

# ALASKA CAPITAL ENGINEERS

SEPTEMBER 2020

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## UPCOMING EVENTS

Virtual Luncheon Via Zoom

Date: TBD

## MESSAGE FROM THE ASCE JUNEAU BRANCH PRESIDENT

Dear Alaska Capital Engineers,

Though it may not have turned out as any of us had expected, I hope that everyone has been able to make the most of these past few months. As summer comes to a close, the Juneau Branch of ASCE will be starting back up.

Given the current situation with the coronavirus (COVID-19) pandemic we hope that everyone is being safe and following the current federal, state and local guidelines. In order to help protect the health and welfare of our members and our community ASCE nationals is highly encouraging that all meetings for the remainder of the 2020 calendar year be conducted virtually. To comply with these recommendations, we are pursuing the use of the virtual meeting software Zoom to provide virtual presentations in place of our regular in person luncheons.

These presentations will be hosted live at a predetermined date and time as well as saved and archived on the Juneau Branch Website. If you or someone you know would be interested in being a presenter this year, please contact one of the Juneau Branch officers. We are always looking to hear from local professional and the projects that are happening in our community.

This month will also be my last month as the Juneau Branch President. We will be hosting our Juneau Branch elections this month, you should receive a link to the ballot in your email. We appreciate if you take a few moments to fill this out.

We hope that everyone can stay safe and healthy and we are looking forward to being able to see all of you again in-person, hopefully in the not too distant future.

Thank you,

Ethan Roemeling

**SUPPORT THE ENDOWMENT OF THE DALE NELSON MEMORIAL CIVIL ENGINEERING SCHOLARSHIP FUND**

Dale Albin Nelson, PE, F.ASCE 14 December 1944—01 January 2019



Growing up in Washington, Dale worked at his parents’ logging and sawmill business as well as at his grandparents’ cattle ranch. Completing his degree in Civil Engineering, Dale realigned his dream and moved to Alaska, where he worked for the U.S. Army Corps of Engineers at Fort Richardson. Soon after, Dale married Elaine, and they were blessed with two children: Garth Nelson, a registered civil engineer, and Lesa Zimnawoda, an environmental scientist.

Committed to strong family values, Dale was a strong role model for Anchorage youth, teaching positive work ethic, compassion, and community involvement, and a stalwart proponent of young engineering professionals, providing powerful mentorship and advocacy. He distinguished himself as an active and influential member of ASCE, assuming leadership responsibility within ASCE beginning in 1971, serving all positions within the Board of Directors of the Anchorage Branch and the Alaska Section, and as a Regional Governor and

Director. In October 1999, Dale was elevated to the ASCE Fellow status and he became a life member in 2009. Throughout his career, Dale was admired and well respected by the engineering community he so passionately served.

**Dale Nelson Memorial Civil Engineering Scholarship Fund**

In his honor and memory, Dale’s family established the Dale Nelson Civil Engineering Memorial Scholarship, which is currently gathering funds through the University of Alaska Foundation in a holding account. Current funding has reached \$22,000, and it is hoped that the \$25,000 level needed for an endowed scholarship will be reached soon

**Your Financial Support**

If you are able to contribute, you may do so online (<https://engage.alaska.edu/>, select "Other" as designation, and write "Dale Nelson Memorial Scholarship Fund" in the comment section), by check (checks payable to “University of Alaska Foundation” and write "Dale Nelson Memorial Scholarship Fund" in the memo section), or by wire transfer (contact the University of Alaska Foundation at 907-450 -8030 or [foundation@alaska.edu](mailto:foundation@alaska.edu) for details).

Checks may be mailed to:

University of Alaska Foundation	University of Alaska Foundation
2025 Yukon Drive	1815 Bragaw St., Ste.203
PO Box 755080	or Anchorage, AK 99508
Fairbanks, AK 99775	

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**DREAM BIG, ENGINEERING OUR WORLD**

All around the world, engineers are pushing the limits of ingenuity and innovation in unexpected, imaginative, and amazing ways. Dream Big: Engineering Our World, a giant-screen film about engineering, takes viewers on a journey of

discovery from the world’s tallest building to a bridge higher than the clouds. Along the way, the audiences witness how today’s engineers are shaping the world of tomorrow.

