Nanette Schulz Elected to Board for Society of Petroleum Evaluation Engineers

Nanette Schulz, a senior acquisition engineer for Whiting Petroleum, has been elected to the Board of Directors of the Society of Petroleum Evaluation Engineers. During her three-year term, Nanette will contribute to the overall direction and management of the society that has members throughout the United States and Canada. She has been an active member of SPEE since 1992. Nanette has served the Denver Chapter of SPEE as Membership Chair, Treasurer, Program Chair and Chairman. She has served on the Qualifications Committee since 2001 and is currently the Qualifications Committee Chairman. Nanette is a graduate of Montana College of Mineral Science & Technology (Montana Tech) with a BS in Petroleum Engineering. She is a 25-year member of the Society of Petroleum Engineers, a Senior member of SWE, and a registered engineer in Colorado. Congratulations, Nanette!

Help Cleaning Microscopes?

I am currently cataloguing the science supplies at Annunciation School, an inner city Catholic K-8 school. They have several microscopes that need to be cleaned. I do not feel that I have the proper expertise to undertake this project. I am looking for an engineer or technician to help me clean several microscopes for the school. If you can help, please contact Diana Dede at diana.dede@swe.org or 303-809-8069.

Newsletter Turns 50

Does anyone have a copy of one of the first issues of the newsletter? It might be interesting to the current members to see what the major issues of the time were when it first started. If you have one, please contact Tricia Schwaller.
Notice from the Editor

I am looking for someone to take over the newsletter at the end of June. I have been doing the newsletter for the last four years, and it’s time to move on. If you are looking for a way to be more involved, you might be the perfect candidate. Putting the newsletter together takes a few hours of time for each issue. The issues are currently bi-monthly. We currently have the generous support of Washington Group International, Inc., to handle all of the copying and mailing.

If you might be interested in taking on this role, please contact me. I can give you more information about the process then.

This issue features Carol Dollard, a faculty member at Colorado State University, in our member profile on page 4. If you would know of another member you would like featured, please let me know.

Tricia Schwaller
SWE-RMS Newsletter Editor

Subscribe to SWE-RMS Email

Subscribe to the SWE-RMS Email list to get the latest information on events and programs of the Rocky Mountain Section.

Be the first to know about tours, programs, networking meetings, and conferences. Be on the list. Be in the know!

To subscribe to the SWE-RMS mailing list: email listproc@lists.colorado.edu with the message:

subscribe swe-rms last name, first name

You should receive an email confirmation.

To unsubscribe, email listproc@lists.colorado.edu, and leave the subject line blank, and type the following in the body of the message: unsubscribe swe-rms

Welcome Back, Tracey!

***** Member Ads *****

Advertising from SWE-RMS members only will be accepted and published at no charge. Items may include your side business, “for sale” items, vacation rentals, pet adoptions, special event notices, whatever! All advertising requests must fit in a business card size space when printed in 10 pt. font and must be sent electronically to Schwall@worldnet.att.net by the newsletter deadline.

************************************************

ROOM for rent – Highlands Ranch – c470/colo
luxury 2bed/2bth condo in gated community

seeking female professional/grad student
NO smoking/pets - quiet/very clean/considerate
$500 inc all utils/hoa dues excl ph/cable
next to trails/golf course/eastridge rec ctr
washer/dryer - microwave/dishwasher/disposal
central air/gas fireplace/2nd floor vaults/pvt deck
clubhouse/exercise/pool/jacz - vast mtn views

303.713.9632 credit rpt/score & references reqd

Discover a miracle.
Get more from your anti-aging skin care program with the TimeWise® Miracle Set. You can enjoy softer, younger-looking skin in as little as four weeks. Call me to try the Miracle Set and earn a free lipstick or lip gloss.

Sandra Scanlon, Independent Mary Kay Beauty Consultant, (303) 973-7099

Shop On-Line at www.marykay.com/sscanlon

************************************************

The Denver Concert Band presents “Cool Nights, Hot Jazz” with vocalist Wende Harston and the Hank Troy Jazz Trio on Saturday, February 26, at 7:30 p.m. The concert will be held at Central Presbyterian Church, 1660 Sherman Street, Denver (two blocks north of the Capitol building).

