



High Impact Technology Exchange Conference

Educating America's Technical Workforce

Fairmont Scottsdale (Arizona)

July 19–22, 2009

Title: Session P5: Student Programs for Life Support and Sustainable Living

Date/Time: Wednesday, July 22, 1:30 PM – 3:00 PM

Location: Fairmont Scottsdale Resort, Salon Princesa

Description: The Life Support and Sustainable Living (LSSL) Pilot Program has been successfully implemented, helping to prepare engineers and technologists with both technology and professional skills that are required to meet today's workforce demands. LSSL also addresses the recruitment and retention of underrepresented populations by targeting females and minorities at 50% of enrollment in the program. The advantage of the LSSL Program is that it prepares students to not only learn critical thinking and relevant technical skills, but to also enter the workforce with professional skills including teamwork, leadership, project planning, and social networking experiences. This session will describe the program and key issues related to implementation on community college campuses.

Presenters:

John Birch, Program Director, LSSL

Karen Wosczyzna-Birch, Executive Director, Regional Center for Next Generation Manufacturing (RCNGM)

Paola Jaramillo, Engineering Technology Curriculum Specialist

Bob Dinan, Student participant in the LSSL program

Mehrdad Faezi, Faculty and Technical Advisor for the LSSL program



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