



New SWE-RMS Committee Reporting Structure

The SWE-RMS Board set up a committee reporting structure under which each of the six board members will be the contact person for a few of the committees or volunteer positions within our section. The goal of this new reporting structure is to make it easier for the president to spread the work among the board members and to enable better communication.

FY07 RMS Committee Reporting Structure

President – Lori Stucky

- Public Relations/Spokesperson
- Nominating Committee
- Tellers Committee
- Audit Committee
- Professional Development/Programs
 - Networking
 - Job Bank
 - Work/Life Balance (Family Issues)
- External Groups – ACEC, CEC

Vice President – Chris Tippett

- Career Guidance
 - Event Coordinators
 - Certificate of Merit
 - Colorado Science Fair
 - Essay Contest
 - GESET
 - GS (Mile Hi and Prairie Council)
 - Speakers Bureau
- Banquet Planning
- Scholarship

Secretary – Liz Black

- Newsletter
- Webpage Master
- Archives (as needed)

Treasurer – Aspen Coombs

- PO Box
- Fund Development
- Investment
- Endowed Scholarship Fund

Section Rep – Heather Doty

- Membership
- Bylaws – Co Chair
- College/University Counselors

Section Rep – Joan Graf

- Awards
- Bylaws – Co Chair

Save the Date for GESET

The Girls Exploring Science, Engineering & Technology Event (GESET) will be held April 10, 2007, 8:45am – 1:15pm at the Colorado Convention Center

We are currently accepting solicitations for workshop presenters. Visit the SWE-RMS website at www.swe-rms.org under the GESET link for the call for presentations and presenter application form.

Consider sponsoring GESET...opportunities are available to sponsor the event, adopt a school (\$600) or sponsor a student (\$30). For more info, please visit our website www.swe-rms.org, and click on the GESET link to download the sponsorship level document.

GESET Planning Committee Volunteers are needed for the following areas:

- Exhibits Co-Coordinator
- Teacher Workshops Coordinator
- Bag Stuffing Coordinator
- Door Prize Coordinator
- Media Coordinator
- Event Co-chair Support
- Handouts/Printing Coordinator

Volunteers will also be needed the day of the event, so please be sure to save the date and plan on helping out. More information will follow on how to volunteer the day of the event.

Please contact Sandra Scanlon to volunteer at Sandra.scanlon@swe.org and visit the website for further updates: www.swe-rms.org, and click on the GESET link.

Submitted by Sandra Scanlon

FIRST LEGO League Volunteers Needed

FIRST LEGO® League (FLL) introduces young people, ages 9 to 14, to the fun and excitement of science and technology while building self-confidence, knowledge and life skills. In addition, Junior FLL introduces ages 5-8 to the excitement!

FLL challenges kids to think like scientists and engineers by designing, building and programming a LEGO Mindstorm or LEGO NXT robot to accomplish the challenge missions. Alongside adult mentors, FLL teams solve problems using engineering concepts, presentation techniques and robots. For more information on this program go to www.firstlegoleague.org.

We are looking for volunteers to help with the Colorado Championship Tournament on Saturday, December 9, 2006 at the University of Colorado at Boulder Fieldhouse:

7am – 5pm tournament day we need:

Technical Judges: The technical judging panel shall know about mechanical concepts (gears, friction, pulleys, pro/con of each, etc) and programming concepts. Judges will question each team on the technical aspects of their robot.

Research Judges: Teams will present a research topic (related to the Nano Quest theme) to the judges. The judges will then follow with a question and answer session.

Referees: Referees will score the robot's execution of the Nano Quest robot game for each team, during each event round, at his/her assigned official game table

JFLL Reviewers: Review the JFLL teams' (5-8 year olds) models and show-me posters, then collaborate with other Reviewers to assign awards to all teams

Photographers, Videographers - Record the day's activities

Setup/Clean-up, Check-in, information, security, time keeper, score keeper, runners, etc.

Come share the excitement and energy of these kids! For more information or to sign up, please send an e-mail to volunteers@coloradofirst.org or visit <http://www.coloradofirst.org/fll/register/volunteers.htm>.

Register:

www.coloradofirst.org/fll/register/volunteers.htm

Date:

Sat, Dec 9 - Colorado Championship at CU Boulder (State Tournament)

7:00 am to 5:00 pm

(includes free lunch, breakfast, t-shirt)

Program Development Grants Available to SWE Sections

Good news! We just received a relief in the Professional Development (PD) grant requirement from ExxonMobil, which allows a one-time introduction of an existing program (that was successfully conducted or created elsewhere in SWE). Collegiate and professional sections, MALs, and SWE committees are encouraged to submit proposals to the Program Development Grant (PDG) Committee for such program implementation in their area for the first time. As a reminder, the deadline for PDG proposals for next quarter is February 1, 2007. To expedite the evaluation, please be sure to provide complete, informative proposal and budget forms. For sections that have overdue reports and unused funds from previous proposals, please close them prior to submitting any new proposals. Details for submitting new proposals can be found at <http://www.swe.org>, under Member Resource/Program Development Grant. If you need additional information, feel free to PDG Chair Connie Truong.

