

October 2019

ALASKA CAPITAL ENGINEERS

Upcoming Events

October Luncheon (10/9/19) –
Speaker: Dave Hanna, Alaska
Concrete Casting; Location:
AEL&P Conference Rm

Inside This Issue

1. Upcoming Events & Speakers
2. Message
3. Luncheon
4. ASCE News Brief
5. MATHCOUNTS
6. Dream Big
7. Haines Civil Engineering Job
8. Information Shorts
- 9-12. ACE Sponsors
13. Officer Information

March Menu Lunch Buffet

Catered by Breeze In
\$20 per person
\$10 under 35 years old
Location: AEL&P

Contact Ethan Roemeling to submit
ideas for luncheon Speakers:
EthanRoemeling@pdceng.com

ASCE Juneau President-elect's Message



Fellow Engineers,

As the newly elected Vice President of the ASCE Juneau Branch it has been my pleasure to serve on the board for the past year and look forward to my continued service. We have two new members on the board this year Janice Simmons from PDC and Micki Minsch from DOWL. Janice is a structural engineer-in-training and is taking over as the Branch Treasurer. Micki is a transportation design engineer-in-training and will be filling the roll of Branch Secretary. I would also like to thank out going Branch President Matt McGuan for his service on the board.

This week our presenter will be Dave Hanna, owner of Alaska Concrete Casting. Alaska Concrete Casting is located here in Juneau on Concrete Way in Lemon Creek and provides specialty and standard casting for a wide variety of construction needs.

Each month ASCE hosts a luncheon to provide a platform for guest speakers to present new projects, programs and topics of interest to our members. If you or someone you know would like to share your project or program, please contact one of the Juneau Branch officers.

Thank You,

Lucas Chambers, PE
ASCE Juneau Branch Vice President

October Luncheon: Dave Hannah

Presenter: Dave Hannah
Alaska Concrete Casting

Where: AEL&P

When: Wednesday, November 9th,
Noon to 1



Dave Hanna will be speaking to us on behalf of his company Alaska Concrete Casting. He will be discussing the products that they make as well as the emerging technology that they use to provide Juneau with high quality precast concrete products.





The bridge traverses the Oregon Inlet, an area that is one of the most dynamic and dangerous inlets on the Atlantic Coast.



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By DOMENIC COLETTI, P.E., M.ASCE, ELIZABETH HOWEY, P.E., P.G., M.ASCE, JOHN JAMISON, P.W.S., R. DOMINICK AMICO, P.E., M.ASCE, MOHIT GARG, P.E., NICHOLAS BURDETTE, P.E., AND PHIL DOMPE, P.E., M.ASCE

The Marc Basnight Bridge, completed this year, replaces the existing Herbert C. Bonner Bridge, a 2.4 mi long structure that carried North Carolina Highway 12 over the Oregon Inlet. The new bridge, which is slightly longer at 2.8 mi, features extensive use of precast concrete for durability, economy, and constructability; a first-of-its-kind driven pile foundation verification method; and innovative, environmentally sensitive construction approaches.

The Outer Banks consist of a series of barrier islands off the coast of North Carolina; the area is essentially a 200 mi long series of sandbars several miles offshore. Featuring beautiful beaches, historic lighthouses, and abundant natural flora and fauna, the Outer Banks have been a recreational destination for decades. Isolated from the mainland by Pamlico Sound, the Outer Banks were originally reachable only by boat. By the early 20th century, ferries facilitated automobile access. In the mid- to late-20th century, the North Carolina Highway Department (now the North Carolina Department of Transportation [NCDOT]) constructed several viaduct bridges to improve access to the many popular tourist destinations in the area.

[Read more >>>](#)

