

End-of-Program Review 2008-09***Compelling Intellectual Experience(s) and Successful Pedagogical or Innovative Practice*****Scientific Inquiry Programs**

Program name	Faculty	For purposes of helping reflect on the range of teaching practices and experiences at the college, please identify the most compelling intellectual experience(s) in your program or the most successful or innovative pedagogical practice in your program.
Algebra to Algorithms	Brian Walter	Independant student projects that apply program concepts
Computer Science Foundation	Richard Weiss	Group work on problem solving, including problems which had been assigned for homework. Reading quizzes which required students to read about topics before they were introduced in the class, followed by lab and workshop exercises and concluded with homework problems and discussion of these problems in class. Group projects chosen by students with guidance from faculty.
Energy Matters	John Perkins	Field trip to puget sound energy's wind turbine installation
Introduction to Natural Science	Paula Schofield	Successful pedagogical practice: student-designed 10-week group research lab and field projects, culminating in Powerpoint presentations.
Astronomy & Cosmologies	E.J. Zita	The process of helping students turn their research TOPIC into an open QUESTION with testable HYPOTHESES is often a high point in their critical thinking. Truly practicing the scientific method is where they start to encounter real surprises, challenges to their assumptions. They start to work through challenges (with teammates) in ways that can build confidence and skills for the future.
Foundations of Health Science	Kevin Francis	I would go with this one [arrows pointing to previous responce] Jim Neitzel also made a more general presentation on our program to NW chem soc. you might contact him for more information.
Models of Motion	Krishna Chowdary	Student-driven seminars, workshops, projects. Integrated lecture/lab/demos. Attendance at math and science conferences. "Peer instruction". Reading quizzes/guides/learning goals.
Molecule to Organism	Lydia McKinstry, Andrew Brabban & Benjamin Simon	Research of primary scientific literature and public presentation of that research.