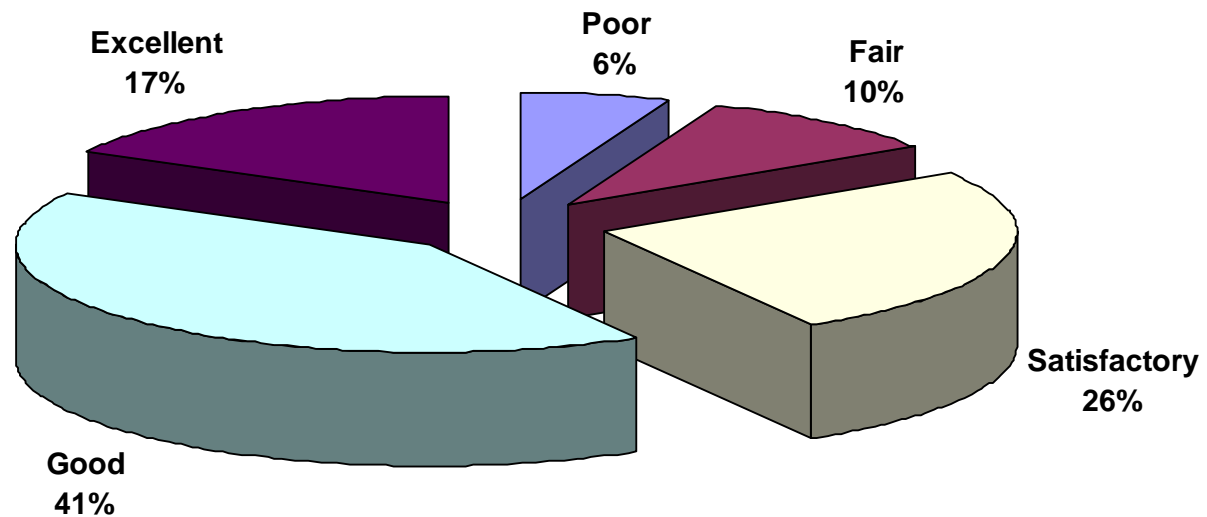
# Alumni Programs/Services

**Q2. What alumni programs/services do you feel are most valuable? Please check all that apply.**

	<b>2008 Percent</b>	<b>2005 Percent</b>
Career/employment/networking	54.0%	54.1%
Life-long e-mail	47.6%	56.5%
Scholarship program	26.5%	26.4%
The Alumni Magazine of NJIT	25.4%	24.2%
Directories (alumni and business)	24.3%	26.2%
Reunion/Homecoming	10.1%	13.7%
Travel	6.9%	6.9%
Insurance	4.8%	7.3%
Chapter program	4.2%	6.2%

# Preparation for career/profession

**58% responded NJIT prepared them well for their career/profession**



**Q3: How well did NJIT prepare you for your career/profession?  
(n=189)**

# Overall Assessment

## Q4: How well did NJIT develop your abilities in the following skills?

	<b>2008 Percent* (n=189)</b>	<b>2005 Percent* (n=451)</b>
Problems solving	76.2%	70.4%
Computer skills	68.7%	65.9%
Science	67.2%	63.1%
Program specific skills	67.0%	58.5%
Mathematics	66.9%	66.4%
Teamwork	63.4%	63.4%
Creative thinking	63.0%	57.1%
Oral communication and presentation	57.8%	54.8%
Interpersonal communications	53.6%	50.5%
Written communication	53.5%	48.9%
Humanities/Social Sciences	42.2%	41.1%
<b>How well did NJIT prepare you for your career/profession?</b>	<b>58.2%</b>	<b>58.8%</b>

\*Based on a rating of good or excellent

# Academic Program

**Please rate your academic program.**

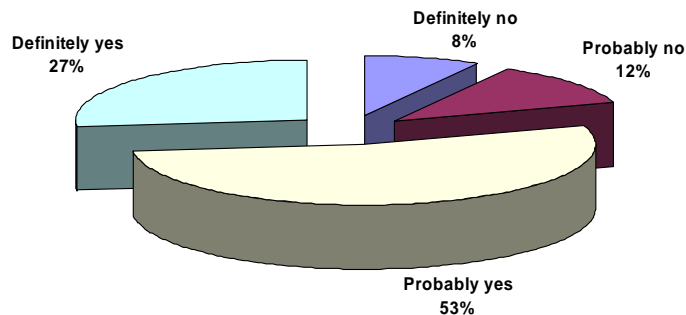
	<b>2008 Percent* (n=189)</b>	<b>2005 Percent* (n=451)</b>
General professionalism of the program	62.0%	54.4%
Faculty relationship with students	61.3%	58.0%
Relevance of the program in major to job performance	60.7%	54.1%
Intellectual atmosphere	57.8%	56.0%
Curricular advising	47.0%	44.7%
Campus climate	47.0%	46.6%

