



THE STATE UNIVERSITY OF NEW YORK

Potsdam



**National Survey of Student
Engagement [NSSE] 2009
Major Reports
SUNY Potsdam
Office of Institutional Effectiveness**

NSSE Major Reports 2009

- ▶ **Arts and Humanities**
- ▶ **Biological Sciences**
- ▶ **Business**
- ▶ **Education**
- ▶ **Physical Sciences**
- ▶ **Social Sciences**



NSSE Major Reports 2009



Includes:

- ▶ **Frequency counts and percentages for FY & SR for approx. 85 questions plus demographics**
- ▶ **Comparison with majors from Mid East Public/Carnegie/NSSE**

NSSE 2009 Frequency Distributions for BUSINESS
MAJORS at
SUNY Potsdam

			BUSINESS Seniors							
			SUNY Potsdam		Mid East Public		Carnegie Class		NSSE 2009	
<i>Variable</i>	<i>Response Options</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	
Asked questions in class or contributed to class discussions	CLQUE ST (ACL)	Never	0	0%	40	3%	182	2%	498	2%
		Sometimes	6	27%	433	29%	2,276	24%	6,820	24%
		Often	9	41%	500	34%	2,998	31%	9,117	32%
		Very often	7	32%	496	34%	4,216	44%	12,106	42%
		Total	22	100%	1,469	100%	9,672	100%	28,541	100%

NSSE Major Reports 2009



But Wait....Also Includes:

- ▶ **Weighted Benchmark Indicator clustered scores with mean, SD, Distribution and significance when compared with majors from Mid East Public/Carnegie/NSSE**

NSSE Benchmark Indicators of Effective Educational Practice

Level of Academic Challenge

Active & Collaborative Learning

Enriching Educational Experiences

Student – Faculty Interaction

Supportive Campus Environment

ARTS & HUMANITIES

^a Seniors

Mean Statistics

Mean SD ^b SEM ^c

LEVEL OF ACADEMIC CHALLENGE (LAC)

SUNY Potsdam (N = 42)	60.3	12.8	2.0
Mid East Public	57.7	14.5	.4
Carnegie Class	58.1	14.2	.2
NSSE 2009	59.0	14.0	.1

NSSE Major Reports 2009



- ▶ **Arts and Humanities:** includes the following major codes (majrpcod in your NSSE09 Codebook): 1 = Art, fine and applied, 2 = English (language and literature), 3 = History, 4 = Journalism, 5 = Language and Literature (except English), 6 = Music, 7 = Philosophy, 8 = Speech, 9 = Theatre or drama, 10 = Theology or religion, and 11 = Other arts & humanities.

▶ FY n=12 SR n=42

NSSE Major Reports 2009



- ▶ **Biological Sciences** include the following major codes (majrpcod in your NSSE09 Codebook): 12 = Biology (general), 13 = Biochemistry or biophysics, 14 = Botany, 15 = Environmental science, 16 = Marine (life) science, 17 = Microbiology or bacteriology, 18 = Zoology, and 19 = Other biological science.
- ▶ FY n=5 SR n=14
- ▶ No Benchmark Report due to small n.

NSSE Major Reports 2009



- ▶ **Business** include the following major codes (majrpcod in your NSSE09 Codebook): 20 = Accounting, 21 = Business administration (general), 22 = Finance, 23 = International business, 24 = Marketing, 25 = Management, and 26 = Other business.
- ▶ FY n=10 SR n=22

NSSE Major Reports 2009



- ▶ **Education** include the following major codes (majrpcod in your NSSE09 Codebook): 27 = Business education, 8 = Elementary/middle school education, 29 = Music or art education, 30 = Physical education or recreation, 31 = Secondary education, 32 = Special education, and 33 = Other education.
- ▶ FY n=60 SR n=67

NSSE Major Reports 2009



- ▶ **Physical Sciences** include the following major codes (majrpcod in your NSSE09 Codebook): 42 = Astronomy, 43 = Atmospheric science (including meteorology), 44 = Chemistry, 45 = Earth science (including geology), 46 = Mathematics, 47 = Physics, 48 = Statistics, and 49 = Other physical science.
- ▶ FY n=5 SR n=12
- ▶ No Benchmark Report due to small n.

