College Student Experiences Questionnaire Assessment Program

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What is the IU Center for Postsecondary Research?

- Designated Research Center of Indiana University & the IU School of Education
  - CSEQ Assessment Program (CSEQ & CSXQ)
  - National Survey of Student Engagement (NSSE)
    - Beginning College Survey of Student Engagement (BCSSE)
    - Faculty Survey of Student Engagement (FSSE)
    - Law School Survey of Student Engagement (LSSSE)
  - Indiana Project for Academic Success (IPAS) and various other faculty-sponsored & grant projects
What is the CSEQ?

- The College Student Experiences Questionnaire (CSEQ) measures student progress and the quality of students' experiences inside and outside the classroom.
History of the CSEQ

- Developed 1979 by Dr. C. Robert Pace, UCLA
- Over 165,000 4th edition cases
- Over 500 institutions, representing all institutional types, have used the CSEQ
Design of the CSEQ

- 151 items overall
- 18 Background Items
- 13 Activities Scales
- 10 Environment Scales
- 25 Estimate of Gains
- Space for responses to 20 additional questions
Activities Scales

Reflect quality of effort students expend in activities related to:

- Library Experiences
- Computer and Information Technology
- Course Learning
- Writing Experiences
- Experiences with Faculty
- Art, Music, Theater
- Campus Facilities
- Clubs and Organizations
- Personal Experiences
- Student Acquaintances
- Scientific and Quantitative Experiences
- Topics of Conversation
- Information in Conversations
The College Environment

Ten scales measuring perceptions of the campus environment with regard to:

- The extent to which the campus emphasizes diverse aspects of student learning and personal development (7 items)
- Relationships with faculty members, administrators, and other students (3 items)
Estimate of Gains Scale

- Consist of student ratings of progress toward important educational goals
- Goals are presented in five major clusters:
  - General Education, Literature, Arts, and Social Sciences
  - Personal Development and Social Competence
  - Science and Technology
  - Intellectual Skills
  - Vocational Competence
CSEQ Psychometric Properties

- Reliabilities
  - Alphas range from .73 (Campus Facilities) to .92 (Scientific and Quantitative Experiences)
  - Most alphas above .80

- Factor Analysis
  - 16 factors were derived that closely approximate the activities and environment scales on the instrument
What is the CSXQ?

- The College Student Expectations Questionnaire (CSXQ) gauges how students expect to participate in educational activities, experience the campus environment, and realize specific learning outcomes.
History of the CSXQ

- Developed from the CSEQ by Dr. C Robert Pace and Dr. George Kuh in 1996
- FIPSE support for development
- Revised in 1998 (2nd edition)
- Over 61,000 students have completed the CSXQ at more than 50 institutions
Why Do Expectations Matter?

- Expectations affect the actual experiences of college students by:
  - Serving as a filter through which students evaluate and select various types of educational opportunities.
  - Predisposing students to seek specific learning activities.

- Student expectations and subsequent experience are not always congruent.
  - Ex: First-generation or low-income students may have less tacit knowledge of what college is like.
  - May influence students’ overall performance in college and satisfaction with their experience.
Why measure *expectations*?

- National focus on setting high expectations
- Differences between student and institutional expectations
- Social-psychological theories
Design of the CSXQ

- 101 items overall
- 14 Background Items
- Activities Items
- Environment Items
- Space for responses to 20 additional questions
Activities Scales (CSXQ)

- Library and Information Technology
- Experiences with Faculty
- Course Learning
- Writing
- Campus Facilities
- Clubs, Organizations, Service Projects
- Student Acquaintances
- Scientific and Quantitative Experiences
- Topics of Conversation
- Information in Conversations
The College Environment (CSXQ)

- Ten scales measuring perceptions of the campus environment with regard to:
  - The extent to which the campus emphasizes diverse aspects of student learning and personal development (7 items)
  - Relationships with faculty members, administrators, and other students (3 items)
CSXQ Psychometric Properties

- **Reliabilities**
  - Alphas range from .73 (Library and Information Technology) to .90 (Student Acquaintances)
  - Most alphas above .80

- **Factor Analysis**
  - 13 factors were derived that closely approximate the activities and environment scales on the instrument
New Resource on Promoting Reasonable Expectations

Promoting Reasonable Expectations: Aligning Student and Institutional Views of the College Experience
Thomas E. Miller, Barbara E. Bender, John H. Schuh

January 2006, Jossey-Bass
CSEQ/CSXQ Administration

- Paper or online version
- CSEQ takes 20-30 minutes, CSXQ takes 10-15 minutes
- Administration process
- Institution receives descriptive statistics, codebook, and SPSS files
- National norms comparisons available for both
Online Survey Version

You are logged in with a guest account; your responses will not be recorded.

During the coming year in college, how often do you expect to do the following?

