

<u>Question</u>	<u>Answer</u>
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Title of Paper	Creating Pathways to Engineering for Youth in Alaska
Abstract	<p>Alaska is a developing State. It is rich with natural resources and is at a relatively young age as a State. The economic health of Alaska is dependent upon development of its resources and the building of the infrastructure needed to support development. Consequently, there is a shortage of engineers.</p> <p>The shortage is directly tied to three main factors: 1) the Alaska university system graduates too few engineering students, 2) a growing industry demand for more engineers, and 3) attrition due to retirements.</p> <p>In November 2009, the State entered into an agreement with industry and the university system to establish engineering academies in middle and high schools throughout all of Alaska in both rural and urban areas. The partnership is unique in its application to all of Alaska. In addition, the tripartite partnership of State educational and labor agencies, the State university system, and industry has proven so far to be very successful.</p> <p>While the work can be considered at an early stage, many lessons have already been learned and several successes have been achieved. It is a model that may hold many benefits for other states to implement.</p> <p>****</p>