Taken from SWE Newsletter – November 2006

Membership Renewal – it's not too late!

Is your membership up-to-date? You can easily renew online at: www.swe.org/renew. If you haven't renewed your membership since July 1 of this year, you might be in danger of having your membership dropped in December. We don't want to lose you! Every member is valuable, and SWE offers benefits to everyone, so please consider renewing your membership. A membership in SWE gives you unique opportunities for Professional Development, Outreach, Community Service, Leadership Opportunities and lifelong friendships! We appreciate all of our members and hope that you'll renew today!

COR Report

Heather Doty & Joan Graf, COR Reps

The Council of Representatives (COR) had a busy but productive set of meetings in Kansas City. You may recall that we asked for your input on a number of issues before we left for the meeting. We thought you might like to know the outcome of the discussions at conference. The COR adopted a new Vision Statement and associated Vivid Descriptions to guide the Society for the next 10—30 years. COR also approved declarations to the SWE Board of Directors for future work on two Mega Issues. The proposed bylaws changes all passed with few or no modifications.

(Continued on next page)

(COR Report, continued from previous page)

The Vision Statement:

- Aspire to make engineering a top educational choice for girls.
- Advance women engineers in the workplace.
- Achieve excellence as leaders within our fields.

The Vivid Descriptions:

- SWE's outreach activities make girls enthusiastic about engineering, increasing the percentage of women in engineering curriculums to 50%.
- SWE activities positively impact women's decisions to graduate in engineering and stay in the engineering profession.
- Most women studying or working in engineering are SWE members.
- SWE is known as a premier provider of professional development for engineers and engineering leaders.
- The world regularly hears about the accomplishments of engineers, especially women engineers, in the news.
- Women engineers are sought after for distinguished leadership positions at the world's top companies and institutions.
- SWE continues to be widely recognized as the primary resource on women in engineering.
- SWE has tremendous support from corporations and organizations because they recognize the value that women engineers provide to society.
- SWE's Board of Director positions are coveted because of their prestige.

Mega Issue: Companies with Limited Resources

The SWE Council of Representatives hereby declares to the SWE board of directors that:

The impact of company resources on women in engineering and SWE affecting mutual participation, support and collaboration is an issue of significant importance that should be addressed by developing solutions to:

- Provide outreach to companies who have limited resources to find out what they need from SWE
- Provide outreach to our members who work for such companies to find out what they need from SWE
- Seek ways for these companies to participate in SWE, including but not limited to creating a CPC for such companies, establishing a sliding scale for corporate member dues, and changing the

membership form in order to collect data on company size.

The COR hereby requests that the board response include additional data collected and recommendations with regard to potential need to change Society structure or create an external policy statement.

Mega Issue: International Expansion of SWE

The SWE Council of Representatives hereby declares to the SWE board of directors that:

The issue of international expansion of SWE, such as members who work internationally both on a temporary and permanent basis, as well as the issue of people from other countries who want to participate in SWE, are issues of significant importance that should be addressed for the following reasons:

- Globalization is exploding and SWE needs to embrace it
- Companies want to support this kind of growth and diversity
- Companies are now global companies, and have approached SWE about this issue, therefore the situation has greater urgency
- Many other organizations have this already, so there are models that can be used, such as IEEE and NSBE

However, the COR has identified the following barriers to effective international expansion:

- SWE does not understand international law and diversity, ethics, etc., so is not ready to do something on this issue
- This would require financial resources beyond current capabilities
- There are logistical problems, such as:
- Web site can't support international communication
- Current staff levels can't support international growth
- Language barriers must be addressed
- Currency exchange must be addressed
- Lack of funding for overseas COR reps could cause disenfranchisement
- Complications of taxation issues must be addressed
- Different countries recognize degrees differently, and different countries award degrees differently
- Discrepancy in pay scales could cause problems with current dues structure
- Different countries operate under different ethical standards (Continued on next page)

(COR Report, continued from previous page)

Additional observations include:

- Strengthened partnering with INWES or UNESCO could surmount barriers
- Region X provides some measure of support
- CPC members could be approached for input
- The multicultural committee could provide input with regard to diversity issues
- International counterpart associations could be a resource

The COR hereby requests that the board consider the additional information, hold discussions with regard to these particulars, and prepare a response to the COR with recommendations as to how the barriers listed can be surmounted.