NSSE Major Reports 2009



- ▶ **Social Science** include the following major codes (majrpcod in your NSSE09 Codebook): 63 = Anthropology, 64 = Economics, 65 = Ethnic studies, 66 = Geography, 67 = Political science (includes govt., int. relations), 68 = Psychology, 69 = Social work, 70 = Sociology, 71 = Gender studies, and 72 = Other social science.
- ▶ FY n=26 SR n=34

NSSE Benchmark Indicators of Effective Educational Practice

Level of Academic Challenge

Active & Collaborative Learning

Enriching Educational Experiences

Student – Faculty Interaction

Supportive Campus Environment

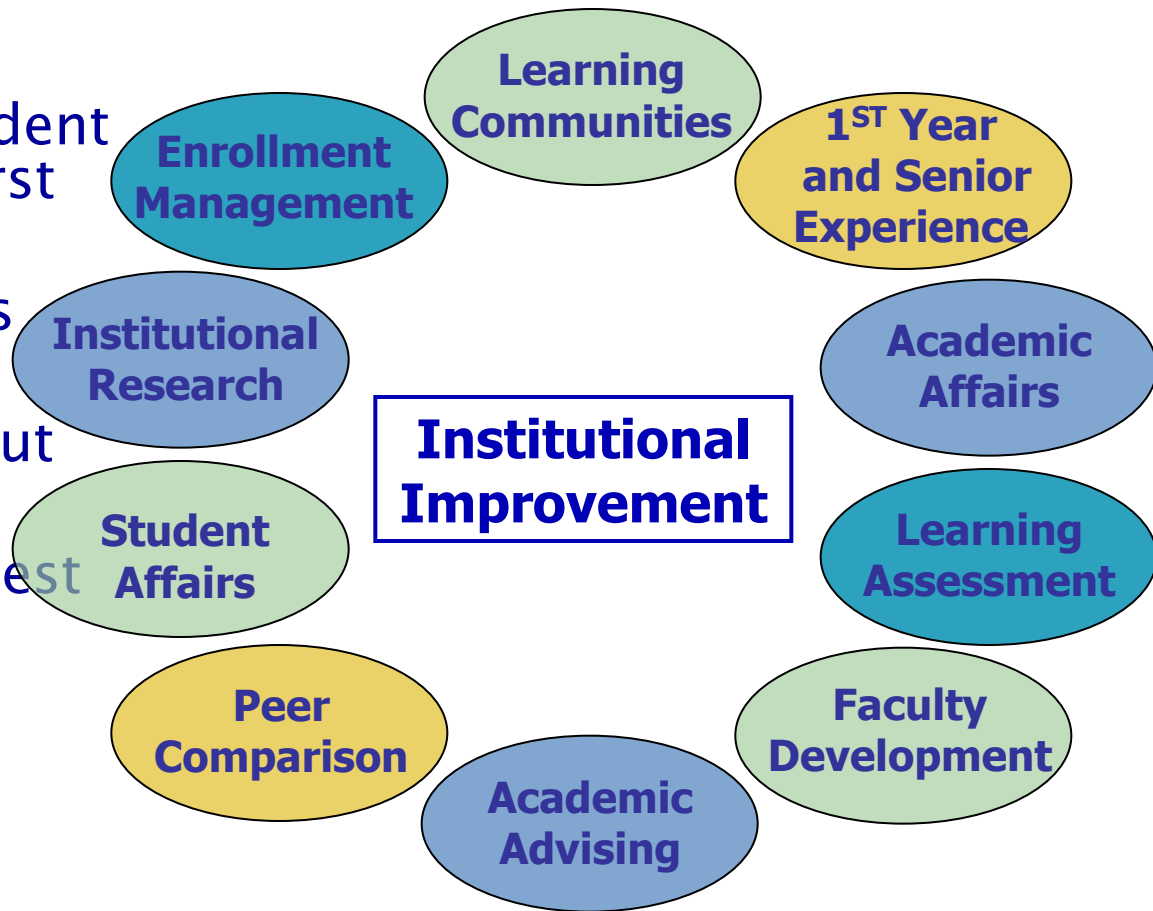
NSSE/Middle States Commission Accreditation Toolkit