Writing

- Ask other people to read something you wrote to see if it is clear to them.
- Refer to a book or manual about writing style, grammar, etc.
- Revise a paper or composition two or more times before you are satisfied with it.
- Ask an instructor or staff member for advice and help to improve your writing.
- Write a major report for a class (20 pages or more).

Continue
Paper versus Online Administration

**Paper**
- Capability to collect data from established audience
- E-mail addresses and Internet infrastructure unnecessary
- Less expense
  - No fee for additional questions
  - Smaller administration and per student fees

**Online**
- Alternate method of collecting data
- Able to collect write-in data
- Greater flexibility in format and number of additional questions possible
- Convenient for institution (full or self-service administrations possible)
CSEQ/CSXQ Administration Guidelines
Protecting Human Subjects in Survey Research

- Why CSEQ Assessment Program has required administration protocols
- Key Elements of CSEQ Assessment Program IRB Protocols
Why CSEQ Has New Required Administration Protocols?

- The CSEQ Assessment Program functions as both a tool for individual institutional improvement & an educational research project.
- All administrations must be conducted under research protocols designed to protect the rights of survey participants. This approach allows:
  - Creation of CSEQ and CSXQ normative data
  - Access to aggregate data files for research
  - Publication of individual research studies
Key Elements of CSEQ/CSXQ IRB Protocol

- Participation must be voluntary
- Participants must be informed of their rights
- No more than 5 direct contacts can be made with students invited to participate
- Campus staff administering surveys locally should not have evaluative relationships with invited participants
- Incentive programs designed to encourage survey participation should clearly note odds of winning (e.g., 1 in 100).
Additional Information

☐ Family Educational Rights and Privacy Act Regulations:

☐ The Belmont Report: Ethical principles and guidelines for the protection of human subject of research.
Common Uses of the CSEQ & CSXQ Instruments

- Institution and Program Assessment
  - Admissions, Orientation, Retention Efforts
  - Scholarship of Teaching and Learning
  - Pre-post analysis of first-year experience

- Accountability Initiatives

- Accreditation Reviews
Additional Resources from The CSEQ Assessment Program

- Student Advising Reports
- Additional Custom Analyses
- Research Resources
The Student Advising Report

- Displays student CSEQ or CSXQ responses alongside average response of campus peers
- Provides direct and personalized feedback to student, enhancing student/advisor relationship
- Allows early intervention with at-risk students
- Increases the value of assessments to students
Learning Activities

Learning in college requires time and effort not only in coursework, but also in the time spent studying, participating in student organizations and in your everyday conversations with peers and faculty. The scores below show how often you thought you would do the following. Response options are 1=never, 2=occasionally, 3=often, or 4=very often.

<table>
<thead>
<tr>
<th>MY EFFORTS TOWARD:</th>
<th>MY SCORE</th>
<th>MY PEERS</th>
<th>MY RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using Library and Information Technology</td>
<td>3.0</td>
<td>2.9</td>
<td>=</td>
</tr>
<tr>
<td>Engaging in Course Learning Experiences</td>
<td>3.8</td>
<td>3.2</td>
<td>+</td>
</tr>
<tr>
<td>Participating in Writing Experiences</td>
<td>2.8</td>
<td>2.7</td>
<td>=</td>
</tr>
<tr>
<td>Scientific &amp; Quantitative Experiences</td>
<td>4.0</td>
<td>2.7</td>
<td>++</td>
</tr>
<tr>
<td>Participating in Clubs &amp; Organizations</td>
<td>1.4</td>
<td>2.4</td>
<td>-</td>
</tr>
<tr>
<td>Using Campus Facilities</td>
<td>2.6</td>
<td>2.7</td>
<td>=</td>
</tr>
<tr>
<td>Variety in Conversation Topics</td>
<td>2.6</td>
<td>2.6</td>
<td>=</td>
</tr>
<tr>
<td>Use Class Learning in Conversations</td>
<td>2.7</td>
<td>2.7</td>
<td>=</td>
</tr>
</tbody>
</table>
Additional Custom Analyses

- Special data analysis can be performed for institutions beyond the basic frequencies and descriptive statistics.

- Institutions commonly request additional statistical comparisons between groups, such as:
  - Two groups on a campus (e.g., men and women, participants in an honors program and general students)
  - An institution's students and norms data for other schools in its Carnegie Classification
  - Current first-year students and first-year students from a previous year
  - First-year and senior data for the same students

- Special analysis is billed at $150.00 per hour

- Contact us for more information
Research Resources

- Searchable database of related research

**Publications**

(Leave the search field blank if you wish to view the entire list.)

Search Keywords: [college] [Search]


- Normative data available

- Helpful websites:
  - [www.cseq.iub.edu](http://www.cseq.iub.edu)
  - [http://www.cpr.iub.edu/index.cfm](http://www.cpr.iub.edu/index.cfm)
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