**ASCE NEWS BRIEF**

**Dream It. Believe It. Build It.**

BY Samantha-Rose Hall

September 1, 2020

Dedicated to the welfare of the public, civil engineers are society’s unsung heroes. But no hero has the same story. Civil engineering is a global profession and community. Therefore, civil engineers can come from anywhere and take inspiration from anything.

For Tresor Moolo, that story and his inspiration both begin where he grew up – in Bau, a town in the South Ubangi province of the Democratic Republic of Congo. It’s an area where limited access to clean water drives a cycle of poverty and suffering.



Children collect water from local springs. PHOTO: Tresor Moolo

It’s where Moolo has known

heartbreaking loss. But it’s also where he found the love and inspiration to pursue a career in civil engineering; a career that now supports his goal to give back to his hometown and inspire others to help their own communities.

“I grew up in a region where you feel like the world is against you. Access to simple infrastructure was very difficult,” said Moolo, who now works as a civil engineer at [OSEH Inc.](#) and is an active member of the ASCE Illinois Section. “I think it’s because there’s just so many obstacles, and it’s so difficult to overcome them. It is hard to get out and to grow when you don’t have resources available to you. Coming from an economically depressed region, I think of how hard it was for me to get to where I am, and I never gave up. If you always have hope, you can do anything.”

Read more here: <https://news.asce.org/dream-it-believe-it-build-it/>

**INFORMATION SHORTS**

**PROFESSIONAL DEVELOPMENT HOURS**

The ASCE Juneau Branch will provide electronic continuing education development hour certificates for those who are interested in tracking development hours received by attending the Alaska Capital Engineers Luncheons to hear speakers present on engineering topics. Certificates can be found on the branch webpage: <http://branches.asce.org/juneau/>

**ASCE JUNEAU BRANCH WEBSITE**

Bookmark this website for easy access to the events calendar, PDH certificates, new and archived newsletters, contact information and much more: <http://branches.asce.org/Juneau/>

For questions or concerns regarding the Juneau Branch ASCE website, please contact Ethan Roemeling.

**ACCESSENGINEERING**

Developed in partnership with McGraw-Hill Education, ASCE members now have FREE and unlimited usage of this award-winning engineering reference tool: [www.asce.org/AccessEngineering](http://www.asce.org/AccessEngineering)

**MEMBERSHIP AND RENEWAL**

Thank you for your continued membership and support for ASCE and NSPE. Our professional organizations provide a great opportunity to network with other members of the engineering profession. Select the links below for society membership information.

[ASCE Membership Information](#)

[NSPE Membership Information](#)

**2019-2020 ALASKA CAPITAL ENGINEERS OFFICERS**

**ASCE**

- President – Ethan Roemeling, EIT
- Vice President - Lucas Chambers, PE
- Treasurer – Janice Simmons, EIT
- Secretary – Micki Minsch, EIT
- Past President – Matt McGuan, PE

Emeritus - TBD

**Special Committees**

- School Outreach/STEM Coordinator - Please Volunteer
- Dream Big Coordinator - Please Volunteer

**ASPE - Alaska Society Contacts**

- Past President - Jeanne Bowie, PE
- President - Chris Miller, PE
- President Elect – Craig Bledsoe, PE
- Secretary - Leora Houtary, PE
- Treasurer - Michael Spano, EIT
- NSPE House of Delegates - Brad Fristoe, PE
- Anchorage Chapter Director – Brian Lamson, PE
- Fairbanks Chapter Director - Frank Wuttig, PE
- Juneau Chapter Director - Darrell Wetherall, PE



**Submit Resume & Cover Letter to:**  
Human Resources at [jobs@pdceng.com](mailto:jobs@pdceng.com)

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# Civil Engineer

Position Opening

**Location:** Juneau, Alaska

PDC Engineers is seeking a leader to join our full-service engineering team! We design innovative world-class projects utilizing state-of-the-art technologies.