\*Based on a rating of good or excellent

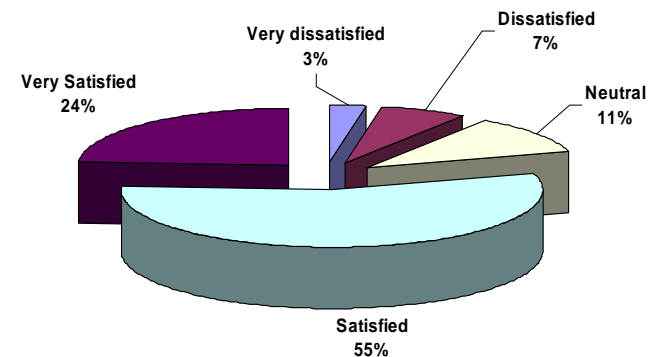
# Alumni Satisfaction with NJIT

- **80% of the respondents would choose NJIT if they were to do it over again. This is identical to the 2005 Alumni Survey.**
- **79% of the respondents are satisfied with their NJIT experience. This is a 17% increase from the 2005 Alumni survey.**

Q6: If you were to do it over again, would you choose NJIT?  
(n=188)



Q7: Please rate how satisfied are you with your NJIT experience.  
(n=188)

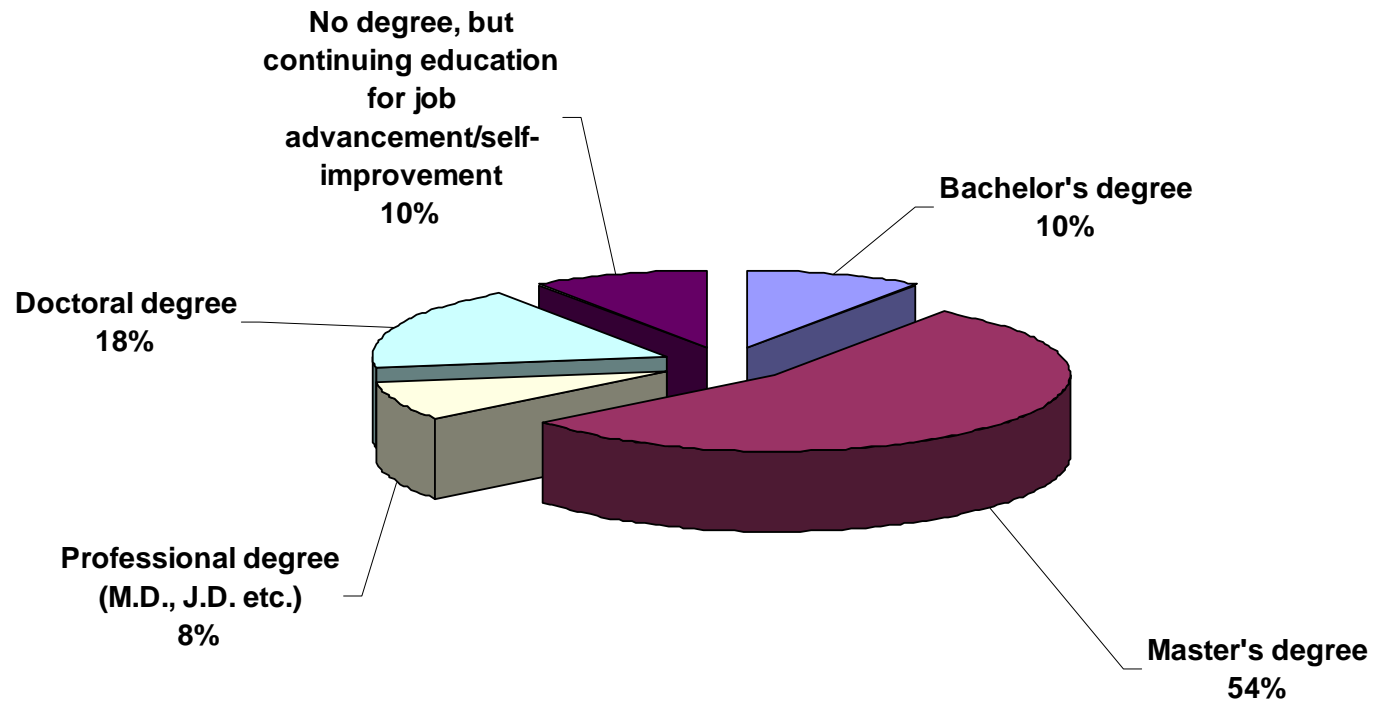


## Continuing Education

- **30% of the respondents have undertaken formal education since graduating from NJIT.**
- **57% of them are/were a full-time student.**
- **71% of the rest plan to seek further formal education in the future.**

