

November Section Meeting – Engineers Without Borders

Engineers Without Borders (EWB, www.ewb-usa.org) is an international non-governmental organization whose mission is to help developing communities worldwide with their engineering needs. Founded in 2000 by CU-Boulder engineering professor Bernard Amadei, EWB matches engineering students with engineering professionals for international aid projects addressing the design and construction of water, wastewater, sanitation, energy, and shelter systems. EWB gives valuable aid to developing communities while involving and training internationally responsible engineering students and professionals. To date, EWB has sponsored over 120 projects in 30 countries worldwide.

Discussing EWB will be Ms. Rachel Hanson, a current EWB member and Environmental Engineering graduate student at Colorado State University. Ms. Hanson received her B.S. in Chemical Engineering at CSU and is completing her Master's degree, with a focus on bioremediation. CSU's EWB Chapter is currently working on projects in India, El Salvador, and Tanzania. During her time at CSU, Rachel has worked extensively with EWB as vice president and member of the India and El Salvador project teams. In June 2005, she traveled to Purulia, India as part of a three-person site assessment team. The team is currently developing a design for two water supply systems meeting the needs of approximately 5,000 people. They expect to begin implementation of the project in 2007.

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November Section Meeting

- Topic:** Engineers without Borders (EWB)
- Speaker:** Ms. Rachel Hanson,
Current EWB member
- Date:** **Tuesday, November 28th**
Please note date change (4th Tues)
- Time:** 6:00-6:45 Social Time (cash bar)
6:45-7:45 Dinner
7:45-8:45 Presentation
- Location:** Bisetti's Italian Restaurant
120 South College Ave
Old Town Fort Collins
- Menu:** Your choice of five different Italian entrees: Lasagna, Sausage & Pepper Penni, Eggplant Parmesan, Harvest Squash Ravioli, or Classic Spaghetti; appetizer and dessert of Tiramisu, Chocolate Cake, or Cheesecake.
- Cost:** Members: \$20
(w/RSVP)* Non-Members: \$25
Students & Unemployed: \$10

Please RSVP by **Friday, November 17th** (early RSVPs are greatly appreciated!) indicating your name, phone number, and number of attendees. Please RSVP to Craig Turchi by voicemail at 303-874-8285 or email at rockyaiche@yahoo.com.

*Add \$5 for attending meeting without RSVP

Note: Payment will be requested from no-shows (unless reservation is cancelled by RSVP deadline)

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This talk will examine work done in Purulia, India as a case study for international engineering aid using the EWB model. In June 2005, Dr. Fred Marinelli, a senior groundwater engineer, and two CSU students traveled to India. Located northwest of Calcutta, the project area consists of 51 villages that are severely impacted by drought. Drinking water in the area comes from streams and shallow wells that are commonly contaminated and stop producing water during the dry season. The team completed a site assessment, including a hydrogeologic study, water quality analysis, and public health surveys. The team is currently completing the design process, and hopes to begin project implementation in 2007.

Rachel currently lives in Fort Collins. She enjoys volunteering, running, and traveling. After receiving her M.S., she plans to continue working internationally. Eventually, Rachel would like to complete her Ph.D. in engineering and teach at a university level.

MARK YOUR CALENDAR!!

The Rocky Mountain Sections of the American Chemical Society and American Institute of Chemical Engineers will be jointly sponsoring a two and a half day regional conference in 2007. The event will be held at the Adams Mark in Denver beginning on August 30 and continuing through September 1, 2007. Conference symposia are currently under development and calls for papers will be forthcoming. All papers will be indexed in the Chemical Abstracts, so it provides a tremendous opportunity for students, professionals, and academics to further their careers.

We will be encouraging local section members to help with various planning activities including coordinating exhibitors, arranging an optional local social event, and identifying potential sponsors for the conference. Anyone interested in assisting with the planning is encouraged to contact Kevin Milliman at kmilliman@ogenvironmental.com or 720.529.9777.

Stay tuned to this space for more details!

What You Missed In October

The October AIChE meeting discussed the cleanup and closure of the Rocky Flats Nuclear Weapons Plant. Review the effort to establish a museum on the Rocky Flat site at www.rockyflatscoldwarmuseum.org.

NEW MEXICO CORNER

If you'd like to volunteer to speak at a future meeting or if you have any meeting/activity ideas, please let me know! Participation in the Albuquerque area has increased over the last year and I'd like to keep this trend going! With that, I'd like to extend a warm "Thank You" to all of the AIChE-NM members for making our little sub-section a great one! I'm looking forward to another great year and hope to see each and everyone one of you at a future activity!