SWE-RMS Membership

Kristin Ramey, Membership Chair

Hello SWE Members! I wanted to take a few quick words to introduce myself as your new Membership Chair for the Rocky Mountain Section. My name is Kristin Ramey, and I recently moved to sunny Colorado from Detroit, Michigan. I've been involved with SWE since I was a freshmen in college (at Michigan State – GO GREEN!) and I've been hooked ever since. I've held positions from President and Treasurer of the Detroit Section, to Vice Chair of Student Programs for the 2002 National Conference to Chair of the national Student Activities Committee (transitioned to the Collegiate Interest Committee) My husband and I (and our 4 dogs and one very brave cat) moved to Colorado last spring. It didn't take long for a few SWE members I have worked with over the years to find out I was here – and I gladly volunteered to fill the roll of Membership Chair. You'll see a few things in our newsletter reflecting a little bit of what I hope to bring to the Rocky Mountain Section. There's a bit of catching up to do, but I hope to start welcoming our New Members in our newsletter, as well as share some demographic data about our section. You'll see some of that in this newsletter. SWE has been a big part of my life, and has helped my through transitions in my career and in my life! It's great to know that moving across the country doesn't mean you have to start fro scratch! The SWE network really works! -Kristin

Welcome to our NEW members!

We'd like to welcome our SWE members NEW to the Rocky Mountain Section:

July

Renee M Anderson, Golden
Breloff Larissa, Fort Collins
Lindsey Cant, Boulder
Darlene Carpenter, Loveland
Tarah Hofmann, Fort Collins
Chris Ray, Fort Collins

August

Richelle L Ahlvers, Monument
Lisa Deickman, Centennial
Stephanie Forsey, Englewood
Sarah P Guenther, Fort Collins
Katrina Marie Kloberdanz, Loveland
Bridget M. Lawrence, Brighton
Kristy Ann Stokke, Denver
Sharon Vaninger, Englewood
Christina A. Wisleder, Aurora

September

Jessica Joy Ayers, Arvada
Agata Karolina Dean, Arvada
Alia Marie Friedel, Superior
Kaylen Jean Haley, Westminster
Eileen R Hickey, Longmont
Kelley Leigh Hughes, Denver
Marva Lynn Jolly, Englewood
Diane Knappenberger, Boulder

October

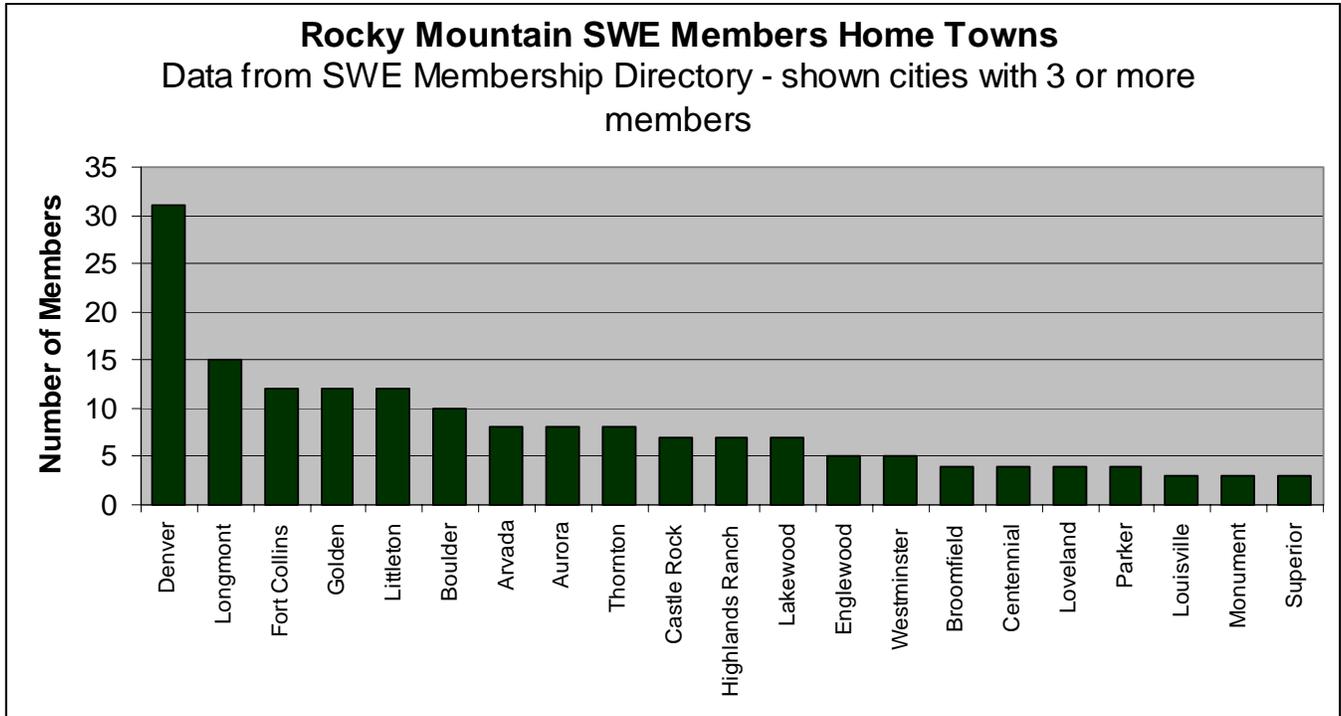
Christine Bogaerts, Longmont
Kimberly Ann Coie, Littleton
Bonnie Elizabeth Ellwood, Thornton
Anna C Hanley, Highlands Ranch
Kirsten Hayda, Longmont
Barbara Lawton, Boulder
C. Diane Matt, Denver
Sarah Maria Morroni, Foxfield
Christi S. Ng, Denver
Cindy A. O'Grady, Littleton
Leslie Ann Sherburne, Denver
JoAnn Silverstein, Boulder
Esther M Wilcox, Longmont

