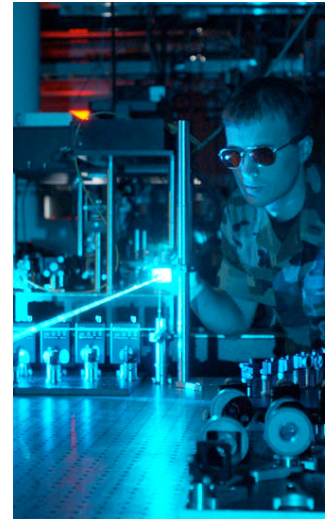


SpringBoard is a national partnership between the Juneau Economic Development Council (JEDC) and the US Department of Defense (DoD) that works to transfer and commercialize technologies developed by DoD laboratories. Established in 2004, SpringBoard's activities create or expand business opportunities, support development of future scientists and engineers, and help DoD meet the diverse technology-based needs of its various missions.

Primary Activities

- Assess DoD's technology-addressable needs.
- Facilitate licensing of DoD-developed technologies to companies throughout the US.
- Craft and facilitate joint R&D agreements between DoD laboratories and companies.
- Assist companies commercializing technologies that can benefit DoD.
- Develop partnerships of all types that add value to DoD.
- Identify DoD technologies of potential interest to industries with interests and operations in cold climates.
- Spark student interest in science, technology, engineering and math (STEM) through a three-pronged initiative in K-16 education.



Assistance Provided

- Educate companies and partners about opportunities to work with DoD.
- Promote DoD technologies and capabilities to companies and partners.
- Provide a value-added interface between companies, partners and DoD laboratories.
- Assist all partners with the process of defining and crafting agreements.
- Leverage the DoD technology transfer network to expand partner opportunities by identifying additional available technologies and collaborative opportunities.
- Offer expert business assistance to companies commercializing DoD-relevant technologies and help transition their technologies to address DoD needs.

Benefits

- Satisfy DoD mission needs by supporting the further development and commercialization of DoD technologies.
- Expand business opportunities for companies to grow and create new, high paying jobs.
- Provide a return on the public's investment in DoD-related R&D by moving resulting technologies into the private sector for public benefit.
- Increase the number of students moving into STEM careers to address DoD's future needs for highly qualified scientists and engineers.

Success To Date

Since 2006, SpringBoard's initiatives have resulted in 49 technology licenses, research partnerships, educational partnerships, and other related transactions and agreements.

For more information about SpringBoard, please visit gospringboard.org or contact us in Juneau, Alaska at 907-523-2300.

Representative examples:

- Facilitated the US Navy Space and Naval Warfare Systems Command Center Pacific’s robot pool loan program, receiving a nomination for the Federal Laboratory Consortium/Far West Region’s Technology Transfer Outstanding Partnership of the Year award.
- Developed and conducted a market perception study to determine how best to make industry more aware of opportunities to work with DoD and its labs.
- Brought DoD-developed transportable waste-to-energy systems to rural Alaska.
- Facilitated the licensing of BUILDER™ building management software.
- Facilitated three licenses for new vaccine technology.

Our Values

SpringBoard’s culture is rooted in the value of building effective, lasting, trust-based relationships among all client companies, partners, educational institutions, DoD labs, and other stakeholders.

Science, Technology and Math Educational Partnerships

SpringBoard’s approach to STEM through professional development, enrichment and advocacy is designed to engage and inspire students while maximizing value for dollars invested. The broad aim is to build the STEM talent pool to meet DoD and national imperatives for a 21st century workforce.



Professional Development

Proven teacher workshops combine high-caliber science with resources to bring STEM content alive in K-12 classrooms:

- CryoConn—The science of winter and cryospheric investigations
- SeaPerch—Design engineering of robots for aquatic research
- LabView Programming—Industry-relevant skills for robotics coaches
- Other inquiry-based, hands-on workshops that foster problem-solving and team-building skills

Enrichment

Enrichment programs focus on experiential learning, critical thinking and problem solving:

- FIRST® internationally renowned K-12 robotics competitions of increasing complexity
- Summer science camps that focus on real-world applications and interaction with science and technology professionals
- Community events celebrating science and engineering

Advocacy

SpringBoard builds partnerships with government agencies, the business community, public schools and other formal academic institutions, and local organizations to promote STEM education throughout Alaska and to assess priorities, current programs and future efforts for STEM education in the state.

STEM at a Glance

- 270 teachers from 17 school districts have received STEM training—they impact more than 3,000 students per year
- In addition, 2,500 students have participated in STEM enrichment programs
- SpringBoard has established 40 partnerships to deliver high quality programs

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