



# Southern Exposure

## APRIL MEETING – STUDENT NIGHT!

**Tuesday, April 6, 2010**  
**Giacomo's Restaurant**  
**910 U.S. Hwy 50 West, Pueblo**

The top two regional MATHCOUNTS teams from Canon City and Salida Middle Schools as well as the top seven individual students in our Southeastern Colorado area MATHCOUNTS Competition held on February 20th were able to compete in the Colorado State Competition on March 13th. They have been invited to join us for our dinner meeting this coming Tuesday, April 6<sup>th</sup>. We'll all have an opportunity to personally congratulate them on their achievements. Our program on Tuesday evening is the presentation of their Senior Projects by Engineering and Engineering Technology Students from CSU-Pueblo. Each ten minute presentation will be immediately followed by any questions.

- El Paso County Sheriff's "Shoot house Enclosure" Design  
Nathan Swink; Ronald Torrez
- CSU-Pueblo Soccer Field Drainage and Seating Design  
Zachary Floyd; Robert Quintana; Alex Vega; Travis Vanmatre
- Automatic Guitar Tuner  
Heather Boulier; Jeremy Dasher; Brian Powell; Ryan Sheehan
- Autonomous Robot Design for 2010 IEEE Region 5 Robotics Competition  
Scott Dickerson

Meeting Schedule:	6:30 p.m.	Meet and Greet (cash bar)
	7:00 p.m.	Business Meeting & Dinner Orders
	7:15 p.m.	Student Presentations (10 minutes each to be followed by any questions)
	8:15 p.m.	Dinner



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### COPE MEMBERSHIP LIST AS OF 3/30/10

Allee, Robert	<b>Fries, Robert</b>	<b>Leverington, Robert</b>	Paredes, Humberto
<b>Andorka, Mark</b>	<b>Haemer, Fred</b>	<b>Link, Al</b>	<b>Smith, Harv</b>
Avalos, Sonia	<b>Hayden, Howard</b>	<b>Maal, Luis</b>	<b>St Clair, Ed</b>
Berends, Bruce	<b>Hayson, Jimmie</b>	Malone, Jerry	<b>Turner, Melanie</b>
Biolchini, Tim	Healy, Mike	Marino, Kevin	Valentine, Jim
Bloxsom, William	<b>Henderson, Dan</b>	Maroney, Dennis	Vukich, John
<b>Brown, Scott</b>	<b>Henderson, Val</b>	Martinez III, Modesto	<b>Werme, John</b>
Brown, William (Bill)	<b>Hunt, Florence</b>	<b>Matthews, Josh</b>	<b>White, Mark</b>
<b>Carrasco, Hector</b>	<b>Johnson, William</b>	<b>Meyer, Jim</b>	Witte, Matt
Cuppy, Michael	Jones, Mary Clara	<b>Mitchell, Tony</b>	Wood, Daryl
<b>DeHeart, Joe</b>	Knuth, David	<b>Moore, Larry</b>	<b>Workentine, Richard</b>
<b>Denney, P. Paul</b>	Kock, Kim	<b>Morgan, Richard</b>	<b>Zanini, John</b>
<b>Ducic, Jon</b>	<b>Lee, Paige</b>	<b>Moring, Jill</b>	<b>Zook, Fred</b>
	<b>Lemons, Michael</b>	Olson, Lisa	

If your name is not in **bold** on this list, be sure to fill in the enclosed application and mail it with your \$30 dues to COPE, P.O. Box 1841, Pueblo, CO 81002, ASAP or call Hector Carrasco, Treasurer, to confirm your membership.

## **GOLF TOURNAMENT – THANKS FOR YOUR HELP**

The **Thirteenth Engineers Golf Extravaganza** is scheduled to start at 9:00 am on Saturday, **May 1, 2010**, at Walking Stick Golf Course, Pueblo.

We need **hole sponsors** for \$100. Do **you** know someone or a firm willing to be a hole sponsor?

We will need door prizes and hole contest prizes. Gift certificates are excellent for these. You can purchase gift certificates at any of the stores where you shop or restaurants where you eat. \$20, \$30 or more certificates make a good prize. Some vendors will provide free gift certificates.

We will need lots of **golfers**. Entry forms have been mailed to golfers from previous years. We'll have more entry forms available at the April COPE meeting for you to hand out to friends who would like to play golf and support the students who want to be our future engineers.

We need all of you to help in some way again. We'll need volunteers for some activities on the day of this tournament.

