

Science 2008-09

Accomplishment Description:

Wrote and received funding for grants:

Meyer Trust for a Sustainable Environment: Developing Sustainable (Green) Laboratory Modules for First Year Chemistry was funded and completed. Partnered with UO faculty to develop and revise general chemistry lab into green labs. Introductory green chemistry lab also was developed; results were presented at several chemical education conferences. [\$33,168 one year plus extension]

Meyer Fund for a Sustainable Environment: A collaborative effort between LCC (Roger Ebbage, Tammie Stark, Sonja Mae), Kennedy High School and the University of Oregon (Sarah Mazze) to increase water efficiency in Southern Willamette Valley schools and residences. Free online materials including a teacher's manual and how-to video will be posted for use by other teachers. [\$22,000 over one year]

NSF Division of Undergraduate Education: Leading Alternatives in National Energy Solutions (LANES), to the Energy Management Program . [\$810,000 3-year award] The grant deliverables are putting the entire energy management program online and developing partnerships with a maximum of 10 community colleges nationally who will assemble cohorts and receive energy courses streamed in either a synchronous or asynchronous format.

DOL grant - Recovery Act: Green Workforce Training. Partnering with Lane County Workforce Partnership, NRG developed a pathway between High School and Higher Ed. NRG began training 18-24 year old students with barriers to success this past summer in a 7 week course. NRG will begin training the adult population in October. Expectations are to work with 400 individuals who are served by Lane County Workforce Partnership. Funded, NRG/NEEI

Grants proposed--

DOE grant proposal - Recovery Act: Solar Market Transformation. The proposal is to establish Lane as the regional solar workforce training center. NRG/NEEI

DOE grant proposal - Recovery Act: Training Program Development for Commercial Building Equipment Technicians, Building Operators, and Energy Commissioning Agents/Auditors. This is a partnership with Siemens Building Technologies. The proposal is to put training online using the virtual world, Second Life, as the delivery medium. NRG/NEEI

DOL grant proposal. SESP - NRG Partnering with Lane County Workforce Partnership proposed a flexible schedule version of the two-year degree program in energy efficiency. The proposal will provide for 1.0 FTE energy instructor who will be the lead and principal instructor for all energy related classes. The target audience is state-wide unemployed who will be screened for math and technical skill level. NRG/NEEI

Strategic Direction

- Promote professional growth and provide increased development opportunities for staff both within and outside the College.
- Build organizational capacity and systems to support student success and effective operations.
- Achieve and sustain fiscal stability.
- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.
- Create a diverse and inclusive learning college: develop institutional capacity to respond effectively and respectfully to students, staff, and community members of all cultures, languages, classes, races, genders, ethnic backgrounds, religions, sexual orientations, and abilities.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.
- Commit to a culture of assessment of programs, services and learning.
- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.

Learning Plan Goals

- Enhance student transitions at all levels.
- Enhance student success and retention
- Increase support for innovation in instruction.

Student Affairs Plan Goals

- Provide assessment-based services and programs.
- Develop policies and practices to increase student persistence.
- Assess the student experience from pre-enrollment through goal completion.

College Council Priorities

- 5.4 Instructional Redesign: Grants
- 5.3 Instructional Redesign: External Revenue Generation
- 5.2 Instructional Redesign: Leveraging Technology
- 4.2 Responding to unit plans/council plans: Curriculum Development
- 4.1 Responding to unit plans/council plans: Innovation
- 1.f. Enrollment Management: Partnerships with 4-year Colleges and Universities
- 1.e. Enrollment Management: Increase Credit Enrollment Level
- 1.c. Enrollment Management: Workforce Development
- 1.b. Enrollment Management: Recruitment and Retention