

Alaska Capital Engineers

A branch of the American Society of Civil Engineers

February 2023 Newsletter

Alaska Capital Engineers Awards and Scholarship Banquet

This year the Juneau Branch is excited to be hosting our first Award and Scholarship Fundraiser Banquet since 2020!

The banquet will be next weekend on Saturday February 25, 2023 at the Elizabeth Peratrovich Hall. This year's banquet will recognize the Project of the Year and Engineer of the Year and also serve as an opportunity to raise money for scholarships for local graduating high school seniors and current college students pursuing engineering vocations.

Funds are being raised through scholarship fund donations as well as through a silent auction that will take place at the banquet. Silent auction items will include a Northstar Helicopters Drop off on Thunder Mountain, CBJ Docks & Harbors Launch Ramp Permit, two round trip tickets anywhere Alaska Seaplanes flies, two Allen Marine Tour tickets for the Tracy Arm Fjord & Glacier Explorer Tour, Heritage Coffee Basket, Local Brewery Bucket, Wine Basket, and a Self-care Basket. The banquet will also have a no-host bar.

Thank you to those of you who RSVP'd with us. If you have not made payment, please send a check to ASCE Juneau Branch, PO Box 33322, Juneau, AK 99803 or bring a check or cash to the banquet. \$75 Individuals and \$400 for a table of 6. Space is limited so if you would like to attend please RSVP to Chris@proNHS.com.

Keynote Speaker: Rorie Watt, CBJ City Manager

Speaker Bio:

Rorie Watt is the City Manager for the City and Borough of Juneau, a position that he has held since April of 2016. Prior to this, Rorie served in the CBJ's Engineering and Public Works Departments for 22 years in various capacities, starting as a seasonal utility inspector and eventually becoming licensed as a Civil Engineer.

He enjoys solving complicated problems and always advises college engineering students that they should spend efforts on improving their writing and public speaking skills – turns out that his own secret sauce of technical + communication skills provides for interesting career paths.

In his spare time, Rorie rock climbs, reads about rock climbing and obsessives about rock climbing. He would be happy to talk about the risks and rewards of rock climbing. At any time. Really, at any second.



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Engineers Week: February 19-25, 2023

This year's Engineers Week theme—Creating the Future— recognizes the vital role engineers and technicians play in innovating solutions to today's global challenges and asks you to engage K-12 students in engineering. Engineers play a vital role in innovating solutions to global challenges that impact future generations. By working together to develop new technologies, products and opportunities, engineers create new possibilities that make the world a better place.

Go to <https://discovere.org/engage/engineers-week/> for more information on ways you can volunteer.

Opening the Box: STEAM (science, technology, engineering, art and math)

The Sealaska Heritage Institute works with public school teachers through its STEAM program, which teaches math skills to middle-school students through Northwest Coast art. Teams of teachers, artists, and SHI staff are producing, field testing, and disseminating a series of supplemental math resources that incorporate Tlingit culture and language geared for beginning algebra and geometry courses.

SHI is building the model for use in Southeast Alaska by adapting nationally recognized, successful math programs developed by other organizations outside the region. The institute also collaborates and provides support to teachers through its high school STEAM program, establishing a regional traditional knowledge community of practice that includes STEAM educators and cultural specialists to design and offer culturally relevant STEAM curriculum for Alaska Native students transitioning into high school. SHI supplements traditional knowledge curriculum with opportunities outside of school to build student identity as STEAM professionals that is aligned with cultural values. These include a STEAM network of professionals to provide mentorship, coaching, role modeling, and internship/job shadowing opportunities for Alaska Native students.

For more information on events and volunteer opportunities visit <https://www.sealaskaheritage.org/institute/education/programs#STEAM>

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APDC Fly-In

The Alaska Professional Design Council (APDC) is a non-profit corporation that represents the common interests of Alaska's design professionals.

Members include engineers, land surveyors, landscape architects, and interior designers that live and work throughout the state of Alaska. APDC's core purpose since its inception in 1976 has been to bring together the diverse disciplines of the professional design community to represent shared interests.

The cumulative representation includes about 5,000 engineers, landscape architects, land surveyors, and interior designers throughout the state. This includes design professionals in both the private and public sectors.

Every year the APDC hosts a legislative fly-in in Juneau to discuss topics of interest with our legislators and the AELS Board. Those topics typically include professional licensure, funding for capital improvements and maintenance, qualifications-based selection, design code updates, and STEM education.

The member organizations represented within APDC include ASCE, ASID, ASLA, ASPE, ASPLS, ITE, and SEAAK. The 2023 APDC Fly-In will be held in Juneau February 28th – March 2nd.

If you are interested in participating, please contact ASCE's APDC Rep. David Gamez at d.gamez@lounsburyinc.com

Science Fair - Impact Opportunity

Help Support the Next Generation of Scientists, Engineers, and Mathematicians with the Alaska Science and Engineering Fair
The Alaska Science and Engineering Fair (ASEF) needs your help!
We are looking for volunteers and sponsors to both make the science fair tick and fund our 501(c)3 nonprofit organization. Our state fair is run by an all-volunteer team and funded entirely by Alaskan businesses and individuals committed to inspiring the next generation of STEM students and professionals.

The 2023 fair in March would be ASEF's 68th year bringing together K-12 students – both in-person and virtual – from around Alaska to present their hard work: science projects. ASEF participants learn valuable research, communication, and critical thinking skills while competing for scholarships, special awards, and a chance to compete at the International Science and Engineering Fair held in May each year. ASEF has opened countless doors for thousands of students who have gone on to advance science in college and career - and it's all thanks to our dedicated volunteers and contributors.

Help us continue the science fair tradition for many years to come while supporting the next generation of Alaska's young scientists, engineers, and mathematicians! Sign up to volunteer or sponsor today!