Admission: Adults $10; Seniors and Students $5; Kids under 12 Free. For more information, call 303-83-MUSIC or visit www.denverconcertband.org.

************************************************

Dance Movement’s Encore Ballet Company presents its Spring Concert 2005 on Saturday, February 19, at 1:30 p.m. and 7:00 p.m. at Rangeview High School in Aurora. Act I is “Street Cats”; Act II contains “Pas de Six”, “Dresdan Clock”, and “Can Can”. Admission is $10, but children 6 and younger are admitted at the matinee performance for $6. For more information and tickets, call 303-699-5678.
“Girl Day” and Engineers Week

Engineers Week, a formal coalition of more than 70 engineering, education, and cultural societies, and more than 50 corporations and government agencies, was founded in the United States in 1951 by the National Society of Professional Engineers. Dedicated to raising public awareness of engineers’ positive contributions to quality of life, Engineers Week promotes recognition among parents, teachers and students about the importance of a technical education and a high level of math, science, and technology literacy, and motivates youth to pursue engineering careers in order to provide a diverse and vigorous engineering workforce. Each year Engineers Week reaches thousands of schools, businesses, and community groups across the United States.

This year, Engineers Week is co-chaired by the American Society of Mechanical Engineers (ASME) and BP p.l.c. SWE has been active in this effort for many years and will be national co-chair in 2006.

At the local section level, SWE conducts many programs to encourage girls to pursue careers in engineering and SWE needs to track and publicize them. Please visit www.eweek.org and enter your event information in the Pledge Roster for Girl Day. Also listed are events held across the country. Organizers and engineers are urged to continue listing their activities throughout the year to help make educational and career opportunities and mentoring programs available for girls and prospective women engineers nationwide.

The Girl Day Committee is currently working on two new programs for 2005 with opportunities for your help. A 24-hour Web chat and/or telecom is in development. Companies and organizations will be invited to submit proposals for an engineering chat in one-half-hour blocks. Suggested topics include interviews, panels, and career information. Companies are also needed to sponsor and/or supply the phone lines or Web access.

See www.eweek.org for other local participation suggestions and classroom hands-on activity suggestions. To order a free “Introduce a Girl to Engineering Day” poster, which includes the “Slime” activity from the Wisconsin SWE Chapter, write to eweek@nspe.org. subject line: Girl Day Kit.

If you need further information about any of these programs or sponsorships, the SWE contact for Girl Day 2005 is Marie Laplante at marie.laplante@swe.org and the SWE E-Week Committee Chair is Patti Garland at eweek-chair@swe.org.

http://www.swe.org/E-newsletter/

Humanitarian Engineers Corps Database Available

For your information, Version 1.0 of the Humanitarian Engineers Corps Database is up and running. This free register of skills links those in need with those who can provide services, technologies, and solutions to eradicate poverty in communities around the world. Web site is www.ewb-international.org/database/ (See also www.ewb-international.org/VolunteerDatabase.htm).

I created this database under the umbrella of EWB-International (Engineers Without Borders) and EWB-USA and in response to the call for help following the tsunami disaster a couple of weeks ago. Feel free to register if you want to help with the reconstruction process in Asia and with other EWB projects. Thanks in advance.

Bernard Amadei
Professor of Civil Engineering
University of Colorado, 428 UCB
Boulder CO 80309-0428
Tel: 303-492-7734

Engineering for Developing Communities
www.edc-cu.org

Engineers Without Borders - International
www.ewb-international.org

Why So Few Women, Still?

SWE Past President and Fellow Life Member Jill Tietjen wrote an article that was published in the October issue of IEEE Spectrum. The article addresses why the number of women entering engineering continues to remain small. You can read Jill's article online at http://www.spectrum.ieee.org/careers/careerstemplate.jsp?ArticleId=n100104

http://www.swe.org/E-newsletter/
Member Profile: Carol Dollard

City of residence: Bellvue, CO

Family: Harry Bates, husband of 21 years; and daughters Becca Bates (19) & Monica Bates (16)

Member grade: Professional

How long have you been a member of SWE?

since I joined as a student member 20+ years ago

How did you become involved in SWE?

