National Survey of Student Engagement

Department of Institutional Research and Planning
December 2006
Why a national survey?

- Refocus conversations about undergraduate quality to what matters most
- Enhance institutional improvement efforts
- Foster comparative activity
- Inform accountability
- Provide systematic national data on “good educational practices”
NSSE 2006 Scope and Response Rate

• NSSE 2006 involved 557 schools and over 300,000 first-year and senior students

• NSSE overall response rate: 34%
• Selected peers’ response rate: 33%
• Carnegie peers’ response rate: 31%
• NJIT’s response rate: 40%
Active and Collaborative Learning

For first-year students, NJIT outperforms our selected peers, our Carnegie peers, and the national NSSE school sample in Active and Collaborative Learning.

For seniors, NJIT outperforms our selected peers and our Carnegie peers.

*Students learn more when they are intensely involved in their education and asked to think about what they are learning in different settings. Collaborating with others in solving problems or mastering difficult material prepares students for the messy, unscripted problems they will encounter daily during and after college.*
Active and Collaborative Learning

• **Asked questions in class or contributed to class discussions** (high performing area)
• **Made a class presentation** (high performing area)
• **Worked with other students on projects during class** (high performing area)
• Worked with classmates outside of class to prepare class assignments
• Tutored or taught other students
• Participated in a community-based project as part of a regular course
• Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)
Student-Faculty Interaction

For first-year students, NJIT outperforms our selected peers and our Carnegie peers in Student-Faculty Interaction. For seniors, NJIT underperforms the national NSSE school sample.

Students learn firsthand how experts think about and solve practical problems by interacting with faculty members inside and outside the classroom. As a result, their teachers become role models, mentors, and guides for continuous, life-long learning.
Student-Faculty Interaction

- Discussed grades or assignments with an instructor
- Talked about career plans with a faculty member or advisor
- **Discussed ideas from your readings or classes with faculty members outside of class** (high performing area)
- Worked with faculty members on activities other than coursework (committees, orientation, student-life activities, etc.)
- **Received prompt written or oral feedback from faculty on your academic performance** (low performing area)
- Worked with a faculty member on a research project outside of course or program requirements
Supportive Campus Environment

For seniors, NJIT underperforms our selected peers, our Carnegie peers, and national NSSE school sample in Supportive Campus Environment.

*Students perform better and are more satisfied at colleges that are committed to their success and cultivate positive working and social relations among different groups on campus.*
Supportive Campus Environment

- **Campus environment provides the support you need to help you succeed academically** (low performing area)
- Campus environment helps you cope with your non-academic responsibilities (work, family, etc.)
- Campus environment provides the support you need to thrive socially
- Quality of relationships with other students
- **Quality of relationships with faculty members** (low performing area)
- Quality of relationships with administrative personnel and offices
Convergence between NSSE 2006 & Student Satisfaction Spring 2006

• Overall experience:
  – For both Student Satisfaction and NSSE, 74% of students rated their experience as “good” or “excellent”

• Starting over
  – For both Student Satisfaction and NSSE, 69% of students said they would probably or definitely choose NJIT again

• For these two questions, we underperform our selected peers, our Carnegie peers, and the national NSSE school sample (approx. 85% for both questions)
Appendix

List of selected peers

Brigham Young University
Clarkson University
Clemson University
Colorado School of Mines
Indiana University-Purdue University-Indianapolis
Michigan Technological University
Old Dominion University
Polytechnic University
South Dakota State University
The University of Texas at Dallas
The University of Texas at El Paso
University of Missouri-Rolla
Utah State University
Appendix

List of Carnegie peers

Baylor University
Central Michigan University
Clark University
Clarkson University
Cleveland State University
DePaul University
East Carolina University
East Tennessee State University
George Mason University
Hofstra University
Idaho State University
Indiana University-Purdue University-Indianapolis
Michigan Technological University
Middle Tennessee State University

New Mexico Institute of Mining and Technology
Pace University
Pepperdine University
Polytechnic University
Seton Hall University
South Dakota State University
St. John’s University-New York
Tennessee State University
The New School
The University of Montana
The University of Texas at Dallas
The University of Texas at El Paso
University of Arkansas at Little Rock
University of Colorado at Denver & Health Sciences Center
University of Hartford
University of Missouri-Kansas City
University of Missouri-Rolla
University of Nevada-Las Vegas
University of Puerto Rico-Rio Piedras Campus
University of San Francisco
University of South Alabama
University of South Dakota
Widener University
Worcester Polytechnic Institute
Wright State University
Appendix
Active and Collaborative Learning

First-Year
- NJIT: 45.6
- Selected Peers: 42.0
- Carnegie Peers: 40.7
- NSSE 2006: 41.3

Senior
- NJIT: 52.2
- Selected Peers: 49.5
- Carnegie Peers: 49.6
- NSSE 2006: 50.4
Appendix
Student-Faculty Interaction

First-Year

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Appendix
Supportive Campus Environment

First-Year

![Bar chart comparing NJIT, Selected Peers, Carnegie Peers, and NSSE 2006 supportiveness ratings for first-year students.]

Senior

![Bar chart comparing NJIT, Selected Peers, Carnegie Peers, and NSSE 2006 supportiveness ratings for senior students.]

NJIT
Selected Peers
Carnegie Peers
NSSE 2006

First-Year

58.0
59.8
56.1
59.1

Senior

50.5
58.5
53.8
56.6

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