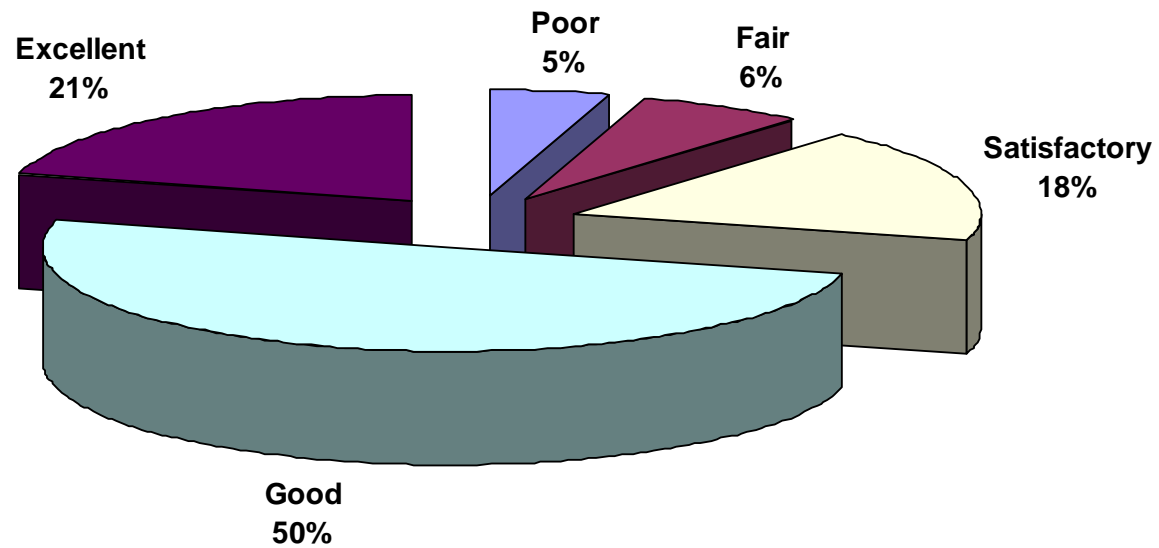
# Continuing Education

**Q12: What degree or certificate are/were you seeking?  
(n=62)**



# Continuing Education

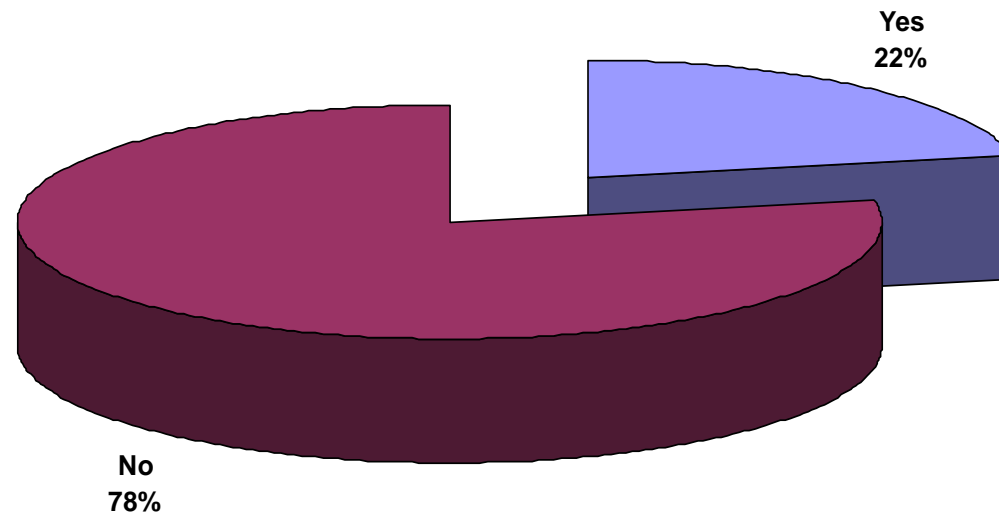
71% of the respondents rated NJIT as good or excellent at preparing them to continue their education.