I was looking for networking opportunities and potential employment contacts.

What positions have you held?

I received my BSME in 1983 and then worked in the solar energy research field. I also worked on my MSME during this time and received my Masters in 1990. When the solar research money dried up, I worked as a graduate student in the Colorado State ME Department performing energy audits at industrial sites during the early 90s. I was pursuing my Ph.D., but was offered gainful employment in 1993 and left the university for the City of Longmont Electric Utility. I worked there in energy efficiency and customer service. Three years later, an opportunity came up for a similar position at the City of Fort Collins and I jumped at the chance to shorten my nearly 100 mile/day commute. In 1999, an opportunity came up at Colorado State University in the Facilities Department. It was a job that was closer to my interests in “real engineering”. Here I work on utilities, energy conservation, alternative energy (mostly wind power), green/sustainable building and much more. In addition to my work in Facilities, 3 years ago I got a job as an adjunct professor in the Construction Management Department where I teach HVAC, electric and plumbing to CM students all in one semester.

What have you enjoyed most about SWE? Why?

I enjoy the networking that SWE provides. It is valuable to stay in touch with other women in the field.

What is your current occupation/title?

Utility Engineer

What was your college training?

BSME, MSME and “all but dissertation” on my Ph.D. (however, now that I get to teach, I have become less motivated to finish the Ph.D. and may never attain that degree)

How did your college training help you get to that position?

I focused on solar energy as an undergrad and enjoyed working in the field for 8 years. Unfortunately the research money dried up. My engineering training was very critical to the energy audit work I have performed over the years (over 100 industrial/commercial audits). Finally, I truly believe that all the time I spent in classes (with both good and bad professors) have helped to make me a better teacher.

Any words of wisdom for college students entering the work force:

Never turn down an opportunity to learn something new. I had a summer job once that I really didn't like - it wasn't the kind of work I wanted to do as an engineer and I really didn't "connect" with many of the guys there. However, I learned to use an early microcomputer that gave me experience that got me the best job I have ever had (solar energy research). So I tell people that my worst job provided the training I needed to get the best job I ever had. In addition, I enjoy mentoring other women coming into engineering. I am active in the mentorNet program. This is a service I wish I had 20 years ago. I encourage students to use resources like this.

Hobbies/interests:

I have been a volunteer firefighter for over 20 years in the rural community where I live. I am currently Captain of the Department. For six years I have also volunteered with the local Raptor Rehabilitation facility. There I feed, clean cages, and provide medical care for sick and injured birds of prey. The goal is to get them back out into the wild. I am also an avid fan of the CSU Volleyball team (ranked 8th in the country right now [in September]) and try to make it to most of the CSU women's basketball games as well.

Anything else you would like to add...

I have held a variety of positions throughout my career; some were great, some were not. Fortunately, I have settled into one that I really enjoy coming to every day. I always encourage students to find work that they love to do. Whether it is in their daily work or volunteer work on the side. As a friend of mine loves to say, "find a job you love and you will never work another day in your life".
Ten Signs of Job Dissatisfaction — Don’t Ignore Them!

The new year is a great time to analyze your job satisfaction. As you make your New Year’s resolutions, include career fulfillment as a top priority.

There are ten sure signs that you are experiencing job dissatisfaction. If you:

• Dread Mondays or coming to work
• Can’t wait for Friday
• Are often bored at work
• Feel tired or chronically fatigued
• Avoid your boss and dread meetings
• Have no enthusiasm or sense of self-worth
• Feel like you are getting nowhere in your job
• Take work stress home
• Question your choice of industry or occupation
• Can’t think of a way out

Any of the above signs indicate a need for change. The biggest career mistake is to ignore those indicators. A head-in-the-sand mentality can lead to a downward career spiral that ends with disappointment and “what if” regrets.

Here are three great ways to facilitate positive change.

1. Analyze your career choice.

Is the problem your boss or employer—or is it that you have chosen the wrong occupation? Before you take any action, make sure you know what needs to change.