- ▶ Accreditation Tips
- ▶ Crosswalk between 85 NSSE questions and the 14 MSCHE Standards
- ▶ Available at Office of Institutional Effectiveness Website – Student Learning Outcomes Assessment – Assessment Tools

<http://www.potsdam.edu/offices/ie/assessment/index.cfm>

Internal Campus Uses

- ▶ Gauge status of campus priorities
- ▶ Examine changes in student engagement between first and senior years
- ▶ Assess campus progress over time
- ▶ Encourage dialogue about good practice
- ▶ Link with other data to test hypotheses, evaluate programs
- ▶ Improve curricula, instruction, services



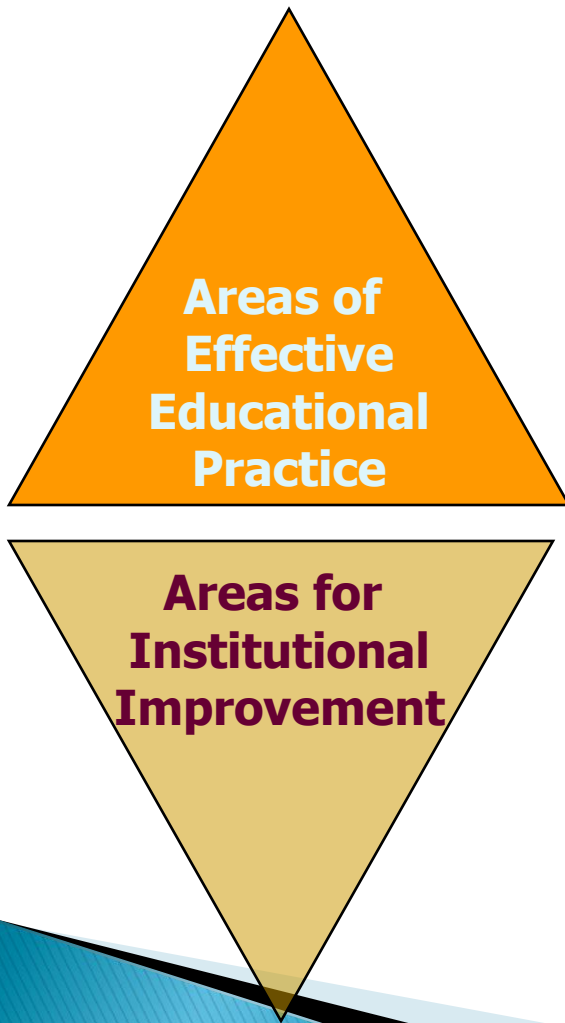
Effective Educational Practices

- ▶ Student–faculty contact
- ▶ Active learning
- ▶ Prompt feedback
- ▶ Time on task
- ▶ High expectations
- ▶ Cooperation among students
- ▶ Respect for diverse talents and ways of learning

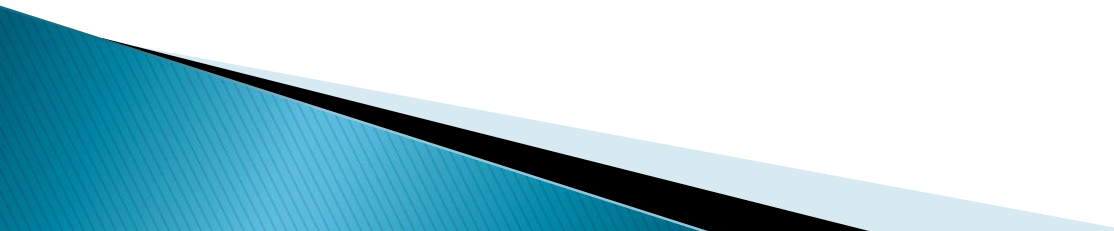


Chickering and Gamson. (1987). *Seven principles of good practice in undergraduate education.*