MATHCOUNTS®

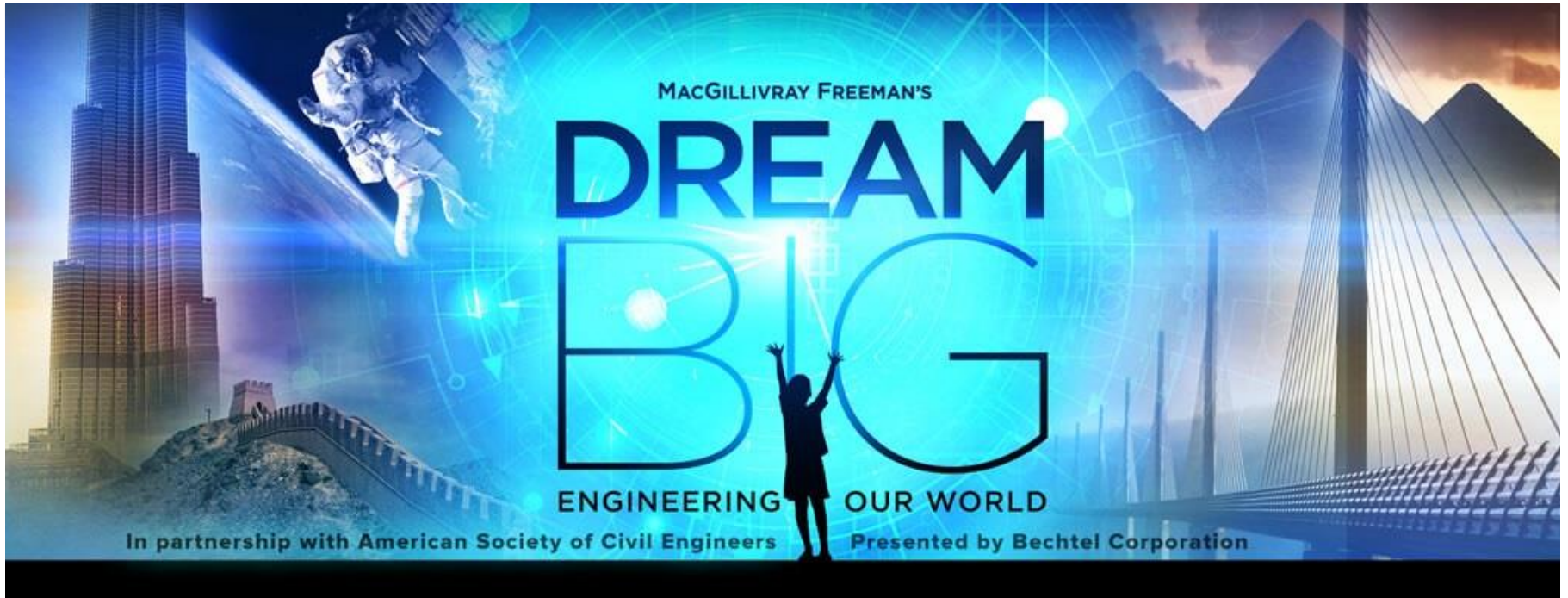


Members of last year's Southeast regional MATHCOUNTS winning team from Dzantik'i Heeni Middle School. From left: coach Mary Borthwick, Marina Lloyd, Krishna Bathija, Addy Mallott and Edward Hu. (Kevin Gullufsen | Juneau Empire)

The MATHCOUNTS Foundation is a 501(c)3 non-profit organization that reaches students in grades 6-8 in all US states and territories with extracurricular math programs. More than a quarter million students participate each year.

<https://www.mathcounts.org/>

For information on MATHCOUNTS in Juneau, or to volunteer, contact Doug Murray (dougmurray@pdceng.com)



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.

proHNS is Hiring (Civil Engineer)

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. Submit your cover letter, resume, and references to solutions@proHNS.com.



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



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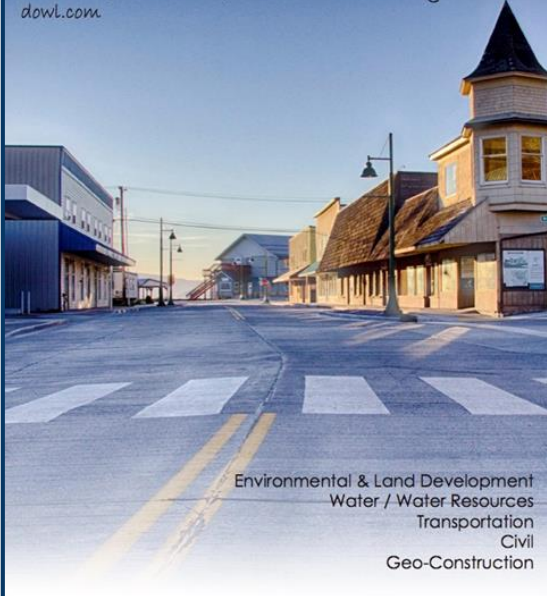


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Membership and Renewal

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](#)

2018-2019 Alaska Capital Engineers Officers

To support Alaska Capital Engineers, consider sponsoring this newsletter. Contact Ethan Roemeling at

EthanRoemeling@pdceng.com



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

DiscoverE Week - Please Volunteer
Halibut Feed - Please Volunteer
School Outreach/STEM Coordinator - Please Volunteer
Dream Big Coordinator - Please Volunteer

ASPE - Alaska Society Contacts

Past President - Jeanne Bowie, PE
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