



January 2010 Newsletter

Check out our Facebook page! Our group name is "ASCE YMG - Colorado Section"

In this Issue:

[UPCOMING EVENTS](#)

[PAST EVENTS](#)

[OFFICER POSITIONS AVAILABLE](#)

[MEMBERSHIP POSTINGS AND ASCE INFORMATION](#)

[PE & EIT CORNER](#)

[JOB LISTINGS](#)

[MEMBER POSTINGS](#)

[NEWSLETTER SUBMISSION](#)

[ASCE YMG MAILING LIST](#)

SCHEDULE OF UPCOMING EVENTS (details in newsletter)

[KICK OFF PARTY – THURSDAY, JANUARY 14, 2010 – 5:30-7:30PM](#)

OTHER IMPORTANT INFORMATION THIS MONTH

[YOUNGER MEMBER ASCE STUDENT CHAPTER PRACTITIONER ADVISORS](#)

[NEED INTERNS? WE CAN HELP](#)

[JETS - CO-ADVISOR POSITION AVAILABLE](#)

[CABPES- MATH TUTORING POSITIONS AVAILABLE](#)

Upcoming Events

NETWORKING EVENT – THURSDAY, FEBRUARY 11, 2010 – 5:00-7:00PM



Come join your ASCE YMG friends for our next Networking Event on Thursday, February 11th at the Rock Bottom Brewery located at 10633 Westminster Blvd. Suite 900, Westminister, CO 80020. The last two Networking events have been a huge success. If you work in the area or maybe not come out and meet some new people. For

more information on Rock Bottom go to www.rockbottom.com.

EWB GENERAL MEETING – TUESDAY, FEBRUARY 9, 2010 – 7:00-9:00PM

Ever wondered what Engineer Without Borders is all about? The general meeting is the time to learn about the different projects that they participate in and what the organization is all about. The general meeting is located at University of Denver Engineering Building (Knudson Hall) room 309, [Click here for a map](#). For more information go to www.ewbdenver.org.

Past Events

JANUARY 23, 2010 – REGIONAL FUTURE CITY COMPETITION

Every year seventh and eighth grade students are inspired to become future engineers and scientists via a program called Future City that allows them to run a city of the future via computer simulation, research, and model building. A key component of the competition is allowing them to interact with community members as judges and volunteers on competition day. The students appreciated everyone that volunteered.

KICKOFF PARTY – THURSDAY, JANUARY 14, 2010 – 5:30-7:30PM



The ASCE Younger Member Kick-Off Party was a huge success with over 40 people in attendance. The Hard Rock was a good host with [great](#) appetizers provided by ASCE YMG and good company with our fellow civil engineers. We would like to thank Jaryd Takushi with New Perspective Real Estate for the first round of drinks. We would also like to thank the various civil engineering companies that sponsored some great door prizes.

STUDENT SCHOLARSHIP AWARD WINNERS

Congratulations to Lisa Truong from Colorado School of Mines, Brian Pals from University of Colorado Denver and Ramon Martinez from University of Colorado Denver, recipients of the 2010 Colorado Section Younger Member Group Scholarship. Lisa, Brian, and Ramon were formally awarded these scholarships at the January Colorado Section Meeting. We thank everyone that participated in the 2009 ASCE golf tournament. It is these proceeds that fund the Student Scholarships. We also thank all those that applied for the scholarships. It was a hard decision and the YMG wishes you all a successful year in your college education.

Officer Positions Available

Currently all positions are filled, but we always welcome new faces and new ideas and have a number of initiatives that could use a chair to head up the activity. If you are interested in becoming an officer in 2010, please contact Brian Bern at Brian_Bern@matrixdesigngroup.com so that we can get you on the ballot during the summer of 2010.

Membership Postings and ASCE information

YOUNGER MEMBER ASCE STUDENT CHAPTER PRACTITIONER ADVISORS

The YMG is currently pushing to create stronger and more lasting ties with the Student Chapters around Colorado. At present every Student Chapter has a Faculty Advisor and most have a Practitioner Advisor. We would like to see every Student Chapter have two Practitioner Advisors; one that is a Younger Member in the early stages of his/her career and the other in the more mature stages of his/her career.

What is a Practitioner Advisor you ask? A Practitioner Advisor is a Section or Branch member who provides an ASCE Student Chapter with guidance and serves as a liaison between the student and the professional members of the Society. Roles and responsibilities include providing guidance and direction to Chapter officers, assist with arranging guest speakers or tours, aid in planning special events (ex. Regional Conferences), participate in Chapter meetings, social events, and/or activities, nurture opportunities for interaction between the Chapter and industry, support fundraising efforts, and mentor the Chapter officers to improve leadership and communication skills. The Practitioner Advisor's goal is to aid the officers in successfully leading the Student Chapter rather than providing the answers.

The YMG is currently looking for a Younger Member Practitioner Advisor for CSU-Fort Collins. If you are interested, please email Brian Bern at BrianBern@matrixdesigngroup.com. Thank you to everyone that has volunteered to become Practitioner Advisors for the other Universities in the state.

ASCE Membership Information

Want to find out more about what's going on with other ASCE Younger Member Groups? Check out the Committee on Younger Members Winter Newsletter
http://www.asce.org/files/pdf/inside/Winter_Issue_68_YM.pdf

PE &EIT Corner

A few recommendations from our new vice president on preparing to take the PE-Civil Test:

Buy the Civil Engineering Reference Manual for the PE Exam (latest Edition) by Michael R. Lindeburg. Study for the PE exam by reading this entire book and solving its practice problems.