Volunteer: <https://alaskasciencefair.org/teachers-mentors/information-for-volunteers/>

Donate/Sponsor: <https://alaskasciencefair.org/about-asef/sponsor-or-donate/>



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ASCE Membership Renewal

The ASCE Membership renewal deadline was the end of 2022. If you missed the deadline you can still visit www.asce.org for details on how to join or renewing your membership.

Current Job Postings

(Visit <https://branches.asce.org/juneau/> for more information)

PND Engineers, Inc - Structural Engineer - Juneau, AK
RESPEC - Senior Civil Engineer - Juneau, AK
RESPEC - Senior Structural Engineer - Juneau, AK
RESPEC - Land Surveying Technician - Juneau, AK
RESPEC - Structural Engineer (EIT) - Juneau, AK

proHNS LLC - Civil Engineer - Juneau, AK
proHNS LLC - Resident Civil Engineer - Haines, AK
CBJ Dock & Harbors - Port Engineer Juneau, AK

Local Branch Officers:

2022-2023 ALASKA CAPITAL ENGINEERS OFFICERS	
ASCE President – Micki Minsch, EIT Vice President – Sean Kelly, EIT Treasurer – Chris Bydlon, PE Secretary – Eva Melancon, PE Past President – Janice Wells, PE Emeritus – Mark Sams, PE, SE Special Committees School Outreach/STEM Coordinator - Please Volunteer Dream Big Coordinator - Please Volunteer	ASPE - Alaska Society Contacts Past President – Craig Bledsoe, PE President – Jeanne Bowie, PE President Elect – Frank Wuttig, PE Secretary – Leora Houtary, PE Treasurer – Iain McPherson, PE NSPE House of Delegates – Craig Bledsoe, PE Anchorage Chapter Director – Brian Lamson, PE Fairbanks Chapter Director – Vacant Juneau Chapter Director - Darrell Wetherall, PE

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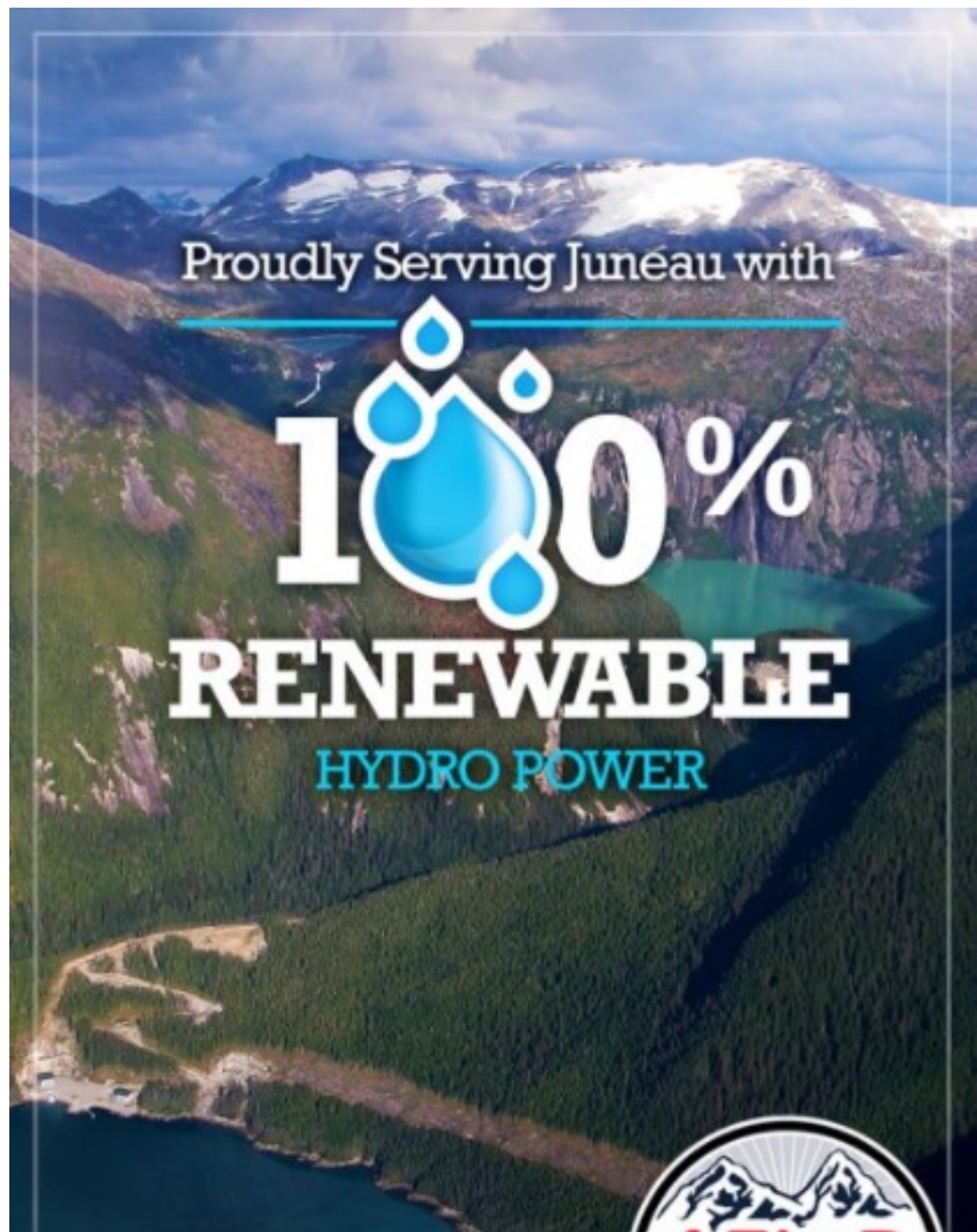
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