We will have an additional planning meeting with as many of you as possible on **April 19, 2010**, at the ESI office at 11th and Greenwood from 5:00 to 5:30 p.m. to continue planning and organizing for this year's tournament.

The proceeds from the Twelfth Engineers Golf Extravaganza golf tournament (2009) allowed COPE to award two \$1,000 scholarships for the 2009-2010 school year. We want to award scholarships again this next school year (2010-2011). It's great to see our golf tournament efforts being put to good use. **Thank you** to all of you who helped make the golf tournament last year possible and such a success. We (**and our student scholarship recipients**) are counting on you again. **Thanks again!!** Fred Zook, P.E.

## **ONLY IN AMERICA**

**Only in America .....do drugstores make the sick walk all the way to the back of the store to get their prescriptions while healthy people can buy cigarettes at the front.**

**Only in America.....do people order double cheeseburgers, large fries, and a diet coke.**

**Only in America.....do banks leave both doors open and then chain the pens to the counters.**

**Only in America.....do we leave cars worth thousands of dollars in the driveway and put our useless junk in the garage.**

**Only in America.....do we buy hot dogs in packages of ten and buns in packages of eight.**

**Only in America.....do they have drive-up ATM machines with Braille lettering.**

## **EVER WONDER**

**Why the sun lightens our hair, but darkens our skin?**

**Why women can't put on mascara with their mouth closed?  
Why don't you ever see the headline 'Psychic Wins Lottery'?**

**Why is 'abbreviated' such a long word?**

**Why is it that doctors call what they do 'practice'?**

**Why is lemon juice made with artificial flavor, and dishwashing liquid made with real lemons?**

**Why is the man who invests all your money called a broker?**

**Why is the time of day with the slowest traffic called rush hour?**

**Why isn't there mouse-flavored cat food?**

**Why didn't Noah swat those two mosquitoes?**

**Why do they sterilize the needle for lethal injections?**

**You know that indestructible black box that is used on airplanes? Why don't they make the whole plane out of that stuff?!**

**Why don't sheep shrink when it rains?**

**Why are they called apartments when they are all stuck together?**

**If con is the opposite of pro, is Congress the opposite of progress?**

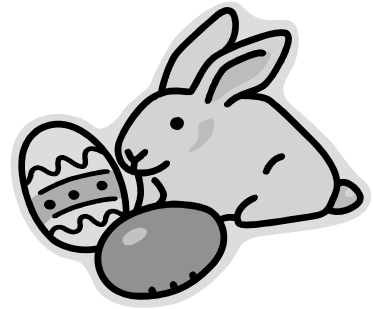
**If flying is so safe, why do they call the airport the terminal?**

## **President's Message – Mark White**

The April Meeting is a time that we invite students who have excelled in math and science that we wish to reward by being our guests. Of course, the young winners of the MathCounts competition are invited so that they can discover the possibilities and diversity in the field of engineering. We need members there to make that happen. Next, come the Senior Engineering Students from CSU-Pueblo. They are both our guests and the program as they give presentations on their senior design projects. It can be a little intimidating for them, so we need to provide encouragement while drawing out the details. I have attended several of these events, and always walk away with something of interest or an experience worth the effort. Please plan to be there to support us in making this a special event for our future engineers.



**\*\*\*Note\*\*\* The COPE Scholarship application is available at [www.esipb.com/cope](http://www.esipb.com/cope)**



**Treasury Report  
2009/10  
Date Submitted: March 29, 2010**

Date	Description	Income	Expenses	Balance
	Balance from February			5,731.02
03/02/10	March Meeting at Giacom'os		78.44	5,652.58
03/02/10	Dues for Rick Workentine	30.00		5,682.58
03/08/10	ESI for Newsletter Postage		19.80	5,662.78
03/08/10	Bank Error Correction	0.08		5,662.86
				5,662.86
	<b>MathCounts Funding</b>	<b>Income</b>	<b>Expense</b>	<b>Balance</b>
	Balance from February			663.99
02/20/10	Income for ten paid lunches	80.00		743.99
03/20/10	CSU- Pueblo for Lunches		570.00	173.99
03/20/10	Mark White - Pictures of Teams & Event		110.64	63.35
03/26/10	ESI for Postage and Supplies		89.13	(25.78)
				(25.78)
	<b>Scholarship Funding</b>	<b>Income</b>	<b>Expense</b>	<b>Balance</b>
	Balance from February		2,000.00	1,500.00
				1,500.00
	<b>Balance in Checking Account</b>			\$7,137.08

