

ALUMNI NEWSLETTER

Civil Engineering Department

Chico State University, Chico

Linda Farrell

January 2005

Minds In Motion

Early in the fall semester, a small group of civil engineering students invited area schools to join them for the College of Engineering, Computer Science, and Technology's 3rd annual Minds in Motion event at California State University, Chico. On April 15th, over 2500 K-12 students will attend the campus to explore various booths full of hands-on learning activities and exciting demonstrations. Kids will be able to crawl into the seat of heavy machinery as well as go for a wild ride on an earthquake simulator. One demonstration will enable them to discover how quicksand works.

Other activities will include competitions for selected grade levels. Last years competitions were: Popsicle Bridges for the High School, Turbine Design for Jr. High, Egg Drop for 5th Grade, Spaghetti Bridges for 3rd Grade, Foil Floaters for 1st Grade.

As of December 31, there are 2,521 K-12 students currently registered from over forty schools, some as far north as Redding. The goals of Minds in Motion are to educate the community on what engineers do. While the main emphasis is on engineering, the Minds in Motion Team would like to show students how science, technology, engineering, and math are related, while having fun.

Plans for the day are:

7:00 AM: Begin setting up

9:00: Student registration and sign-up.

9:30: Begin competitions *Competitions will be every half-hour intervals, ending at noon.

12:30: Begin awards ceremony for the competitions raffle off prizes donated by sponsors

1:00: Students board buses to return to their campuses and clean-up begins

Want more information? Visit the website <http://www.ecst.csuchico.edu/mim/> or contact Anthony Black, Student Coordinator: rblack@mail.csuchico.edu

Alumni interested in attending, donating, or helping with a booth should also contact also contact Anthony Black.

CHICO STATE HOSTS SWE CONFERENCE ***WOMEN OF TODAY, LEADERS OF TOMORROW***

The Chico State Section of the Society of Women Engineers (SWE) is pleased to announce that in Spring 2005, SWE has been selected to host the Annual Region A SWE Conference. The conference is being held on February 11th and 12th and will bridge together professional women and students from Northern California, Northern Nevada, and Hawaii to our Chico State campus.

The purpose of this conference is to support both current and future women in engineering to the exciting possibilities and advantages of their career. The conference will consist of fifteen

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Dear Alumni and Friends:

Belated new-year greetings from all of us in the civil engineering department! Last year, we sent out this newsletter "late" with the excuse that I wanted be able to report that the department had survived my first semester as department chair. This time, we wanted to make sure we had reasonably accurate news and dates for upcoming events. Guess from now on you can just count on the newsletter always being late, which means it isn't late at all! In fact, it will always be on time, regardless of when we send it out. This new approach is bound to annoy Linda in the office to no end.

The most significant trends in the department over the past year are three-fold: more students, less money, and fewer professors. Students continue to be drawn to the civil engineering major in increasing numbers (mechanical and mechatronic engineering, too). This past fall we counted 242 CE majors, a 15% increase over a single year. At this rate, we will reach an all-time high enrollment in two years. While this is good news for the profession and for the program, it has required some belt-tightening due to two complicating issues.

State funding to the college has continued to decline - an additional 9% since last year. In fact, the College of Engineering, Computer Science and Construction Management (note our new name) was, in the latest round, cut more than any other college on the campus. There seems to be an expectation that we have greater ability to augment funds through non-state sources (through research contracts and the generosity of our donors, for example) than do some other colleges. While this is to some extent true, it is primarily because we try harder. However, there is some suggestion that the campus funding protocols may soon change, partly to provide increased funding to high-cost majors, like engineering. I am hopeful that I will have better budget news to report next year.

On the faculty side, we have lost yet another one to retirement. Ken Henkel has now dedicated himself full-time to researching drag on submersible bodies (i.e., fishing). That leaves us with a faculty consisting of three tenured (Arthur, Oakley, and Mills), one tenure-track (Emerson), and two half-time "retired" (Ferrara and Mow). What keep us going is that we have been able to attract excellent temporary faculty to fill in the gaps (Jim Scolaro, Jon Mohle, Tamara Bowcutt-Miller, and Jim Renfro for the past fall semester). We are also advertising for a new tenure-track position for next academic year, in either the transportation or water area.

There are several other newsworthy items. We will soon cease teaching ENGR 002 Surveying for Non-Engineers, as the construction management program will no longer require this course of their majors. To take up some of the slack, we plan at the same time to begin teaching our own, CE-specific, graphics course - a replacement for ME 025 Engineering Graphics. Seems the ME's and we have moved in sufficiently divergent directions (ME and SolidWorks, CE and AutoCAD) to justify completely different graphics courses. Thanks to a grant from the American Public Works Association, we will also be piloting a new internship program for civil engineering students. Tonya Emerson is heading up this endeavor - see elsewhere in this newsletter for more information.