Buy the NCEES approved calculator and starts getting familiar with the calculator from the first day you start studying for the test. Also get used to studying with a cheap mechanical plastic pencil because that is all you will get in the test!

Prepare an "Index Folder" by copying the Index pages into a 3-ring binder and provide it with alphabetical tabs. This will help you save time flipping through this book during the exam.

Buy the latest PE Civil Sample Questions and Solutions book from NCEES. Solve every problem on the book once using only the information provided in the above mentioned reference manual.

If you find that the information you need to solve a problem is not in the Civil Engineering Reference Manual for the PE Exam, then find it elsewhere, make copies of the pages you need and add them into the 3-ring "Index Folder" binder.

In addition, to the separate Index Folder, make sure you tab the Reference Manual into its chapters and important commonly used sections based on your experience during the sample question problem solving sessions.

Do not bring multiple reference books to the exam. Just the above recommended Reference Manual, the 3-ring binder, and the PE Sample Questions and Solutions book. You simply do not have time to flip through too many books.

Solve the PE Civil Sample Questions and Solutions problems that relate to your specific topic (afternoon session) on the book again using only the information provided in the above mentioned reference manual.

Good Luck

Hey all Civil Engineers who have taken the PE or EIT. I am looking for advice, anecdotes or stories about taking the PE exam. I will post the best submission in the next PE Corner for all the future PE takers to see. Please send submissions to Jason Igo at igo.jason@gmail.com.

Job Listings

Brent Wardell with Professional Employment Group is looking for people to fill two positions. You can reach him at bwardell@pegstaff.com or (303) 781-2140.

Sr. Transportation Roadway Engineer- 10+ years, established CO connections, seller/doer (40/60%), adding to an existing group and growing this group. Tremendous amount of corporate support for this position and market. Ideally CDOT experience, but also counties, municipalities, etc.

Mid Level Civil/Structural Engineer- 4+ years, PE, 20% of the work will be on commercial buildings, the other 80% on bridges, retaining walls, water tanks, hydraulic structures. Small group right now, only 4 but will be adding. They have a very senior level person that is leaving to go back to their home time, but they would like to bring in someone with less experience with a strong career drive to get into a leadership type role down the road. CDOT exp would be great.

Is your company looking to hire an engineer 35 and under? Do you want your listing to go out to hundreds of young engineers in the Denver Metropolitan Area? If so, please contact Jason Igo at igo.jason@gmail.com with a brief description with some contact information and the dates you would like to have it posted, and we will get it included in the next newsletter and posted to the ASCE Colorado YMG website.

NEED INTERNS? WE CAN HELP

If your office is interested in hiring interns, the YMG has the contacts you are looking for. ASCE Student Chapters at various Universities have expressed interest in locating internships for their students. If you need internships for Structural, Roadway, Traffic, Water, or any other discipline, please contact our College Outreach Chair, Matt Schneider at mschneider@martinmartin.com and he will put you in touch with the Student Chapter Presidents.

Member Postings

JETS - Co-ADVISOR POSITION AVAILABLE

The ASCE Younger Member Group is currently looking for a couple of volunteers to assist with the Civil Engineering course that we teach as part of the Junior Engineers and Tomorrows Scientists program (JETS) offered by the Colorado Association of Black Professional Engineers and Scientists (CABPES). Classes will be held from January through April on Tuesday nights from 6-8 PM.

The class will consist of 10-12 students ranging from 8th to 10th grade and will focus on the basic principles of Civil Engineering. No teaching experience is required to volunteer, only an interest in the subject of Civil Engineering and a passion to work with kids. John Weekley is currently the class advisor and would like to find someone to be a co-advisor. We currently have guest lecturers lined up for the majority of the classes that teach each class, but it is the role of the class co-advisors to serve as the point of contact and face of the civil engineering class. If you are interested in volunteering to become a co-advisor, or if you have any questions, please contact John Weekley at john.weekley@jacobs.com or Brian Bern at brian_bern@martixdesigngroup.com.

CABPES- MATH TUTORING POSITIONS AVAILABLE

CABPES – The Colorado Association of Black Professional Engineers & Scientists is always interested in accommodating new tutors to assist youth students with high school and college prep math. Tutors give a minimum of two hours on any Monday and/or Wednesday evening between 6pm and 8pm at CABPES offices which are conveniently located near the intersection of Colorado Blvd and Colfax Ave in Denver.

Among the many benefits of being a CABPES tutor is that tutors make a commitment to provide tutoring according to their schedule demands. CABPES tutors are free to give as much or as little time as they are able for as short or long a period they can. Tutors truly make a difference in the academic lives of our students as measured by the improvement in student test scores post tutoring at CABPES.

Tutors are recognized quarterly for outstanding volunteerism at CABPES Tutor Meetings with gift cards, certificates of recognition and letters from students. CABPES tutors receive special invitations to private CABPES functions, professional networking events and our annual banquet.

To sign up to become a tutor at CABPES, write to cabpestutors@cabpes.com or call 303-329-3929. Please note all CABPES tutors must pass a criminal background screening. Thank you so much for your interest in volunteering at CABPES!

Newsletter Submission

The Younger Members Newsletter is published electronically and on the web within the first few days of the month. Information you would like to be included in the next month's newsletter should be emailed to Jason Igo at igo.jason@gmail.com by 5 p.m. on the last Thursday of the current month.

ASCE YMG Mailing List

If you, a colleague, or a friend would like to join the ASCE YMG mailing list please go to the following link to subscribe:

Subscribe/Unsubscribe. <http://lists.asce.org/mailman/listinfo/colorado.asce.ymg>

Additional information on the happenings of the Colorado Section YMG is available on our website <http://www.ascecoloradoymg.org>.