



**APICC**  
Alaska  
Process Industry  
Careers Consortium  
[www.apicc.org](http://www.apicc.org)  
Visualize Your Future

Spring 2012

2012 VOLUME 2

## APICC Spearheads STEM Initiative for Alaska Public Schools

*IBM to Provide Technical Expertise to Alaska Secondary Engineering Academies*

The Alaska Process Industry Careers Consortium (APICC), an Alaskan industry-based workforce development non-profit, working with University of Alaska statewide system has reached an agreement and developed a comprehensive plan to collaborate with the Alaska Department of Education and Early Development and the Alaska Department of Labor and Workforce Development to plan, develop and support access to engineering academies for all Alaska's public high school students.

The Alaska Secondary Engineering Academies initiative will provide access to engineering academies for public high school students in Alaska and, working in parallel with the University of Alaska's efforts to double its annual number of students graduating with engineering degrees, will help build a pipeline of highly qualified Alaskans to enter careers in STEM (Science, Technology, Engineering and Mathematics) fields.

APICC is also pleased to announce that IBM has joined the Alaska Secondary Engineering Academies initiative and will be providing technical expertise to help move the initiative forward. IBM has a long tradition and

business relationship with several Alaskan based companies and educational institutions including Mount Edgecumbe High School and the University of Alaska.

The curriculum is an excellent one for qualifying students for scholarships, especially the Alaska Performance Scholarship.

The pathway to engineering is built upon science, technology and math. Engineering Academies are a catalyst for attracting more students to STEM areas. Academies engage students through learning and applying STEM skills to design and create projects.

This initiative will grow Alaska's technical workforce from both the urban and rural areas of Alaska, which is aligned with IBM's commitment to grow a diversified workforce of tomorrow.

Alaska's process industries directly generate over one third of jobs (and indirectly many more) for Alaska residents.

*(Continue page 2 "STEM")*

### In this issue:

- STEM Initiative
- NSTC New Members
- Mobile Lab



**Left to right:** Dr. Collin Harrison & Todd Kelsey (IBM) with APICC Executive Director, Todd Bergman. Dr. Harrison, a distinguished engineer in IBM's Enterprise Initiatives Team, leads technical strategy for Smarter Cities. Todd Kelsey is IBM's ITSO Global Content Services Manager. IBM representatives were in Anchorage to announce a partnership with APICC, and to conduct the Alaska Smarter Planet Executive Conference, in cooperation with Anchorage Economic Development Corporation.

## STEM

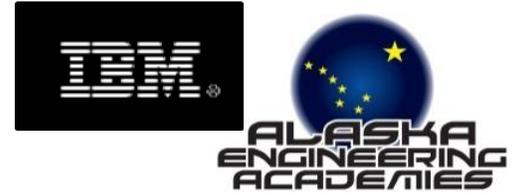
(Continued from Page 1)

APICC's mission (Developing an Alaskan workforce that is well trained and available to meet the needs of Alaska's Process Industries) and measures add significant value to Alaska's economic prosperity, the health and vitality of Alaska's communities, and careers pathways for Alaskans. APICC has an eleven year history

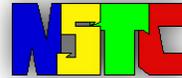
and over a decade of strategic alliances with Alaska industry, business, education, trade associations, and labor, a dedicated board of directors, and staff focused on workforce development. In April of 2009, the APICC Board of Directors passed a resolution supporting the Alaska Secondary Engineering Academies initiative.

Complete information on the Alaska Engineering Academies Initiative can be found

at the APICC website at [www.apicc.org](http://www.apicc.org), click on the Engineering Academies Logo, or go to: [http://www.apicc.org/servlet/content/alaska\\_engineering\\_academies.html](http://www.apicc.org/servlet/content/alaska_engineering_academies.html)



## NSTC Seeking New Members



by JANE OAKLEY, NSTC Manager

NSTC is beginning to meet with new independent Operators that have begun exploration and drilling projects on the North Slope and in Cook Inlet to encourage their membership and active participation.

As a cooperative effort among the Operators, NSTC offers the benefits of a standardized safety training program and high quality delivery of its courses through qualified company and third-party instructors. Although the curriculum is generic in nature, it can be customized to meet the specific onshore and offshore needs of clients throughout Alaska.

The recently completed Offshore Safety Awareness Course is currently customized for workers on man-made islands, marine vessels, and platforms in the Chukchi and Beaufort Seas, but can be easily adapted to other offshore locations.

Existing NSTC Operator and Contractor members can assist in marketing efforts by distributing the NSTC informational brochure and curriculum flyer to potential members. Current members can share the benefits of NSTC membership with other companies by emphasizing the cost-sharing approach, which makes participation equitable for both large and small companies.

NSTC members are encouraged to forward contact information for Safety Managers in new companies with an interest in joining the NSTC. Information can be sent to NSTC Manager Jane Oakley [joakley@apicc.org](mailto:joakley@apicc.org), or APICC Executive Director Todd Bergman [tbergman@apicc.org](mailto:tbergman@apicc.org)

May 2012

- 16 APICC Board of Directors - 2nd Quarter Meeting
- 29-30 TIE Orientation & Safety Training

June 2012

- 18 ASEA Executive Committee Meeting
- 22 Alliance Golf Tournament

July 2012

- 13 ASEA Advisory Council Meeting
- 25 AEDC Economic Forecast - Mid-Year Update

### NSTC WEBSITE UPDATE

North Slope Training Cooperative website is being upgraded. Changes will increase functionality & create an easy to use site, for both experienced NSTC instructors and workers seeking information on training. [www.nstc.apicc.org](http://www.nstc.apicc.org).



### Process Technology goes mobile Lab visits Kotzebue, Sitka and Unalakleet

Retired UAA Process Technology Instructor, Doug Edmontson, traveled with APICC Staff and the Process Technology Mobile Lab to Sitka during February. Students attending the Sitka World of Work career event were excited to participate in the hands-on presentation and learn about careers in the Process Industry.

In March, the same crew headed off to Kotzebue, where the Mobile Lab was a huge hit with students and staff of the Northwest Arctic Borough School District.

Doug got a break from traveling when UA Professor Rick Adams signed on to take the Lab to Unalakleet at the end of April. Rick was joined by UA PTEch student Gabe Abel, APICC Administrative Assistant Diana Roediger, and 2011 BP/APICC Teacher Extern Reid Tulloch. The group gave a community presentation and shared fun, interactive exercises with students from Bering Strait School District.

For more information and scheduling forms for the APICC Mobile Lab, please visit the APICC website at [www.apicc.org](http://www.apicc.org), or call the office at (907) 770-5250.