Important upcoming dates, all in a very busy month of April, include our engineering day (alumni day, job fair, banquet, and professional advisory board meeting) on April 8th, the Mid-Pacific Regional Conference at CSU, Sacramento April 9-10, and the 3rd annual Minds in Motion on April 15th.

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Message from the Chair - 2004/2005

Finally, a much-appreciated "thank-you" to all who donated to the department during the past year. We received nearly \$18,000 in cash contributions that have enabled us to maintain the quality of our program.

This newsletter includes a reply form. Please let us know what you are doing and if you would like to participate in upcoming events. The prepaid mailer may also be used to send a donation to the department.

Russell S. Mills, Ph.D., P.E.
Chair and Professor of Civil Engineering

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WOMEN OF TODAY, LEADERS OF TOMORROW

workshops that will cover many aspects of success inherently specific to women engineers. Such workshops will range from technical aspects of engineering to finding a balance between work life and home/family life.

The conference will also include three exciting and accomplished speakers who will be discussing various subjects related to the conference theme: Women of Today, Leaders of Tomorrow. The keynote speaker will be Ellyn McCoy coming to Chico from the Jet Propulsion Lab in Pasadena, California.

In addition to the conference our SWE section will be hosting a career fair. This career fair will offer a good opportunity for students to become familiar with jobs that may become available between now and graduation. It will also offer employers a good opportunity to become familiar with the quality of students being produced by the Chico State engineering program.

This is a comprehensive opportunity for the exposure and advancement of our local SWE section. Our committee members are working hard and diligently towards making this conference run smoothly and successfully. We are still in need of sponsorship, work shop instructors and job fair participants.

Any support that can be offered to the Chico State SWE Section with either the conference or the career fair would be greatly appreciated. To find out how you can become involved please e-mail our local SWE office at: www.chicoswe@yahoo.com.

Shahna Thomas

CE Department Directory of Outstanding Alumni

Year	Recipient (Class Year)	Year	Recipient (Class Year)
1998	Ed Anderson (1963)	2002	Jim Lai (1963)
1999	Harold Welborn (1966)	2003	Dennis Murphy (1994)
2000	Sam Johnson (1971)	2004	Bob Pillsbury (1957)
2001	Gary Watters (1957)	2005	???

The Civil Engineering Department wishes to express its appreciation to the following alumni and friends who have contributed to the Annual Fund supporting our Department from July 1, 2003 to June 30, 2004.

\$1000 + Sam Johnson, Fred Hotes, Julia Moriarty, Noel Owsley, CE Faculty & Staff,

\$250 to Ed Anderson, Fred Davis, Kent Jessen, Kenneth Myers, David Duey, Harold Welborn,

\$999 Richard Welton, James Wright, Marshial Fernandez, Daniel Neal, J. E. Schuricht

\$100 to Charles Capell, Bradley Forsythe, Roger Henry, Paul Kanitz, Aquawork, Inc., Jerry Minor,

\$249 Mark Risso, J. R. Roberts, Stuart Robertson, Gary Waters, George Hansen, Debra Kelly, Keith Belden, Steve Benninga, Michael Byrd, Arthur Carter, Marvin Chapman, John DeGeorge, Evan Edgar, Hal Emery, General Electric, Dale Huber, Chad Krause, Mark Miller, Steven Minor, Charles Mueller, Amber Pierce, Michael Potter, Donna Rolle, Samuel Smith, Lynnette Spadorcio, Jan Swaney, Paul Von Rotz, Gary Weinreich, Jon Yokoyama, Gary Young

Up to Robert Feeney, Aaron Pieczonka, N. Gail Allen, Bob Becker, Ronald Clundt, James Cook, James Crum,

\$99 Mike Crump, Larry Harrison, Mark Hogan, Clifton Hyder, Amy Linn, Homer Lowe, Christopher Nardi, George Nickelson, Robert Olson, Jason Picard, Gary Plunkett, Luis Pompa, Glenard Rodgers, Dennis Schmidt, Jeff Steffan, Barandon Summerrill, Tom Varga, Teri Zink, Ronald McElroy, Loren Bartholf, Donald Becker, David Dammuller, Robert Erickson, Donald Hale, Patricia Shields, Edward Zanger, John Wurschmidt

SCHOLARSHIPS

The following civil engineering students received scholarships and/or awards for 03/04:

COLLEGE & DEPARTMENT SCHOLARSHIPS

<u>Aztlan</u>	Horacio Paras	<u>Mow</u>	Kushwant Chohan
<u>ASCE/Koster</u>	Kari Bianchini	<u>Marr Shaffer &</u>	Jonathan Fein
<u>CE Alumni</u>	Shahna Thomas	<u>Miyamoto</u>	
<u>Ferrara</u>	Sadie McEvoy	<u>Murphy</u>	Marcus Brown
<u>Lagerlef</u>	Lamin Williams	<u>Ringel</u>	Janis Gibson
<u>Langdon</u>	W. Keith Mack	<u>Roberts</u>	Jonathan Talley