Don’t make the mistake of throwing away a good career (ex. accounting, sales, finance) when the problem is really the person you work for. On the flip side, if you’re not cut out for sales, then changing employers isn’t going to help the problem.

A career coach can guide you to determine which of these problems is causing your unhappiness and give you ideas for your next career move.

2. Update your resume.

Updating your resume can give you a great confidence boost. You’ll feel better immediately if you know you are ready whenever opportunity knocks.

Be careful, however, that your resume doesn’t resemble a house with too many additions, each resembling a different style. If you have simply added to the same old resume job after job, it’s time to “tear down that old shack” and rebuild your resume from the ground up.

If your old resume format doesn’t live up to your professional image, you may want to consult a resume writer. You’d never wrap a ruby ring in old newspaper, and you should never present your career with anything less than professional polish.

3. Brush up your interview skills.

If you have been on the job for a couple of years, your interview skills are probably rusty. Don’t make the mistake of blowing off the first few interviews as practice. They might be the perfect jobs for you!

You’ll feel much more confident and comfortable if your interview skills are honed before you step into the first interview. To determine your current level of interview expertise, answer the following questions:

• Do you know the toughest interview questions—and how to answer them?
• Can you answer the salary question without compromising the level of starting salary at offer time?
• Can you recognize the most common interview styles—and respond without showing stress?

If you aren’t sure, then it may be time to visit with a career coach who can help you prepare to WOW them in every interview.

Job dissatisfaction is an indication of needed change. Take the steps of change by investing in the appropriate job-search skills and tools, and you will be in a position to change your job—and your life—for the better.

Deborah Walker, CCMC
Resume Writer ~ Career Coach
To see resume samples and read more job-search tips visit www.AlphaAdvantage.com
Email: Deb@AlphaAdvantage.com

Newsletter Sponsor

We thank Washington Group International, Inc., for their support in printing and mailing the SWE-RMS newsletter.
WE INVITE YOU TO THE SIX FLAGS ELITCH GARDENS CHARITY BENEFIT

SPRING SPIN: ONE GOOD TURN TO BENEFIT ANOTHER™

SUNDAY, APRIL 17, 2005  ●  10:00 a.m. to 6:00 p.m.

Six Flags Elitch Gardens is putting the FUN back into FUNdraising. Colorado’s premiere theme park is celebrating a new season of fun and wants you to enjoy a sneak peek of the park AND provide our organization an opportunity to raise hundreds to thousands of dollars. This event is not open to the public – only to YOU! Be a part of Spring Spin™ today!

Here’s how it works:
We have been selected as one of several groups participating in the sale of $19.99 admission tickets to the Charity Benefit Spring Spin: One Good Turn To Benefit Another™. Each ticket pre-sold will earn our organization $5. The more tickets we sell, the more money we raise. There are also several bonuses, such as a bonus check to the top three organizations that sell the most tickets and the top three organizations with the highest attendance at Spring Spin™.

A SPECTACULAR CELEBRATION DAY AND GREAT VALUE AT SIX FLAGS ELITCH GARDENS!

Everyone who attends will receive:
○ Best value of the year!
○ Unlimited rides on more than 45 rides, appearances by Looney Tunes characters, and more – there’s something for the whole family!
○ Giveaways!

To order tickets, complete and mail with a check or money order to:

Joan Graf
7990 S. Cedar Circle
Littleton, CO 80120

Or, call or email for more information: Joan Graf  303-794-0692 ( or email at grafjj@msn.com)

Name: ______________________________________________________________________________
Address____________________________________________________________________________
City__________________________State___________Zip____________
Number of tickets ordered _______________ at $19.99 each. Amount enclosed $__________________
Please make check payable to: __________________________________________________________

Allow one week for your tickets to be mailed to you. Thank you!

Note - Money earned by this fundraiser will be used to fund SWE – RMS’s GESET program held annually. I will not get tickets until after Feb 16, 2005 but I can take pre-sales info for them.
Engineer Your Future
Society of Women Engineers – Rocky Mountain Section

Saturday, January 29, 2005

10:00 am - 4:30 pm
University of Colorado at Boulder Engineering Center

A mini-conference for students and professionals to explore opportunities for our careers, network with one another, and have fun.