12/31/09	<b>Balance in Savings Account</b>	\$2,751.63
09/30/09	<b>Balance in Scholarship Account</b>	\$38,138.55
12/23/09	<b>Brad Mullans Memorial Fund in PEC Foundation</b>	\$27,077.91

**2009-2010 COPE SCHEDULE**

Tuesday, April 6, 2010	6:30 p.m.-8:30 p.m.	COPE Meeting at Giacomo's Restaurant
Monday, April 12, 2010	5:30 p.m.-6:15 p.m.	COPE Executive Committee Meeting @ ESI
Saturday May 1, 2010	To Be Announced	COPE Golf Tournament
Tuesday, May 4, 2010	6:30 p.m.-8:30 p.m.	Joint Meeting with Pikes Peak Chapter in Pueblo

Check info @ [pec.org](http://pec.org) for additional information on state, regional and national events.

Coalition of Pueblo Engineers  
P.O. Box 1841  
Pueblo, CO 81002

## COPE Executive Committee 2009-2010

President:	Mark White / Transportation Tech. Center (mark_white@aar.com)	584-0502 (w)	584-0787 (f)	543-6851 (h)
Vice-President:	Harvey Smith / H.E.S. Telecommunications (HarveyESmith@aol.com)	568-9735 (w)	543-0001 (f)	229-4440 (h)
Sec / Treas:	Hector Carrasco / CSU-Pueblo (Hector.Carrasco@colostate-pueblo.edu)	549-2696 (w)	549-2519 (f)	544-3509 (h)
Director:	Fred Zook / Fred Zook, Engineer (fredzook@qwestoffice.net)	545-4676 (w)	545-4568 (f)	542-4095 (h)
Director:	Dan Henderson / Engineered Systems Inc. (d.henderson@esipb.com)	543-7722 (w)	543-7749 (f)	545-6058 (h)
Past President:	Rick Workentine/All-Phase Environmental Consultants, Inc. (rickallphase@aculink.net)	545-0375 (w)	542-2807 (f)	719-596-3305 (h)
Membership:	Harvey Smith / H.E.S. Telecommunications (HarveyESmith@aol.com)	568-9735 (w)	543-0001 (f)	229-4440 (h)
Golf Tournament:	Ed St. Clair/Fred Zook (ramled3@comcast.net)	250-6439 (c)		545-5168 (h)
MathCounts:	Paige Lee/Engineered Systems Inc. (p.lee@esipb.com)	543-7722 (w)	543-7749 (f)	252-4892 (c)
Newsletter Editor:	Val Henderson / Engineered Systems Inc. (val.henderson@esipb.com)	543-7722 (w)	543-7749 (f)	545-6058 (h)

# COALITION OF PUEBLO ENGINEERS (COPE)

## MEMBERSHIP APPLICATION

Date \_\_\_\_\_

Name \_\_\_\_\_  
FIRST MIDDLE LAST

Preferred E-Mail Address for Meeting Notices \_\_\_\_\_

Birth Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
MM DD YY

Employer \_\_\_\_\_ Job Title \_\_\_\_\_

MAILING ADDRESS OF EMPLOYER \_\_\_\_\_

HOME ADDRESS OF APPLICANT \_\_\_\_\_

CITY STATE ZIP

CITY STATE ZIP

( ) ( )  
PHONE FAX

( ) ( )  
PHONE CELL

Professional Licensure (circle one) PE EI / EIT Graduate Engineer Other N/A

Are you a current member of a State or National Engineering / Surveying Society? \_\_\_\_\_  
Yes No

If so, which one(s)? \_\_\_\_\_

### COPE DUES - \$30.00 annually (Administrative year – July through June)

The following is a list of COPE activities. Please check the ones in which you would be interested and/or would like more information.

- |  |   |
|--|---|
| <input type="checkbox"/> Chapter Officer             | <input type="checkbox"/> MathCounts (annual middle school math competition) |
| <input type="checkbox"/> Newsletter                  | <input type="checkbox"/> Annual Fundraising Area Golf Tournament            |
| <input type="checkbox"/> Guest Speaker Suggestions   | <input type="checkbox"/> Colorado Engineering Scholarship Awards            |
| <input type="checkbox"/> Other (open to suggestions) |   |

Please return Membership Application Form to:

**COPE**  
**P.O. Box 1841**  
**Pueblo, CO 81002**

Please list your foursome below. Individuals will be assigned to fill teams with less than four players wherever possible.

1. Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_
2. Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_
3. Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_
4. Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

**PLEASE SUBMIT PLAYER/TEAM  
ENTRIES IN ONE ENVELOPE  
WITH ALL MONIES DUE.**

**Deadline date for players to sign up is  
Monday, April 26, 2010**

**Limited to the first 100 paid entries.**

**(In case of cancellation, Rain Checks  
will be given.)**

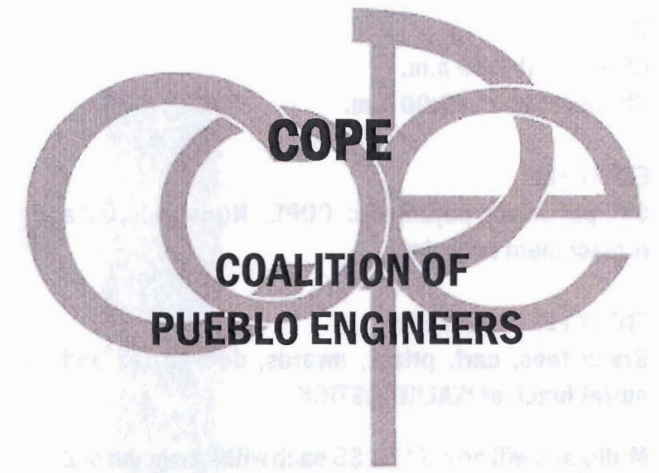
**Wheelbarrow  
courtesy of**

**Trane**

**Coalition of Pueblo Engineers  
P.O. 1841  
Pueblo, CO 81002**

# **THIRTEENTH ENGINEERING GOLF EXTRAVAGANZA**

**(OPEN TO ALL GOLFERS)**



**SATURDAY, MAY 1, 2010**

**WALKINGSTICK**

**GOLF COURSE**

**PUEBLO, COLORADO**

**to provide  
ENGINEERING SCHOLARSHIPS  
for Graduates of Pueblo Area High Schools.  
Awardees must be Junior/Senior  
Engineering Students attending Colorado  
Colleges/Universities.**

**TYPE OF TOURNAMENT:**

Four person best ball scramble.  
Callaway Handicap System will be used.  
(No regular handicap required.)

**WHERE:**

Walkingstick Golf Course  
719-553-1188

**WHEN:**

Saturday, May 1, 2010

**TIME:**

Check-in at 7:30 a.m.  
Shotgun Start at 9:00 a.m.

**ENTRY FEE:**

\$75 per person payable to: COPE. No refunds, but a replacement may play.

**ENTRY FEE INCLUDES:**

Green fees, cart, prizes, awards, door prizes and buffet lunch at WALKINGSTICK.

Mulligans will be sold for \$5 each with maximum of 2 per player. Mulligans may not be used for any hole-in-one contests.

**TEAM PRIZES:**

First Place - \$90 cash per Player  
Second Place - \$75 cash per Player  
Third Place - \$60 gift certificate per Player

*\$37,000 in scholarships were awarded from 1987 through 2009 to outstanding upper class engineering and engineering technology students at CSU-Pueblo and its predecessors by the PEC Southern Chapter Auxilliary. The Coalition of Professional Engineers is now handling this program and is providing engineering scholarships for Graduates of Pueblo Area High Schools who are Junior/Senior Engineering Students attending accredited Colorado Colleges/Universities.*

**CONTEST PRIZES**



**Hole-In-One Prizes**

- Vehicle**
- Golf Clubs**
- Golf Balls**
- Vacation**

\*\*\*

**EVERY HOLE WILL HAVE A  
CONTEST PRIZE!**

**Contact Fred Zook  
with questions at 719-240-1809**

**REGISTRATION FORM**

**THIRTEENTH ENGINEERING  
GOLF EXTRAVAGANZA**

**May 1, 2010**

**Walkingstick Golf Course**

- I want to play in the 13<sup>th</sup> Engineering Golf Extravaganza. My check payable to COPE is enclosed.
- I can't be with you on May 1, 2010, but here is my contribution of:  
\$25 \_\_\_ \$50 \_\_\_ \$75 \_\_\_ \$100 \_\_\_.
- I would like to sponsor a hole for:  
\$100 \_\_\_ Exclusive Hole \$200 \_\_\_.
- I would like to donate a door or hole prize.
- I would like to donate materials for the "Goodies" table to be given to players.
- Please call me at the number below.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

**Mail to:           Engineering Golf Extravaganza  
                          COPE  
                          P.O. Box 1841  
                          Pueblo, CO 81002**