Q15: Please rate how well NJIT prepared you to continue your education.  
(n=62)

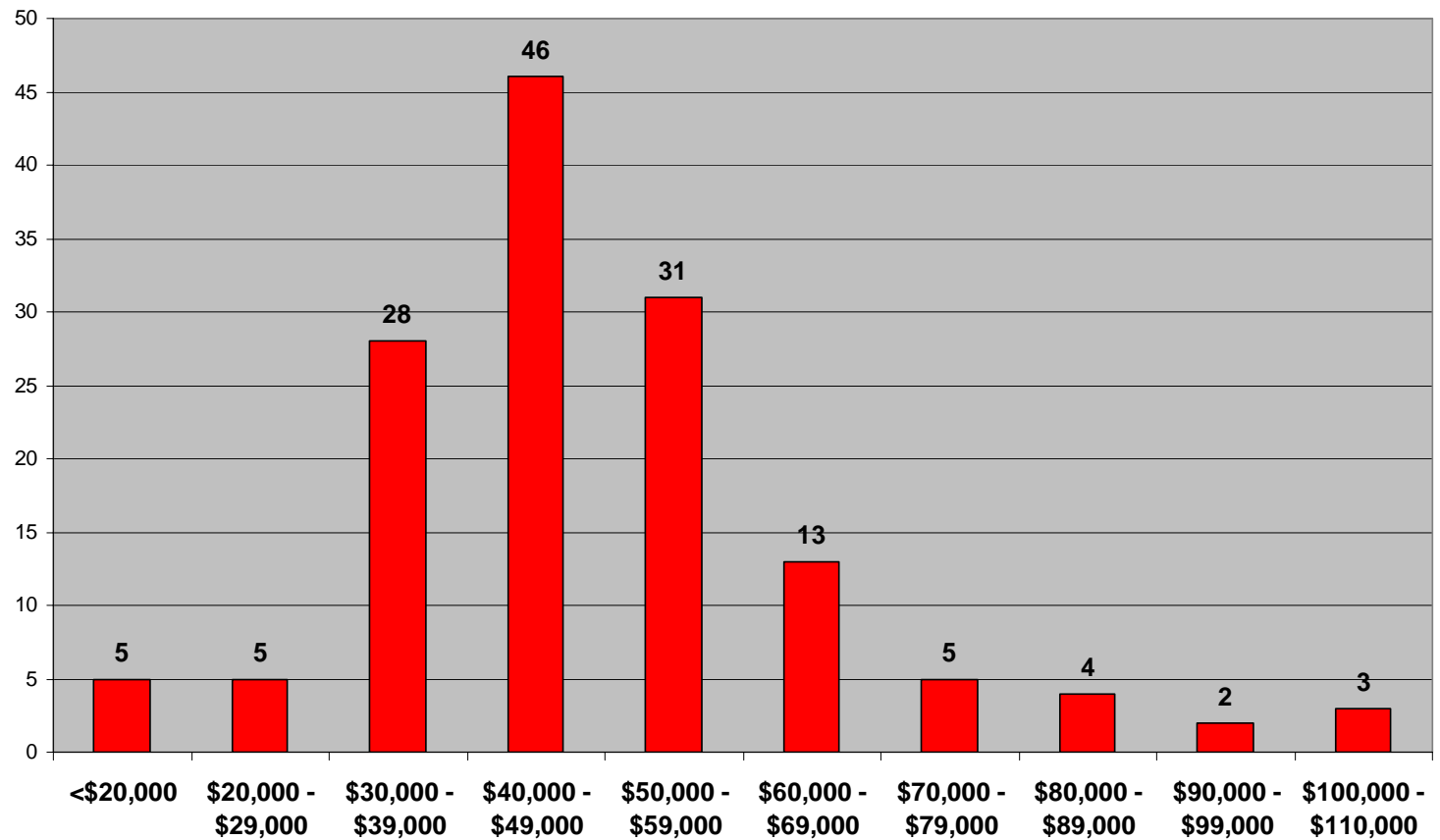
# Employment

**Q16: Did NJIT help you find your first job upon graduation?  
(n=183)**



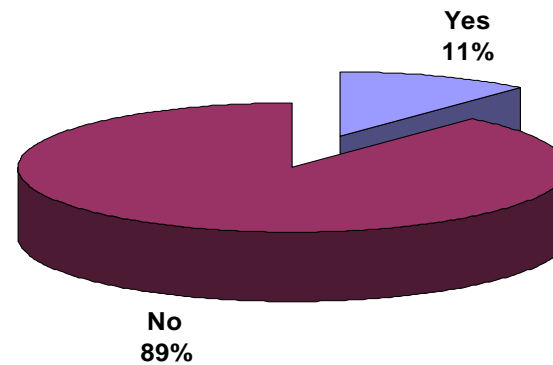
# Employment

Q17: What was the base salary for your first job? (n=142)