Using NSSE Data



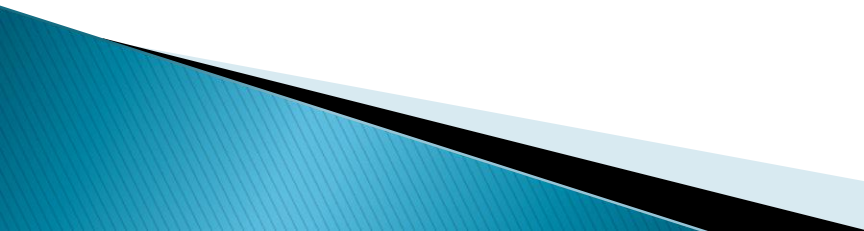
- ▶ Discover current levels of engagement (institution, major field, year in school)
- ▶ Determine if current levels are satisfactory (criterion reference, normative, or peer comparison)
- ▶ Target areas for improvement
- ▶ Modify programs and policies accordingly
- ▶ Teach students what is required to succeed
- ▶ Monitor student & institutional performance




Level of Academic Challenge (LAC)

- Number of assigned textbooks, books, or book-length packs of course readings
- Number of written papers or reports of 20 pages or more; number of written papers or reports of between 5 and 19 pages; and number of written papers or reports of fewer than 5 pages
- Coursework emphasizes: Analysis of the basic elements of an idea, experience or theory
- Coursework emphasizes: Synthesis and organizing of ideas, information, or experiences into new, more complex interpretations and relationships
- Coursework emphasizes: Making of judgments about the value of information, arguments, or methods
- Coursework emphasizes: Applying theories or concepts to practical problems or in new situations
- Working harder than you thought you could to meet an instructor's standards or expectations
- Campus environment emphasizes: Spending significant amount of time studying and on academic work.

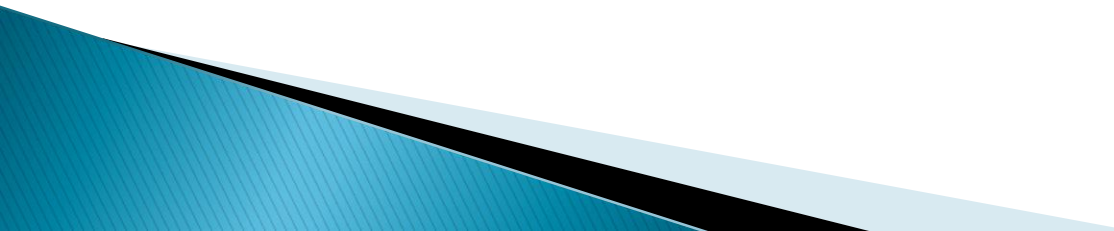
Active and Collaborative Learning (ACL)

- ▶ Asking questions/contributing to class discussions.
 - ▶ Making class presentations.
 - ▶ Work with other students during and outside of class.
 - ▶ Tutored or taught other students
 - ▶ Participation in a community-based project.
 - ▶ Discussed ideas from readings or classes with others outside of class.
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Student Faculty Interaction (SFI)

- ▶ Discussed grades or assignments with an instructor.
 - ▶ Talked about career plans with a faculty member
 - ▶ Discussed ideas from your readings or classes with faculty outside of class.
 - ▶ Worked with faculty members on activities other than coursework.
 - ▶ Received prompt written or oral feedback from faculty on your academic performance.
 - ▶ Worked on research project with faculty outside of course or program requirements.
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Enriching Educational Experiences (EEE)

- ▶ Participate in co-curricular activities
 - ▶ Practicum, internship, field experience, co-op, clinical.
 - ▶ Community service or volunteer work.
 - ▶ Independent study or self-designed major.
 - ▶ Culminating senior experience (i.e. capstone)
 - ▶ Using electronic medium to discuss or complete an assignment
 - ▶ Participate in learning community...
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Supportive Campus Environment (SCE)

- ▶ Provides support you need to succeed academically.
 - ▶ Helps you cope with non-academic responsibilities.
 - ▶ Support to thrive socially.
 - ▶ Quality of relationships with other students; faculty members; administrative personnel and offices.
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