The above data is compiled from reports pulled from data maintained on SWE's online directory. The city listed above is from the Preferred Address listed in the directory. If you have any questions on the information listed above, or there are any errors, feel free to contact me at Kristin.Ramey@swe.org

Membership Demographics – Where do we LIVE?

The following chart is a pareto chart showing where our members live! Some notes on the data: Cities having 1 or 2 SWE members are not shown above, and constitute 13.8% of the total data. Those cities include Bellvue, Colorado Springs, Greeley, Lone Tree, Lyons, Altamonte Springs, Bennett, Berthoud, Brighton, Elizabeth, Foxfield, Greenwood Village, Lafayette, Laramie, Morrison, Nederland, Niwot, Northglenn, Pine, Placitas NM, Scottsdale AZ, Troy MI, Tucson AZ, Wellington, Albuquerque NM, Maitland FL, Milwaukee WI, and Red Deer Alberta. 4.3% of our members don't have their Home City declared in their membership information. Is YOUR information up to date with SWE? Login online at www.swe.org – click to Member Resources, and Online Directory to update YOUR membership information!

Figure 1 SWE-RMS Membership Demographics



To Inspire Results that Make an Impact: Cultivate Humility as a Characteristic of Your Leadership

[Webster's New Collegiate Dictionary Definition](#)

Webster's New Collegiate Dictionary defines the word, humility as 1. "the quality or state of being humble". A short skip alphabetically, up the dictionary page, reveals that the word humble means "not proud or haughty; not arrogant or assertive". How does humility play a part in leadership contributions that endure? What role does humility play in the success of a leader?

Can a humble leader survive in the executive suite? Jim Collins, the author of *Good to Great* defines the highest level of effective leadership, a "Level 5 Executive as a leader who builds enduring greatness through a paradoxical blend of personal humility and professional will". (Collins, p.21) The contrast is apparent when considering traditional, worldly views of humility in leadership. The traditional view of humility in leadership is that it is an action of giving up power that should be retained by the leader.

["Personal Humility" Applied](#)

Personal humility flies in the face of pride and acknowledges that we are not the sole determinants of our successes, but that other factors contribute significantly to

future outcomes. Leaders who are humble set aside their own need to succeed in favor of being part of an effort that surpasses what they could do on their own. Truly, the leader forgoes personal acclaim in favor of an opportunity to be a part of an enduring contribution within the organization and to its people. Personal humility points to the contributions of others and to things outside the leader's own control to explain successful outcomes.

[The How-Do-I-Do-It of Personal Humility](#)

Consider the following points and conduct an informal check-up to see where you as a leader fall on the scale of personal humility.

