issue:1055

2006 Winter Issue, Vol. 2, No. 1

Teaching, Learning, and Assessment Processes

- **Assessing Student Learning**
    - [A Spreadsheet Method for Promoting Learning in a Non-Supervised Testing Environment](#)
    - [A Statics Concept Inventory: Development and Psychometric Analysis](#)
    - [Developing and Assessing Students' Entrepreneurial Skills and Mind-set](#)
- **Undergraduate Research Experiences**
    - [Enhancing Core Competency Learning in an Integrated Summer Research Experience for Bioengineers](#)
    - [Integrating Undergraduate Research into Engineering: A Communications Approach to Holistic Education](#)
- **Continuous Improvement for Courses**
    - [A Course-level Strategy for Continuous Improvement](#)
- **Pedagogy for Project and Design Learning**
    - [Service-learning in Engineering: A Valuable Pedagogy for Meeting Learning Objectives](#)
    - [A Learning Community of Unversity Freshman Design, Freshman Graphics, and High School Technology Students: Description, Projects, and Assessment](#)
    - [Evaluations of Introducing Project Based Design Activities in First and Second Years of Engineering Courses](#)

Teachers and Learners

- **Ethics**
    - [Ethics and the Development of Professional Identities of Engineering Students](#)
- **Recruitment, Retention, and Success**
    - [An Examination of Indicators of Engineering Students' Success and Persistence](#)
    - [Influence of African American Engineering Student Perceptions of Campus Climate on Graduation Rates](#)
    - [Embracing the Future: Bioinformatics for High School Women](#)
    - [A Science Pipeline Pathway for Training Underrepresented Students in the Biomedical Sciences](#)
- **Diversity**
    - [Spotlighting: Emergent Gender Bias in Undergraduate Engineering Education](#)
    - [Gender Writ Small: Gender Enactments and Gendered Narratives About Lab Organization and Knowledge Transmission in a Biomedical Engineering](#)

Courses, Laboratories, Curricula, Instructional Materials, and Learning Technologies