COST AND RSVP
RSVP is required and a reservation is a financial commitment unless cancelled before the deadline. RSVP no later than Friday, January 21 by contacting Heather Doty at heather.doty@swe.org or 303-939-6291.

SCHEDULE
10:00 Registration
10:30 “Trailblazers”
   “Transitions and Technology”
11:45 Lunch and Keynote Session with Dr. Theresa Szczurek
1:15 “Pursuit of Passionate Purpose”
   “Translating Techno Talk”
2:30 “Pursuit of Passionate Purpose”
   “Culture Club”
3:45 Networking and snack

DIRECTIONS
From Denver along US-36
Continue along US-36 as it turns into 28th St.
Turn left at the first light onto Colorado Avenue.
Turn left at the light onto Regent Dr. Turn left into parking lot 436 (surface lot or the parking structure south of the surface lot). The engineering center is directly across the street from the parking lot (to the west).

From Golden along Highway 93
Hwy 93 becomes Broadway. Turn right onto Regent Dr. Follow Regent Dr. until you reach parking lot 436 (the structure or the open air lot to its north). The engineering center is directly across the street from the parking lot (to the west).

From Longmont along Hwy 119 (Diagonal Hwy)
The Diagonal Hwy becomes Foothills Pkwy in Boulder. Turn right onto Colorado Avenue. Turn left at the first light after 28th St. onto Regent Dr.
Turn left into parking lot 436 (surface lot or the parking structure south of the surface lot). The engineering center is directly across the street from the parking lot (to the west).

RSVP due by 1/21

Name:_________________________
Phone Number:__________________
Email:_________________________
Company or School:______________________________

☐ $10 Student Member*
☐ $15 Student Non-Member
☐ $40 Professional Member*
☐ $45 Professional Non-Member
*NSBE and SHPE members are eligible for the member price

Registration includes lunch, snack, and workshops. All professionals and the first 25 student members to register will also receive a copy of Dr. Szczurek’s book, Pursuit of Passionate Purpose.

Please mail this form (checks payable to SWE-RMS) to Heather Doty, 5942 Gunbarrel Ave. Apt. D, Boulder, CO 80301. Refunds cannot be granted if cancelled after the RSVP deadline.
PROGRAM OVERVIEW

KEYNOTE SESSION
“Pursuit of Passionate Purpose”

Now is the time to ignite your spirit, clarify your purpose, and keep the fire burning while you get what you want in life. Do you have purpose(s) for which you have intense energy or are you leaving your true self in bed while going through the motions of making a living? How can your daily work more effectively bring meaning and satisfaction to your life? How can you nurture your pursuits and those of others?

Using practical examples from actual experiences in large corporations, academia, and small entrepreneurial ventures as well as in personal life, this session based on an extensive research study explores putting your spirit to work while creatively pursuing purpose. Learn the four-phase process and four universal principles that can bring you more satisfaction, meaning, wholeness, and peak performance.

Dr. Theresa Szczurek, President and CEO
Technology Management Solutions
www.tmsworld.com

After starting her career as a Member of Technical Staff with Bell Laboratories with a Masters from Stanford University’s School of Engineering, Szczurek climbed the AT&T corporate ladder, founded, grew, and sold her technology-based entrepreneurial firm for over $40 million, built a small non-profit organization into an endowed foundation to help women attain economic self-sufficiency through education, and now is an award-winning consultant, speaker, and author helping firms and individuals produce extraordinary results and reap the real rewards of life.

“Trailblazers”
Panel discussion with some of the amazing women who have been members of SWE for over 25 years

Dana Allen, EPA
Diana Dede, Dede & Associates
Charlotte Tyson, StorageTek

“Transitions & Technology”
Panel discussion with professional members in their first 10 years on the job will discuss the transition from school to work and their current projects and responsibilities

Tara McFarland, GEI Consultants
Alina Shosky, Ball Aerospace
Kitty Wang, Rocky Mountain Institute

“Translating Techno Talk”
No matter what profession we’re in, we’re sometimes called upon to explain our area of expertise to individuals and groups with different backgrounds. This presentation outlines a 6-step process for explaining technical information to non-technical audiences.

