IEC ASSESSMENT DAY

December 16, 2014
Agenda

- 9:30 a.m. Welcome & Approval of Minutes from November 20, 2014
- 9:35 a.m. Reports
  - Assessment Subcommittee
  - General Education
  - University Learning Outcomes
- 10:00 a.m. Set Meeting Schedule for Spring 2014
- 10:15 a.m. Break
- 10:30 a.m. NSSE Results and Discussion
- Noon Lunch
- 12:30 p.m. Results from Preliminary Strategic Planning Survey
Reports

- IEC Assessment Subcommittee
- General Education
- University Learning Outcomes
IEC Assessment Subcommittee

- Review of Academic Programs shows that the majority of units are either best practice or acceptable overall.
- Outcomes is the area of greatest strength.
- Use of results is an area of relative weakness.
Additional Conclusions
- All units have established measurement targets for their program outcomes.
- Some units have established program outcomes in addition to program learning outcomes.

Going Forward
- All units will need to establish program outcomes in addition to program learning outcomes.
- Director of IEP will produce a report on first three years of reviewing for February meeting of IEC.

To Academic Units: keep up the good work!
General Education

- **Areas Assessed 2013-14**
  - Area B: Institutional Options
  - Area D: Natural and Computational Sciences
  - Global Perspectives

- **Areas to Be Assessed 2014-15 (again)**
  - Area A1
  - Area A2
  - Critical Thinking
Area B Learning Outcome 1:
- Students will be able to evaluate information critically.
- Targeted Course
  - LIBR 1101 Information Literacy

Area B Learning Outcome 2:
- Students will be able to understand cultural differences.
- Targeted Courses
  - THEA 1110 Performance Skills for Business and Professions
  - WMST 2001 Introduction to Women’s Studies
Area B Results 2013-14

**Outcome 1**
- Assessment of Class Projects in LIBR 1101 (N=72)
  - 93% of the students sampled were able to use information to achieve a purpose at or above the meets adequately level
  - 87% were able to evaluate information critically at or above the meets adequately level
- Target=85%

**Outcome 2**
- Assessment of Class Projects (N=79)
  - 80% of the students able to recognize their own cultural assumptions and biases at least adequately
  - 57% of students able to recognize elements that are important to members of another culture at least adequately
- Target=80%
Area D Assessment

- Area D Learning Outcomes
  - Students will be able to interpret symbolic representations of data relevant to the physical world
  - Students will be able to evaluate the relationship between observation and inference in the natural sciences

- Targeted Courses
  - A variety of courses in Biology, Chemistry, Geology, and Physics
Embedded Assessment Questions on Final Exams (different questions in each class/unit)

- 1) the student can determine a critical value from a symbolic representation of a set of values (interpret)
- 2) the student can provide a qualitative description of the relationship between two parameters presented in a symbolic representation of data (relationships)
- 3) Based on the relationship(s) depicted in the graphic representation, the student can predict or extrapolate a value that is not given or can assess the generality or consistency of their prediction (predict)
Area D Results 2013-14

- **Biology**
  - Interpret=81.7%
  - Relationships=86.9%
  - Predict=60.7%

- **Chemistry**
  - Interpret=95.6%
  - Relationships=74.3%
  - Predict=78.4%

- **Geology-Physics**
  - Interpret=74%
  - Relationships=66.7%
  - Predict=54%

- **Targets**
  - Interpretation Target=70%
  - Relationships=70%
  - Prediction Target=70%
Global Perspectives Learning Outcome:
- Students will be able to articulate factual and conceptual knowledge concerning world-wide societal dynamics.

Targeted Courses
- HIST 1111 World Civilization I
- HIST 1112 World Civilization II
Global Perspectives Results 2013-14

- Embedded Assessment Question on Final Exam
- History faculty assessed on questions using a rubric with one element and five levels of achievement (five highest to one lowest)
- Target=85% at 3 or above

Results
- 5=13.4%
- 4=19.4%
- 3=23.9%
- 2=17.9%
- 1=25.4%
Concerns of the CoAA General Education Review Subcommittee

- Area B
  - Outcome 2 slightly below target

- Area D
  - Comparability of results
  - Presentation of results
  - Several areas where results are significantly below target

- Global Perspectives
  - Results significantly below target, especially high percentage of ones.
Any suggestions for improvement?

Overall report on first three years of attainment plan forthcoming.
Proposed University Learning Outcomes

- GSW Graduates have demonstrated general competency in the following areas:
  - Written Communication
  - Quantitative Problem Solving
  - Critical Evaluation of Information
  - Understanding of Cultural Differences
  - Articulating Factual and Conceptual Knowledge of the Humanities and Fine Arts
  - Interpreting Symbolic Representations of Data Relevant to the Physical World
  - Evaluating the Relationship between Observation and Inference in the Natural Sciences
GSW Graduates have demonstrated general competency in the following areas (continued):

- Articulating Factual and Conceptual Knowledge
  - Concerning historical and societal dynamics within the US
  - Concerning world-wide historical and societal dynamics
- Evaluating Problems or Texts
- Composing Organized, Coherent, and Accurate Responses to Problems or Texts
Proposed University Learning Outcomes

- GSW Graduates have demonstrated advanced competency in at least one area of Specialized Learning (the Major)
- GSW Graduates have demonstrated competency appropriate to their area of specialized learning in the following Intellectual Skills:
  - Communication
  - Quantitative Reasoning
  - Problem Solving
  - Information Literacy
GSW Graduates are able to apply their Specialized Learning and their Intellectual skills in real world situations.

GSW Graduates have demonstrated general competency in the following areas of Global Learning:

- Identifying, describing and explaining cultural differences
- Asking questions about other cultures and finding answers to those questions
- Interacting with people from other cultures
Meeting Schedule for Spring 2014

- What needs to be done?

- How many meetings will be necessary to accomplish these tasks?
NSSE 2014

Link to NSSE Results Package
Preliminary Strategic Planning Survey

- 6308 Email invitation sent to Students, Fac-Staff, and GSW Foundation Trustees
  - Note that about 20% of emails bounced, so only about 5000 emails were actually received
- 1389 (22%) opened the email
- 492 (35%) started the survey
- 366 (74%) completed the survey
  - 234 Students
  - 101 Fac-Staff (58/43)
  - 11 Administrators
  - 8 Trustees
Preliminary Strategic Planning Survey

- **Top Three Strengths**
  - Academic Programs (238)
  - Faculty-Student Interaction (231)
  - Learning Environment (183)

- **Top Three Weaknesses**
  - Financial Resources (144)
  - Tie
    - Campus Atmosphere (89)
    - Campus Facilities (89)
  - Administration (88)
Selected Opportunities (multiples)
- Community involvement-economic development
- Consolidation-Merger
- New president-administration
- More online opportunities

Selected Challenges (multiples)
- Consolidation-Merger
- Faculty turnover-compensation
- Lack of student activities-retention
- Enrollment
- Finances