



**Title**            **Pollution Prevention Education and Assistance for Small Business**

**Summary**        UAA has received four EPA Pollution Prevention Incentive grants since July 2003. The most recent was awarded in August 2006 and will be administered by Margaret King of the Office of Community Partnership's *Resource Solutions* team, with Larry Foster and Allison Butler serving as co-PI's. Two earlier grants are administered by Larry Foster through the Office of Community Partnerships. The first grant was administered by Steve Colt and Patricia DeMarco through ISER.

All four projects have shared similar objectives: to assist small businesses and other organizations, involve student interns, build networks, and promote pollution prevention, energy conservation, and other sustainable business practices in the community. Green Star, a local non-profit agency, has been a major partner in all four projects.

**Accomplish-ments**    A partial list of activities and accomplishments includes:

- Creation, maintenance, upgrades, and promotion of the Alaska Materials Exchange (AME) website (<http://www.greenstarinc.org/ame/ameindex.php>)
- Enrollment of new businesses in Green Star Standards and Air Quality programs
- Development of student intern, student mini-grant, and faculty mini-grant programs to extend pollution prevention activities and metrics to small businesses and other community partners
- Annual Bioneers in Alaska Conference (October 2004, 2005, 2006)
- UAA Sustainability Conference (March 2005)
- UAA Student Leadership Conference (April 2005)
- Green Star Electronics Recycling event (April 2005)
- UAA Sustainability library

**Current Activities**    A partial list of current activities includes:

- Identify metrics for measuring effectiveness of the on-line AME catalog
- Develop partnerships to develop Environmental Management Systems (EMS) training for small businesses and rural communities
- Demonstrate UAA's Energy Star Program to community organizations
- Identify pollution prevention (P2) technical service gaps and develop education and training pathways to address them
- Advance UAA's P2 knowledge and capabilities by working with university leader the University of Idaho.
- Conduct research on incentivizing P2 for commercial, industrial and home loans to determine information and technical assistance needed by financial institutions to underwrite P2 measures
- Continue intern program partnership with APU; expand to UAF and UAS.



## Details

	Grant #1	Grant #2	Grant #3	Grant #4
<b>Dates</b>	7-15-03 to 6-30-04	10-01-04 to 7-31-06 Extended to 12-06	8-1-05 to 7-31-06 Extended to 12-06	August 2006 to September 2007
<b>PI</b>	Steve Colt Patricia DeMarco	Larry Foster	Larry Foster	Margaret King Larry Foster Allison Butler
<b>Lead Entity</b>	ISER	Office of Vice Provost Office of Community Partnerships	Office of Community Partnerships	Office of Community Part- nerships
<b>Partners</b>	Green Star	Green Star	Green Star	Green Star
<b>Components</b>	<ul style="list-style-type: none"> <li>• Develop web-based version of Alaska Materials Exchange (AME) catalog (with Green Star)</li> <li>• Develop student intern program</li> <li>• Develop multi-media network</li> <li>• Address Bioaccumulative and Toxic Chemicals (PBTs); Replace mercury switches; Assist students to reduce PBTs</li> <li>• Develop and deliver Environmental Management Systems (EMS) training to villages</li> </ul>	<ul style="list-style-type: none"> <li>• Provide technical assistance to small business; develop measurement standards for Alaska Materials Exchange (AME) catalog</li> <li>• Implement student intern program</li> <li>• Promote pollution prevention through multi-media sustainability network</li> <li>• Expand UAA's Energy Star program into community</li> <li>• Develop partnerships to promote Environmental Management Systems (EMS) to small businesses and rural communities</li> </ul>	<ul style="list-style-type: none"> <li>• Provide technical assistance to small business; develop measurement standards for Alaska Materials Exchange (AME) catalog</li> <li>• Expand student intern program; assist APU to develop similar program</li> <li>• Promote pollution prevention through multi-media sustainability network</li> <li>• Energy conservation: Anchorage Energy Efficient Lighting campaign</li> <li>• Partner and Conference Coordination</li> </ul>	<ul style="list-style-type: none"> <li>• Provide technical assistance to small business; develop measurement standards for Alaska Materials Exchange (AME) catalog</li> <li>• Expand student intern program; assist APU and UAF to develop similar programs</li> <li>• Promote pollution prevention through multi-media sustainability network; initiate outreach to rural Alaska</li> <li>• Target sector-based pollution prevention strategies for restaurants, hotels, and lodging facilities</li> <li>• Identify pollution prevention technical service gaps and develop education pathways to address them</li> <li>• Partner and Conference Coordination</li> </ul>
<b>Grant \$\$</b>	\$111,441	\$111,253	\$99,930	\$84,997