# Employment

**Q18: Did you receive a signing bonus?  
(n=176)**



**Q19: What was the amount of the first job signing bonus?**

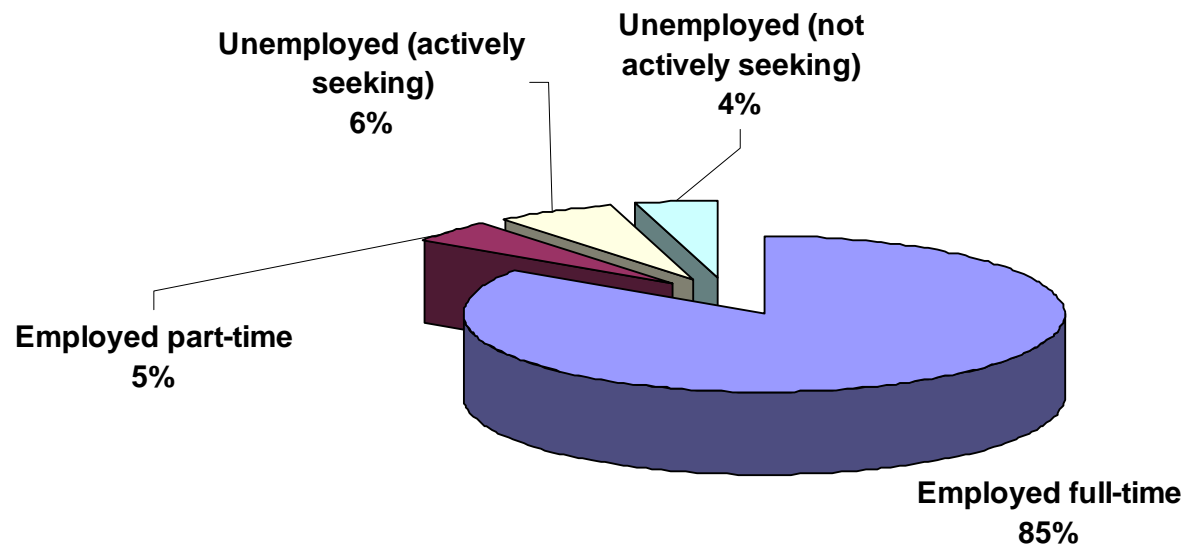
Amount	Number of respondents
\$500	2
\$1,500	2
\$2,000	1
\$2,500	1
\$3,000	2
\$4,000	1
\$5,000	5
\$10,000	2
\$17,417	1
\$30,000	1

## Q20: Which industry was your first job in?

Industry	Percent (n=168)
Technology	33%
Consulting	14%
Government (Federal, State, Local, Military)	14%
Pharmaceutical/Biotechnology/Healthcare products	10%
Architecture	7%
Financial services	7%
Consumer products	5%
Engineering	4%
Education	3%
Petroleum/Energy	2%
Non-profit	1%
Media/Entertainment	1%
Real estate	1%

# Employment

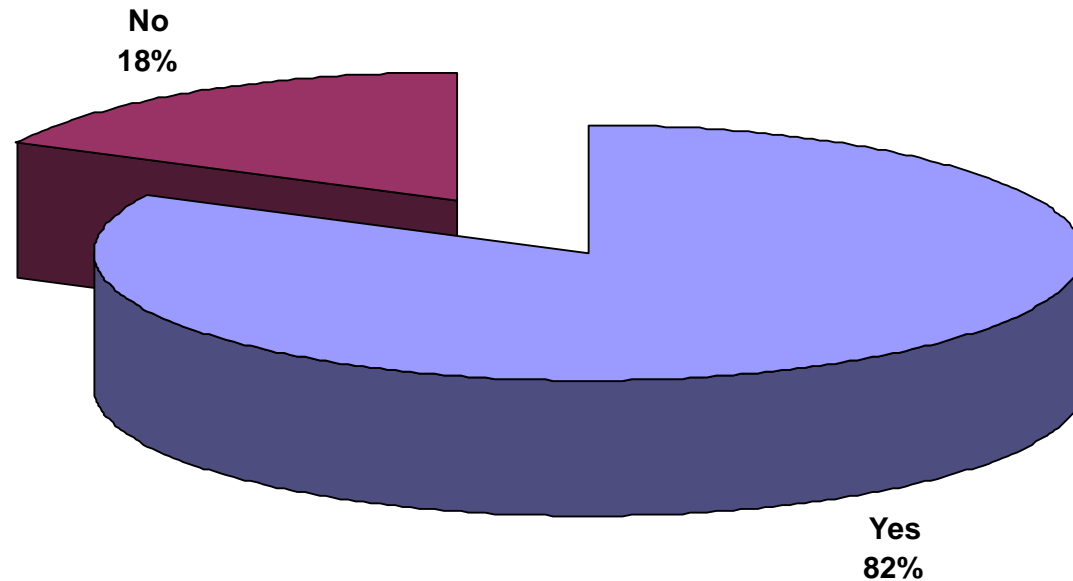
**85% of the respondents are employed full-time. This is identical to the 2005 Alumni Survey.**



**Q23: Which of the following best describes what you are currently doing? (n=185)**

# Employment

**82% of the respondents have a job related to their major.  
This is identical to the 2005 Alumni Survey.**



**Q25: Is your job related to the field in which you majored? (n=154)**

# Employment

Q26: What is your current salary?