Beth Boaz, US Bureau of Reclamation

“Culture Club”
What is your cultural background? How does getting in touch with your background help you relate to others? Join us for this highly interactive workshop with activities and discussion exploring aspects of culture and helping you to discover yours.

Anthea Johnson-Rooen, CU-Boulder Multicultural Engineering Program
SWE Awards Nominations
Packages Available

SWE is now accepting nominations for the 2005 Individual Awards! The deadline date for individual award nominations is February 28, 2005. A few changes this year include the elimination of the photo and citation requirement. We will only ask for those once the recipients are identified. You will find the updated nominations package, instructions, and requirements for each award in the Individual Awards section of the SWE Web site. Please remember that all nominations must be submitted electronically in Word format to awards@swe.org. If you have any questions, please feel free to contact Awards Committee Chair Marilyn Reeder at awards-chair@swe.org.

http://www.swe.org/E-newsletter/

Engineering Education Posters

SWE encourages girls to pursue careers in science, math and/or technology. The Engineering Education Service Center (EESC) may have a great opportunity for you!

In the Fall 2004 school year, The EESC hosted a poster contest for students of any age to show their interpretation of engineering and the engineer's ability to be versatile. “Engineers Can Do Anything” was the theme for the EESC's 2004 Poster contest. The rules required that this year's winner would display inspiration, excitement, wonder and curiosity. Posters were to be fun, motivational and inspire students to pursue a degree in engineering, technology and/or science.

A contest winner portrayed engineers as superheroes and best of all, there is a female version! It's fantastic and I couldn’t recommend it more! Because we are so thrilled with it, we are offering all Women in Engineering Programs the opportunity to customize it with your program details for your purposes. You can use this poster to inspire more girls to pursue engineering careers!

www.engineeringedu.com/postercontest/customprint.html

All of the winners can be viewed online at the EESC website (http://www.engineeringedu.com/postercontest/).

Celeste Baine
Director - Engineering Education Service Center
Author - Is There an Engineer Inside You?
Editor - The Pre-Engineering Times

VP of Career Guidance - Society of Women Engineers, Willamette Valley
PO Box 70326
Eugene, OR 97477
541-988-1005 tel
http://www.engineeringedu.com

CU-Denver Continuing Engineering Education Program

Registration

Registration forms for engineering courses are posted on our web site at www.cudenver.edu/engineer/cont, linked to the respective course. You may mail or fax them to our office. We can also bill your employer if you attach a purchase order to your registration. Register by phone by calling 303-556-4907. Please have a credit card number ready. We apply payments to courses after the course actually begins, so register now!

Please register at least 2 weeks before the class start. Most courses include texts or notebooks that we bring to class the first session. Some courses may be cancelled due to low enrollment so register early! This decision is usually made 1 week in advance of a course start date so we may give adequate notice to instructors.

Spring 2005 Professional Development and Credit Courses

Visit www.cudenver.edu/engineer/cont and click on the Course Information link to learn more about these courses. Registration forms are listed online along with deferred payment forms for select courses. You may register by phone by calling 303-556-4907. Courses are held on the Auraria Campus in downtown Denver and at Interlocken in Broomfield.

February 2005

Tuesday evenings, February 1 - May 10, 2005; 6:00 - 9:00 p.m.; $1,650, Auraria Campus, This course has a special registration deadline. Please register by January 17, 2005!