This is a hands-on design and management position for utility, site and transportation design projects. Applicant must have experience providing technical leadership within civil engineering and diversified knowledge of engineering and construction practices. Candidates must possess strong communication skills, and the ability to lead a multidiscipline team, manage projects and interact with clients. This is a great career opportunity for a dynamic, energetic individual with proven technical and leadership skills.

**Qualifications/Skills:**

- B.S. in Civil or Engineering
- Alaska Professional Civil Engineer License or ability to obtain within one year
- 10+ years' of experience
- AutoCAD & Civil 3D proficiency
- GIS experience is a plus
- Able to manage team and contracts on multiple projects concurrently
- Detail oriented & well organized with demonstrated ability to meet deadlines
- Strong verbal & written communication skills

PDC is a 100-percent employee-owned company. We offer competitive pay, excellent benefits (healthcare, retirement, disability & life insurance, paid time off, 8-holidays/year) and advancement opportunities.

Submit your cover letter and resume to PDC Engineers, Attn: Human Resources, 6205 Glacier Hwy., Juneau, AK 99801 or at [jobs@pdceng.com](mailto:jobs@pdceng.com).

All responses held confidential. Open until filled.

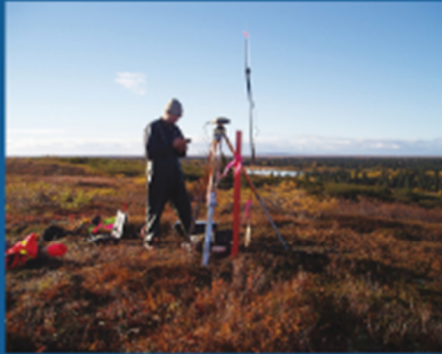
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**PDC is an Equal Opportunity Employer**

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.

**Ongoing Recruitment**

We always have room for more talent. If this position isn't the right one for you but you still feel like you'd be a great addition to our team, visit [www.PDCENG.com/open-positions](http://www.PDCENG.com/open-positions) and let us know what position you're interested in. We'll make sure your information gets into the right hands.



[WWW.PDCENG.COM](http://WWW.PDCENG.COM)

# Professional Land Surveyor

## Position Opening

**Location: Juneau, Alaska**

PDC Engineers is seeking an experienced Professional Land Surveyor to join our full-service engineering team and lead and grow our Southeast Survey Department in Juneau, AK. We design innovative world-class projects utilizing state-of-the-art technologies from five offices throughout Alaska. We offer competitive pay and excellent benefits that includes paid time off (PTO), eight (8) paid holidays/year, healthcare, group life/disability, retirement, education reimbursement and advancement opportunities. PDC is a 100-percent employee-owned company.

The successful candidate will be licensed as a Professional Land Surveyor (PLS) in the state of Alaska. Duties include establishing legal boundaries of properties, subdivision plats, Dept. Of Natural Resources plats (ASLS, ATS, Accretions). This position facilitates work for small to large projects and entails the ability to work on many type of survey works, collaborating with multi-discipline engineering staff, clients, and other invested individuals to review and coordinate findings; interprets survey data and calculates geodetic measurements to determine shapes, positions, and elevations of geomorphic and topographic features. Schedules, assigns, supervises work of survey parties, engages in collection, processing and mapping of survey data. Provides advanced professional, technical, day-to-day support, guidance, and input to staff and other team members. Prepares project submittals to ensure that project budgets are met and reviews each project upon completion for quality assurance.