	<b>2008 Percent (n=148)</b>	<b>2005 Percent* (n=372)</b>
Under \$40,000	9%	17%
\$40,001 - \$60,000	36%	40%
\$60,001 - \$80,000	30%	27%
\$80,001 - \$100,000	13%	10%
\$100,001 - \$120,000	6%	3%
More than \$120,000	5%	3%

\*Adjusted using the Consumer Price Index (CPI)

## Appendix I – Overall Assessment by College

Q4: How well did NJIT develop your abilities in the following skills? (Means by School)

	Means by school				
	ARCH* (n = 16)	CCS (n = 33)	CSLA* (n = 21)	NCE (n = 86)	SOM* (n = 16)
Problem solving	3.81	3.70	4.32	4.07	4.19
Mathematics	3.31	3.64	4.21	4.00	3.33
Science	3.13	3.55	4.10	3.87	3.47
Computer skills	4.19	3.64	4.21	3.73	3.87
Teamwork	3.44	3.48	3.80	3.69	4.50
Creative thinking	3.94	3.36	3.95	3.64	3.75
Program specific skills	4.00	3.42	4.00	3.63	4.00
Oral communication and Presentation	3.81	3.24	3.50	3.55	4.38
Interpersonal communication	3.63	3.03	3.68	3.42	4.25
Written Communication	3.25	3.24	3.90	3.40	4.00
Humanities/Social Sciences	3.38	3.14	3.61	3.11	3.73
<b>How well did NJIT prepare you for your career/profession?</b>	<b>3.56</b>	<b>3.21</b>	<b>3.81</b>	<b>3.53</b>	<b>3.88</b>

\*Results should be viewed with caution or discarded due to a low N.

5 – Excellent, 4 – Good, 3 – Satisfactory, 2 – Fair, 1 – Poor

## Appendix II – Continuing Education

### Q13: Name of the institution where alumni sought 2<sup>nd</sup> degree or certificate

Institution	Number of respondents
New Jersey Institute of Technology	16
Stevens Institute of Technology	7
New York University	4
UMDNJ	3
Carnegie Mellon- Tepper School of Business	1
Case Western Reserve University	1
Columbia University	1
CUNY-John Jay College of Criminal Justice	1
Florida Institute of Technology	1
Fordham University	1
Georgetown University	1
Johns Hopkins University	1
Marshall University School of Medicine	1
Massachusetts Institute of Technology	1
Michigan State University	1
New Jersey Institute of Technology	1
New York Institute of Technology	1
Old Dominion University	1
Polytechnic University	1
Rutgers - Newark	1
Society of Actuaries	1
University of Delaware	1
University of Maryland	1
University of Oxford	1
University of Southern California	1
University of Toronto	1
US Air Force	1
US Marine Corps	1

# Appendix III – Continuing Education

## Q14: Field of Study of 2<sup>nd</sup> degree or certificate

Field of study	Number of respondents
Medicine	5
Biomedical Engineering	3
Electrical Engineering	3
Information Systems	3
Mathematics	3
MBA	3
Architecture	2
Chemical Engineering	2
Computers Science	2
Mechanical Engineering	2
Actuarial Science	1
Applied Physics	1
Aviation	1
Biomechanics and Ergonomics Engineering	1
Biomedical Science (Concentration: Pharmacological Sciences)	1
Business	1
Business Administration	1
Civil Engineering	1
Computer	1
Construction Engineering Technology (Civil Construction)	1
Construction Management	1
Engineering & Architecture	1
English Professional Writing & New Media	1
Finance and Management	1
Financial Engineering	1
Forensic Computing	1
Information Technology	1
Management	1
Masters of Engineering and Management	1
Material Science	1
Neuroscience/Molecular Biology	1
Operations in Space lift to include knowledge and understanding of rocketry space environment mechanical and electrical systems on the Booster Spacecraft (specifically GPS) and facilities.	1
Pharmaceutical Manufacturing Practices - Engineering	1
Product Architecture and Engineering	1
Project Management	1
Real-estate Finance	1
Structural Engineering	1
Systems Architecture	1
Transportation Engineering	1
Urban Systems	1
Wireless Communications	1

## Appendix IV – Employment

### Q21: Which region was your first job in?

Region	Percentage (n=182)
North America	95%
Asia	1%
Eastern and Central Europe and Central Asia	1%
Western Europe	1%
Africa	1%
Oceania	1%
Latin America and the Caribbean	0%
Middle East	0%