NCES 8981: Engineering Leadership Series -- Transforming Your Personal Brand
Friday, February 11, 2005; 8:00 a.m. - 5:00 p.m.; $295, Auraria Campus
NCES 8050: Professional Engineer’s Examination
Refresher Course for Electrical Engineering
Saturdays, February 12 - April 2, 2005; 8:30 a.m. - 12:30 p.m.; $425, Auraria Campus

NCES 8070: Professional Engineer’s Examination
Refresher Course for Mechanical Engineering
Saturdays, February 12 - April 2, 2005; 8:30 a.m. - 12:30 p.m.; $425, Auraria Campus

NCES 8030: Fundamentals of Engineering (FE) Examination Refresher Course
Saturdays, February 19 - March 19, 2005; 8:30 a.m. - 4:30 p.m.; $475, Auraria Campus

C SC 1802: Advanced Java Programming
Saturdays, February 19 - May 14, 2005; 8:30 a.m. - 12:35 p.m.; $1,275, Interlocken Campus

NCES 8638: Basic LPI Certification Using SuSe Linux
Monday evenings, February 21 - March 28, 2005; 6:00 - 9:00 p.m.; $895, Interlocken Campus

Tuesday evenings, February 22 - March 22, 2005; 6:00 p.m. - 9:00 p.m.; $550, Interlocken Campus

March 2005

NCES 8020 Professional Engineer’s Examination
Refresher Course for Civil Engineering: Boot Camp
Thursday through Saturday, March 10 - 12, 2005; 8:30 a.m. - 5:30 p.m.; $495, Auraria Campus

NCES 8380: Western Water Rights and Water Engineering
Fridays, March 11, 18 and April 1, 2005; 10:00 a.m. - 5:00 p.m. $550, Auraria Campus

NCES 8655: PHP Essentials
Thursday evenings, March 24 - April 28, 2005; 6:00 - 9:00 p.m.; $795, Interlocken Campus

April 2005

NCES 8656: Installing, Configuring, and Deploying the Snort Intrusion Detection System
Saturdays, April 2 - 16, 2005; 8:30 a.m. - 3:00 p.m.; $795 Interlocken Campus

NCES 8975: The Secrets to Creating a High Performance Team
Tuesday evenings, April 5 - May 3, 2005; 6:00 p.m. - 9:00 p.m.; $550, Interlocken Campus

NCES 8980: Strategic Planning and Management for Technology-Based Businesses
Thursday evenings, April 7 - May 5, 2005; 6:00 p.m. - 9:00 p.m.; $495, Interlocken Campus

NCES 8635: BASH Programming
Mondays, April 11 - May 2, 2005; 6:00 - 9:00 p.m.; $795, Interlocken Campus

NCES 8982: Engineering Leadership Series - The Accountability Factor
Friday, April 22, 2005; 8:00 a.m. - 5:00 p.m.; $295, Interlocken Campus

New Systems Engineering Certificate Program Begins

A new Systems Engineering Certificate program will be offered beginning in January 2005 at the College of Engineering and Applied Science, on the downtown Denver Auraria campus of the University of Colorado at Denver and Health Sciences Center. Please register by Thursday, January 13, 2005.

Background
Systems Engineering is a vital expertise in many industrial sectors: aerospace, energy and power, information technology, telecommunications, and civil infrastructures (transportation, water supply and wastewater, and environmental and urban facilities). Systems Engineers provide necessary leadership to engineers who are working on subsystems, integrating specialty groups into a team effort, and forming a structured development process that proceeds from concept to detailed engineering, from production to systems operation.

The certificate program in Systems Engineering consists of three core courses. Students will learn the basics of Systems Engineering by following the life cycle of complex engineering systems. Students will earn 3 credit hours for each of the core courses. Upon completing the core courses, a student will be granted a Certificate in Systems Engineering. The credit hours will count toward any of the master’s degree programs at CU-Denver College of Engineering.

The program is appropriate for individuals with a Bachelor’s degree in various fields of engineering and related fields who are or want to be employed in systems-oriented domains.
Who Ya Gonna Call?