- Your own written and spoken words indicate your level of humility as a leader. Are your words expressing the value that you place on those around you? Top, successful leaders point out jobs well done, give credit when it is due and cheer their staff members on. Rather than grabbing the spotlight, an effective leader reflects praise to others whenever possible.
- Your actions are indicative of your effectiveness to lead others. Do both your team and peers find you approachable in good times as well as tough times? Can they count on you to be objective, purposeful and to encourage and provide support in difficult situations? Leaders with high personal humility (*Continued on next page*)

(Cultivate Humility, continued from previous page)

- accept responsibility for failure. In other words, “the buck really does stop” at the executive office suite. Blame is not deflected down the hall to another member of the team.
- The growth level of your team members indicates your willingness to invest in them personally. Are the members of your team growing under your leadership? How can you gauge their growth? Who among them is ready to “try their wings” in new situations? Are you ready to let them fly solo, outside of your control?
- Recruiting the best members for your team even those whose talents surpass your own is a sign of personal humility. Many times we tend to attract team members who are “junior” images of ourselves in terms of strengths and weaknesses. Can you successfully choose new team members with skills beyond yours and encourage them in their growth? Are you proactive in seeking team members whose talents complement your own?
- Listen to the way in which your peers and team members describe you to get a feel for how others perceive you. Does their description speak to your commitment to their continued growth? Are their words indicative of a leader who makes contributions that will endure? Check the Webster’s definition listed above for the words humble and humility and use them as a barometer.

The Results that Make the Difference

Great leaders are cognizant of the impact that they can make through their actions. They go out of their way to invest in their employees, create an environment where truthful communication is welcomed and enable others to take risks responsibly. The payoff to the organization is that these efforts are multiplied over and over again throughout all organizational levels as the actions of an effective leader endure within the company.

Taken from Tom Turney - T Squared Leadership, LLC

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

Newsletter Sponsor

We would like to thank **Washington Group International, Inc.**, for their support in printing and mailing the SWE-RMS newsletter.

SWE-RMS Listing of Volunteer Opportunities

2007 Region i Conference at Colorado School of Mines

The SWE-RMS professional section will be helping the students plan the conference to be held March 4-5, 2007. Please contact Heather Doty at heather.doty@swe.org to volunteer

FIRST LEGO League

Sat, Dec 9 - Colorado Championship at CU Boulder
(State Tournament)
7:00 am to 5:00 pm
Register at
www.coloradofirst.org/fll/register/volunteers.htm

Girls Exploring Science, Engineering & Technology Event (GESET)

April 10, 2007, 8:45am – 1:15pm at the Colorado
Convention Center

We are currently accepting solicitations for workshop presenters. Visit the website for the call for presentations and presenter application form.

Visit website for further updates www.swe-rms.org, and click on the GESET link.

Bulletin Board

Scentsy Candle Bars

Check out my new home business as a Scentsy Consultant: www.scentsy.com/HeatherAnne. Scentsy is a line of scented "candle bars" which are melted in a special warmer using a 25 watt light bulb. There is no flame, smoke, or soot, making them safer than traditional candles (especially in households with small children, pets, or forgetful engineers like me). With over 80 scents to choose from, you're sure to find something you like! Great for "H" gifts (holiday, hostess, or housewarming). Call me to schedule a party or place an order.

Heather Doty at heather.doty@swe.org

Discussion Board

*Please email discussion responses or topic ideas to
Sandra.Wiese@gmail.com.*

Last newsletter's question What are you most excited about for this year's national conference in Kansas City?

Responses:

"Although I always learn new things and enjoy helping SWE progress through my work on the Council of Representatives and the Collegiate Interests Committee, I have to admit that the thing I look most forward to each year is reconnecting with the friends I have made at previous conferences. This year several of the ladies on CIC went out and designed our own handbags at a store in the Plaza. It was a lot of fun, and now I have a reminder of that night every time I leave the house."

Submitted by Heather Doty



Who Ya Gonna Call?



	Name	E-mail
OFFICERS		
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Secretary	Liz Black	black@buffmail.colorado.edu
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	Joan Graf	grafjj@msn.com
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Awards	OPEN	
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Certificates of Merit	OPEN	
Endowed Schol. Fund	Jill Tietjen	jill.tietjen@swe.org
Essay Contest	Sonya Reiser	sonyareiser@yahoo.com
Family Issues	OPEN	
Fund Development	OPEN	
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GS Mtn. Prairie Council	OPEN	
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Networking Nights Denver	Laurie Valaer	laurie@spiraloflife-coach.com
SWE Reps		
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Please call Sandra Wiese at

or send e-mail to sandra.wiese@gmail.com with corrections.

SWE Rocky Mountain Section Website: <http://www.swe.org/SWE/RegionI/Sections/RockyMtn>

Calendar of Events

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

December 9, 2006	FIRST LEGO League Competition at University of Colorado - Boulder
January 1, 2007	Happy New Year!
February 22, 2007	Introduce a Girl to Engineering Day
March 4 – 5, 2007	Region i Conference, Colorado School of Mines, Golden, CO
April 10, 2007	GESET at the Colorado Convention Center