## Appendix V – Employment

### Q22: Within North America which region was your first job in?

Region	Percentage (n=174)
Northeast (ME, VT, NY, NH, CT, MA, NJ, RI)	84%
Mid-Atlantic (PA, MD, VA, WV, DE, DC)	5%
South (NC, SC, KY, TN, GA, FL, AL, AR, LA, MS)	3%
Southwest (CO, AZ, TX, OK, NM)	1%
Midwest (WI, MO, KS, IA, MN, NE, MI, OH, IN, ND, SD, IL)	4%
West (CA, HI, WA, OR, AK, MT, ID, UT, NV, WY)	2%
U.S. Possessions and territories (American Samoa, Palau, Guam, Puerto Rico, Virgin Islands)	0%
Canada	0%
Mexico	0%

# Appendix VI – Employment

## Q24: Job Title

Actuarial Associate	Electronics Engineer	Program Manager	Software Engineer
Adjunct Faculty	Engineer	Program Manager	Software Sales Specialist
Aerospace Engineer	Engineer I	Programmer	Sr. Engineer
Air Force Launch Crew Commander	Engineer II	Programmer	Sr. Principal Engineer
Application Developer	Enterprise Solutions Integration Engineer	Programmer Analyst	Sr. Product Development Engineer
Application Packager	Environmental Analyst	Programmer/Business Analyst	Sr. Systems Analyst
Architect	Environmental Health and Safety Coordinator	Project Architect	Staff Eng
Architect	ETL Developer	PROJECT ARCHITECT / TECHNICAL	Staff Engineer
Architect	Executive Director Facilities Management	COORDINATOR	Storage Administrator
Architectural Designer	Financial Management Analyst	Project Engineer	Structural Engineer
Assistant Document Manager	Help Desk Analyst	Project Engineer	Student Naval Aviator
Associate	Instructional Designer	Project Engineer	Survey CADD Technician
Associate Dean Continuing Education	Intern Architect	Project Engineer	SW Architect
Associate Engineer	Intern Architect	Project Engineer	SW developer
Associate Registrar	intern architect	Project Manager	Systems Administrator
Assistant Project Manager	IT and Financial Analyst	Project Manager	Systems Administrator
Assistant Vice President	IT Director	Project manager-transactions foreign exchange	Systems Administrator
Brand Manager	IT Technician/Network Administrator	Project Superintendent	Systems Engineer
Business Analyst	Junior Architect	Project/Facility Engineer	Systems Engineer
Business analyst pharmaceutical contracting	Junior Designer	Quality Engineer - Chemical Engineer	Systems Engineer
Business Development Manager	junior mechanic and sales man	R6D Engineer I	Technical Helpline Supervisor
Business Engineer French Product Manager	Lead Programmer/Analyst	Research Analyst	Technical Sales and Marketing Specialist
Chief	Management Consultant	Research Associate	technician
CMMS Supervisor	Marketing Director	Research Associate II	Technology Analyst
Coastal Communities Agent	Mechanical Engineer - Aircraft Installation and Development	Researcher	Technology Technician
Computational Designer / Computational Geometry Group	MEP Designer 2	Researcher	Telecommunications Director
Consultant	Network Services System Administrator	Researcher/Grad Student	Test Engineer-Mechanical/Metallurgy
Consulting Civil Engineer	NOC Engineer I	Resident Physician New York-Presbyterian Hospital	Visiting Assistant Professor
Coordinator Extended Learning	Oracle Applications Database Administrator	Retirement Plan Specialist	Software Engineer
Design Engineer	Photonics Engineer	Sales/Account Rep.	Software Sales Specialist
Design Technology Analyst	Physics Teacher/Consulting Engineer	Scientist Staff Systems Design	Sr. Engineer
Designer (Design Engineer)	Planning Officer	Senior IT Auditor	Sr. Principal Engineer
Dir of Marketing	Postdoctoral Researcher	Senior Principal Engineer	Sr. Product Development Engineer
Director	Power Engineer	Senior Software Engineer	Sr. Systems Analyst
Director of Community Development	Power Systems Engineer	Senior Telecom Engineer	Staff Eng
Director of Information Technology	President/CEO	Senior Web Developer	Staff Engineer
Director of Purchasing	Principal Chief healthcare actuary	Site Manager	Storage Administrator
DSP engineer	Product Manager	Software Developer	Structural Engineer
Electrical Engineer	Product Manager	Software Developer	Student Naval Aviator
Electronics Engineer	Program Assistant	Software Engineer	Survey CADD Technician

## Appendix VII – Comments

### Q27: Comments

	<b>Positive</b>	<b>Negative</b>
Academics	16	35
Athletics	0	1
Campus life	1	6
Computers	0	0
Public safety/Buildings & Grounds	0	1
Student services	1	16

