








Building Campus Community Through Collaborative Problem Solving held March 25-26, 2011 at Heartland Community College, Normal, IL
"From Campus to Community: Developing Intentional Civic Engagement Outreach Programs as Exemplified by Innovative Programs at the Illinois State University Department of Physics"

By Dr. Jay Ansher, Dr. Dan Holland, Ms. Grace Johns, Dr. George Rutherford, and Mr. Tom Willmitch
 Illinois State University, Department of Physics (www.phy.ilstu.edu or 309-438-8756)

Project Name	ISU Planetarium	Physics on the Road (PoTR)	Uncommon Knowledge WGLT Radio Show	ISU Solar Car Team	ISU Physics/ADP and AAUW-BN Essay Contest; and ISU Physics Women in Science Initiatives: EYH Conference and AWIS-HOI	Innovative Design Project
Established	September 1964	2004	January 2006	November 2004	Essay Contest since 2005 EYH at ISU since 1991 AWIS-HOI at ISU since 1994	January 2010
Web site	www.phy.ilstu.edu/~trw/planet.html	Pending	www.wgl.t.org/programs/uncommon_knowledge/	www.phy.ilstu.edu/events/ASC2010.shtml	www.aauw-il.org/bloom www.eyh.ilstu.edu www.phy.ilstu.edu/AWIS-HOI	www.phy.ilstu.edu/~idp
Sample Pictures or Graphics			 <small>Illinois State University President Al Bowman and host Janet Moore make last minute changes in the script for which Bowman was an expert source.</small>	 June 26, 2010, ISU Solar Car—Mercury III—heading out for the last leg of the 1100 mile American Solar Challenge	 AMERICAN ASSOCIATION OF UNIVERSITY WOMEN  expanding your horizons <small>inspiring young women in science & mathematics</small>	
Format	15 – 20 different educational programs for a variety of age groups and topics can be seen at the Planetarium—educational materials are available for teachers..	Science demonstrations presented to schools and community groups at their own venues—including the Children’s Discovery Museum, the Normal Public Library and others.	Weekly Radio show on WGLT illuminating science in everyday life. Local experts share their insights. Past shows are podcast for listening at your convenience.	Student teams design and build a solar car for each year’s “rayce”—then students participate in the annual road rally or track rayce, as well as, science exhibits to communities.	Through partnerships with schools and communities, the AAUW-BN High School Essay Contest program engages individuals in issues of equity and fairness. The EYH Conferences and AWIS-HOI involve mentoring for 5 th – 10 th grade girls, and secondary and postsecondary women, respectively.	Teams of students produce practical solutions to technical problems for citizens, businesses, or other entities.
Purpose	To increase the knowledge of and enthusiasm for space science in our community.	To engage young people in our community in enjoying the FUNDamentals of science in their every day life.	To engage our community in finding out about science in their every day lives.	To engage university and high school students in learning and applying renewable energy –and by extension, engaging the community and businesses as well.	<i>The American Association of University Women promotes: “Advancing equity for women and girls through advocacy, education, philanthropy, and research.”</i> * to act as mentors and role models for women and young people * to foster supportive learning environments for all	To train students and solve worthwhile real-world problems
Faculty/Staff Advisor and their contact info	Tom Willmitch, Planetarium Director ISU Physics, 438-2496 trw@phy.ilstu.edu	Dr. Jay Ansher ISU Physics, 438-5247 ansher@phy.ilstu.edu	Dr. Jay Ansher ISU Physics, 438-5247 ansher@phy.ilstu.edu and Janet Moore University College jlmoore@ilstu.edu	Dr. Dan Holland ISU Physics, 438-3243 holland@phy.ilstu.edu	AAUW-BN – Grace Foote Johns Asst. to the Chairperson ISU Physics, (309) 438-8758 johns@phy.ilstu.edu www.phy.ilstu.edu/~johns	Dr. George Rutherford IDP Director ISU Physics, 438-2934 ghr@ilstu.edu