Kerrie Greenfelder
New Mexico Liaison
GreenfelderKL@cdm.com

AIChE Meetings

2007

Jan. 14-18	SBE's 1 st Int'l Conference on Biomolecular Engineering Coronado Isld, CA
Feb 4-7	2 nd North American Symposium on Chemical Reaction Engineering Houston, TX
Apr 22-27	2007 Spring Nat'l Houston, TX
Apr 25-27	2007 Management Conference Houston, TX
Sept 16-20	2007 Ammonia Conference Henderson, NV

For further information, contact National AIChE.

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Rocky Mountain AIChE News is published eight times a year by the Rocky Mountain section of AIChE. Opinions expressed herein are those of the authors and are not necessarily those of AIChE nor the officers of this section.

The objectives of AIChE are to advance chemical engineering in theory and practice, to maintain a high professional standard among its members, and to serve society, particularly where chemical, engineering can contribute to the public interest.

How to Place an Ad or Job Posting

Members: Free; Non-members: \$25.00 for each article

Deadline: 1st Tuesday of each month

Email your text to: lauramoes@msn.com

MEETING SCHEDULE

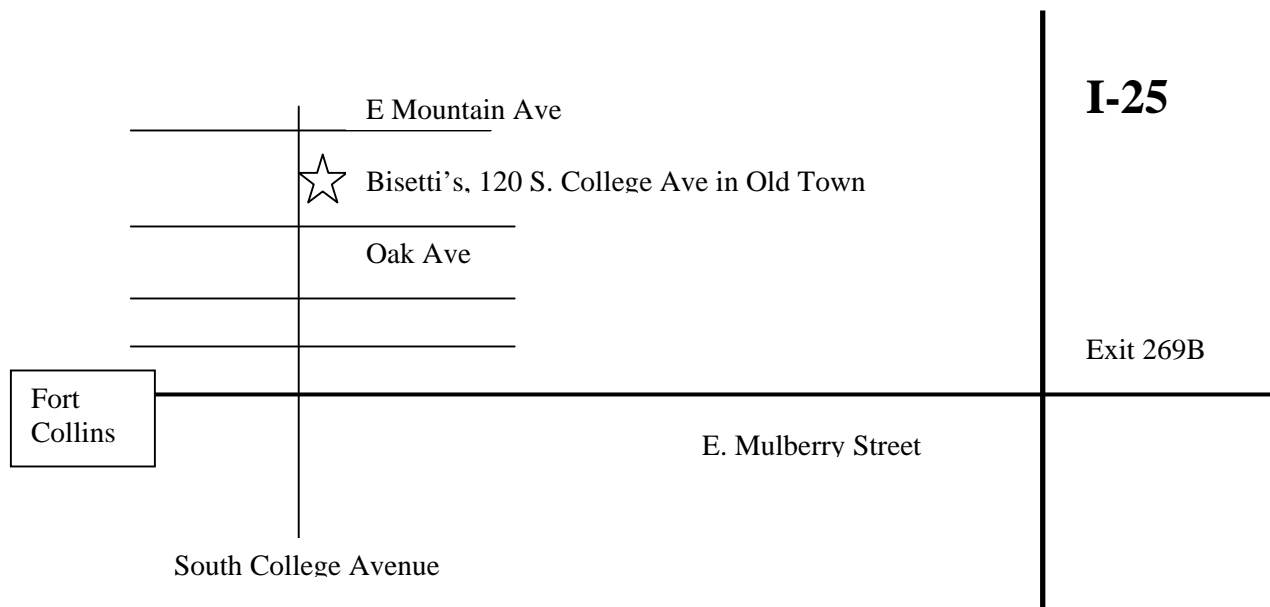
The Rocky Mountain District of AIChE generally meets the third Tuesday of every month, September through November and January through May.

Rocky Mountain AIChE News
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On the Web at:

<http://www.aiche-rm.org>

*Send your E-MAIL address to
mmoes@ekiconsult.com to receive
this newsletter electronically!*



DIRECTIONS: Travel North on I-25 towards Fort Collins. Take Exit 269B (East Mulberry Street or CO 14 W) and proceed west towards Fort Collins. After about 4 miles, turn RIGHT (north) onto South College Avenue. Proceed about four blocks north and look for Bisetti's on the right.