**Q.1.As you look back on your NJIT experience, what was the most meaningful part of it?**

- Classes
- Classmates
- Professors/Instructors
- Extracurricular Activities
- Student organizations/Clubs
- Sports/sporting events
- Greek organizations
- Networking
- Other

**Q.2.What alumni programs/services do you feel are most valuable? Please check all that apply.**

- Chapter program
- Scholarship program
- The Alumni Magazine of NJIT
- Reunion/Homecoming
- Insurance
- Directories (alumni and business)
- Life-long e-mail
- Career/employment/networking
- Travel

**Q.3.Please rate how well NJIT prepared you for your career/profession?**

- Poor
- Fair
- Satisfactory
- Good
- Excellent

**Q.4.Please rate how well NJIT developed your abilities in the following skills:**

	Poor	Fair	Satisfactory	Good	Excellent
Science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mathematics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humanities/Social Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Program specific skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Problems solving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creative thinking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Written communication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oral communication and presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpersonal communications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teamwork	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q.5.Please rate the following:**

	Poor	Fair	Satisfactory	Good	Excellent
Faculty relationship with students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Relevance of the program in major	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

to job performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intellectual atmosphere	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curricular advising	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
General professionalism of the program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Campus climate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q.6.If you were to do it over again, would you choose NJIT?**

- Definitely no
- Probably no
- Probably yes
- Definitely yes

**Q.7.Please rate how satisfied you are with your NJIT experience:**

- Very dissatisfied
- Dissatisfied
- Neutral
- Satisfied
- Vary satisfied

**Q.8.What is the highest degree that you have attained?**

- Bachelor's degree
- Master's degree
- Professional degree (M.D., J.D. etc.)
- Doctoral degree

**Q.9.Since graduating from NJIT, have you undertaken formal education?**

- Yes
- No

**Q.10.Do you plan to seek further formal education in future?**

- Yes
- No

**Q.11.Are/were you a part-time or a full-time student?**

- Part-time
- Full-time

**Q.12.What degree or certificate are/were you seeking?**

- Associate's degree
- Bachelor's degree
- Master's degree
- Professional degree (M.D., J.D. etc.)
- Doctoral degree
- No degree, but continuing education for job advancement/self-improvement
- Other

**Q.13.Please provide the name of the institution:**

**Q.14.What is your field of study?**

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**Q.15. Please rate how well NJIT prepared you to continue your education?**

- Poor
  - Fair
  - Satisfactory
  - Good
  - Excellent
- 

**Q.16. Did NJIT help you find your first job upon graduation?**

- Yes
  - No
- 

**Q.17. What was the base salary for your first job? Note: Data collected will not be used for fund raising purposes. The data is reported only in aggregate for national accreditation purposes. (Please enter amount as whole numbers only, no dollar signs or commas. For example 59999.)**

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**Q.18. Did you receive a signing bonus?**

- Yes
  - No
- 

**Q.19. What was the amount of the bonus? (Please enter amount as whole numbers only, no dollar signs or commas. For example 1999)**

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**Q.20. Which industry was your first job in?**

- Government (Federal, State, Local, Military)
- Consulting
- Consumer products
- Financial services
- Media/Entertainment
- Non-profit
- Petroleum/Energy
- Pharmaceutical/Biotechnology/Healthcare products
- Real estate
- Technology
- Other

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**Q.21. Which region was your first job in?**

- Africa
  - Asia
  - Eastern and Central Europe and Central Asia
  - Latin America and the Caribbean
  - Middle East
  - North America
  - Oceania
  - Western Europe
- 

**Q.22. Within North America which region was your first job in?**

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- Northeast (ME, VT, NY, NH, CT, MA, NJ, RI)
  - Mid-Atlantic (PA, MD, VA, WV, DE, DC)
  - South (NC, SC, KY, TN, GA, FL, AL, AR, LA, MS)
  - Southwest (CO, AZ, TX, OK, NM)
  - Midwest (WI, MO, KS, IA, MN, NE, MI, OH, IN, ND, SD, IL)
  - West (CA, HI, WA, OR, AK, MT, ID, UT, NV, WY)
  - U.S. Possessions and territories (American Samoa, Palau, Guam, Puerto Rico, Virgin Islands)
  - Canada
  - Mexico
- 

**Q.23. Which of the following best describes what you are currently doing?**

- Employed full-time
  - Employed part-time
  - Unemployed (actively seeking)
  - Unemployed (not actively seeking)
- 

**Q.24. Your job title:**

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**Q.25. Is your job related to the field in which you majored?**

- Yes  No
- 

**Q.26. What is your current salary?**

- Under \$40,000
  - \$40,001 - \$60,000
  - \$60,001 - \$80,000
  - \$80,001 - \$100,000
  - \$100,001 - \$120,000
  - More than \$120,000
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**Q.27. Your suggestions and comments are welcomed:**

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