**Qualifications/Skills:**

- Registered land surveyor in Alaska
- 5+ years of relevant work experience
- Proficient in Trimble Business Center and AutoCAD with Civil 3D desired
- Experience with GPS equipment, total station instruments, data collectors
- Boundary, control, Bathymetric, and topographic survey experience
- Thorough understanding of the principles, practices, and procedures of land surveying
- In depth knowledge of federal and state laws related to land surveying
- Excellent mathematical skills to conduct land survey analysis
- Strong verbal & written communication skills
- Ability to work on multiple projects concurrently and meet deadlines

Submit your resume to PDC Engineers, Attn: Human Resources, 6205 Glacier Highway, Juneau, AK 99801 or at [jobs@pdceng.com](mailto:jobs@pdceng.com). Open until filled.

Anchorage | Fairbanks | Juneau | Palmer | Soldotna



## proHNS is Hiring (Civil Engineer)

**Haines, Alaska**

This position, based in Haines, AK, will manage a variety of interesting projects and hone your skills in site development, production of construction drawings and specifications, design of utilities, and construction of government-owned facilities. Most of our projects include all aspects of civil engineering design through on-site construction inspection and contract administration. This job requires professionalism, out-of-the-box thinking, open communication, and a willingness to push the limits of one's expertise. For the right candidate, this is a position that allows for putting down lasting roots in Haines while also continuing to grow with proHNS.

Successful candidates will have at least five years of relevant professional experience, a bachelor's degree in civil engineering or related field, and an Alaska Professional Civil Engineer license (or ability to obtain within one year). Preferred skills include proficiency in AutoCAD Civil 3D and other engineering software applications, solid time management skills, and ability to produce accurate, high-quality work under deadline.

We offer competitive pay, paid personal leave, a SIMPLE IRA retirement program, eligibility for annual performance bonuses, a relocation stipend, and more. To learn more about the position, visit [www.proHNS.com/careers](http://www.proHNS.com/careers). Submit your cover letter, resume, and references to [solutions@proHNS.com](mailto:solutions@proHNS.com).



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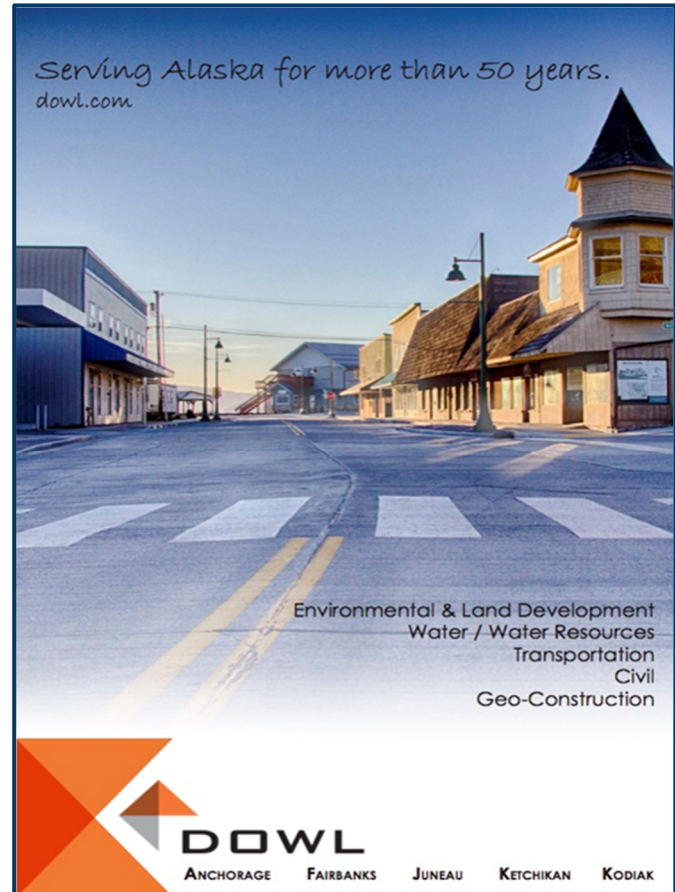



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