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<thead>
<tr>
<th>OFFICERS</th>
<th>Name</th>
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<td>Myrian Lewis</td>
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<td>Career Guidance</td>
<td>Erica Messinger</td>
</tr>
<tr>
<td>Certificates of Merit</td>
<td>Dawn Williams</td>
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<tr>
<td>Endowed Schol. Fund</td>
<td>Jill Tietjen</td>
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<td>Essay Contest</td>
<td>Katheryn Coggon</td>
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<td>Fund Development</td>
<td>Kitty Wang</td>
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<tr>
<td>GS Mile High Council</td>
<td>Diana Dede</td>
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<td>GS Mtn. Prairie Council</td>
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<td>Investment</td>
<td>Jill Tietjen</td>
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<td>Job Bank</td>
<td>Nancy Nicholson</td>
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<td>Membership</td>
<td>Carla Stenzel</td>
</tr>
<tr>
<td>Newsletter</td>
<td>Tricia Schwaller</td>
</tr>
<tr>
<td>P.O. Box</td>
<td>Tracey Whaley</td>
</tr>
<tr>
<td>Professional Development &amp; Programs Coordinator</td>
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<tr>
<td>Publications Coordinator</td>
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<tr>
<td>Scholarship</td>
<td>Barbara Kontogiannis</td>
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<td></td>
<td>Mary Ann Tavery</td>
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<tr>
<td>Science Fair</td>
<td>Gina Holland</td>
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<tr>
<td>Speakers Bureau</td>
<td>Kim Sawyer</td>
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<tr>
<td>Student Section Coord.</td>
<td>Heather Doty</td>
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<tr>
<td>Web Page Masters</td>
<td>Chris Kruse</td>
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<td>Krisha Brooks</td>
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<td>CO School of Mines</td>
<td>Lori Stucky</td>
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<td>CSU</td>
<td>Lucy Burris</td>
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<td>Cheryl Signs</td>
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<tr>
<td>CU Boulder</td>
<td>Alina Shosky</td>
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<tr>
<td>CU Denver</td>
<td>Jennifer Trotta</td>
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<td>U of Denver</td>
<td>Jennifer Halstead</td>
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<tr>
<td>U of Wyoming</td>
<td>Judy Nelson</td>
</tr>
<tr>
<td>U of Southern Colorado (Pikes Peak Section)</td>
<td>Jane M. Fraser</td>
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<tr>
<th>SWE Reps</th>
<th>Name</th>
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<tr>
<td>CEC (CO Eng’g. Council)</td>
<td>Kim Blair</td>
</tr>
<tr>
<td>CWLC (Colorado Women)</td>
<td>Faith Kay</td>
</tr>
<tr>
<td>Leadership Coalition</td>
<td>Kristy Schloss</td>
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Please call Tricia Schwaller at 303-677-2520 or send e-mail to Schwall@worldnet.att.net with corrections.
**Calendar of Events**

For complete details, directions, and more, visit the RMS website calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tr>
<td>January 29, 2005</td>
<td>SWE-RMS Mini-Conference, CU – Boulder (see pages 7 – 8)</td>
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<tr>
<td>February 20 – 26, 2005</td>
<td>National Engineers Week</td>
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<tr>
<td>March 3, 2005</td>
<td>Girls Exploring Science, Engineering and Technology Event (GESET)</td>
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<tr>
<td>March 3 – 4, 2005</td>
<td>SAME Joint Regional Conference, Hyatt Regency Hotel, Denver Tech Center</td>
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<tr>
<td>March 4 – 5, 2005</td>
<td>SWE Region I Conference, University of Kansas, Lawrence, KS</td>
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<tr>
<td>March 14, 2005</td>
<td>Deadline for SWE-RMS March/April 2005 Newsletter (anticipated release date: April 8)</td>
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<tr>
<td>April 17, 2005</td>
<td>SWE-RMS Fundraiser – One Good Spin Deserves Another, Elitches (see page 6)</td>
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<tr>
<td>May 9, 2005</td>
<td>Deadline for SWE-RMS May/June 2005 Newsletter (anticipated release date: June 3)</td>
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<tr>
<td>July 11, 2005</td>
<td>Deadline for SWE-RMS July/August 2005 Newsletter (anticipated release date: August 1)</td>
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<tr>
<td>November 2-5, 2005</td>
<td>SWE National Conference, Anaheim, California</td>
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<tr>
<td>October 11-14, 2006</td>
<td>SWE National Conference, Kansas City, Missouri</td>
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Society of Women Engineers  
Rocky Mountain Section  
P.O. Box 260692  
Lakewood, CO 80226-0692  

www.swe-rms.org