AWARDS

C E Alumni Recognition

ASCE Feather River Branch

Professionalism - Steve Grupico
Scholarship - Jeremy Pearce

ASCE Sacramento Section

Professionalism - John Calvert
Scholarship - Leon 'JR' Cody

STATE & NATIONAL SCHOLARSHIPS

SPRING 2004

Amy Billips, Alex Brown,
Jack Camp, Leon Cody,
Brett Dolan, Lisa Griffith,
Jesse Hogan, Victor Illig,
Adam Killinger,
Elizabeth Liebenow,
David Moreno, Nancy Moricz,
Wayne Ohlin, Desiree Partlow,
Paul Rabo, Eric Rhondeau,
Scott Turnquist,
Luke Wentland

FALL 2004

David Altstatt
Kari Bianchini
Dan Golde
Andrea Luce
Kristen Miller
Johnna Owen
Jeremey Pearce
Randall Presleigh
Frank Sousa

SPRING 2005

Kenneth Blake, Joel Boothe,
Ryland Burdette, Justin Cochrane,
Esther Cruz-Martinez,
Jonathan Fein, Heather Grant,
Denise Hanson, Matthew Klein,
Gavin Leiper, Brad Memeo,
William Pence, Nicholas Riddle,
Jesse Ross, Robert Smith,
Jon Talley, Anthony Tassano
Carena Tate, Kyle Wallace,
Lamin Williams, Jerry Yates

Don't forget to update your mailing address with us!!!

2004 CSU, Chico National Steel Bridge Team

The California State University, Chico Civil Engineering Department has welcomed back Jon Mohle, a 1998 graduate, to teaching within the department. He will be instructing various classes during Fall 2004 and Spring 2005, in the absence of Professor Joel Arthur who is on sabbatical. Jon hopes this opportunity will be the first step toward his long-term goal which is to teach full-time within the C E Department.

Jon was born and raised in Chico. After graduating from Chico High School he attended Butte College to two years and then transferred to Chico to pursue a degree in Civil Engineering. While at Chico State, Jon was heavily involved in various clubs and organizations including ASCE student chapter, Structural Engineering Association of California (SEA)CC, and the steel bridge competition. He was a member of the first steel bridge team from Chico State which made it to the national competition level.

After graduating from CSU, Chico Jon worked at various structural engineering firms in the Northern California area over a five year period and obtained his PE license. He returned to academia at UC Davis in 2002 to pursue a career in teaching. Now, with a master's degree in structural engineering, Jon is researching the behavior of reinforced concrete in a collapse as part of his doctorate degree work.

Jon is presently teaching reinforced concrete design, computer applications in engineering, materials testing, and surveying. He is also giving back to the clubs that he was involved in during his under-graduate years at Chico. He fills the roles of: adviser of the concrete canoe team; co-adviser of the steel bridge team, and he is continually involved with SEA OCC. His future goals include finishing his doctorate degree at UC Davis and passing the SE exam. Jon ultimately wants to teach full-time in the Department of Civil Engineering at CSU, Chico.

On Friday, April 8, 2005, Civil Engineering will be hosting our 23rd Annual Alumni Day in the Classroom. We invite you to participate in the day's activities by sharing your experiences and ideas with our students. Two alumni guest speaker will be schedules in each of our classes. Visiting alumni will be our guests for a BBQ lunch with students and faculty. We are looking for alumni with a wide range of experience - from recent grads to principals in firm. Here are a few idea of what you could talk about:

- how you made the transition from college to the work place;
- private practice vs. public employment;
- interesting projects;
- how you started your own business;
- how important are communication skills lessons learned after graduation

We are flexible so don't feel limited to the above topics.

The interaction with our visiting alumni has been a very positive influence on our students. We welcome all alumni to come and share their experiences with us. If you can join us, please indicate your class preferences on the enclosed Alumni **Reply Form**.

The following civil engineering classes will be held on Friday, April 8th: *Introduction to Civil Engineering, Strength of Materials, Fluid Mechanics, Soil Mechanics, Engineering Hydrology, Earthquake and Wind, Environmental Engineering, Contracts, Specifications, and Technical Reports, Structural Mechanics.*

The following alumni shared their ideas and experiences with us this past Alumni Day and made the day a great success: Joe Cacioppo, Ken Giberson, C. Bryan Graves, Steve Klingman, Doug Kobold, Richard Lowell, Dennis Murphy, James Wright and Harold Welborn.

Thanks again to **all** alumni who have made our Alumni Day in the Classroom very special!

Tom Ferrara, Alumni Day Coordinator

Civil Engineers Dominate Structures Contest in Sacramento

California State University, Chico civil engineering students continued a tradition of design excellence in competitions earlier this month by dominating the Structural Engineers Association of Central California (SEA OCC) student design competition.

The student team, headed by Jessica Brandt, designed and built a traditional wood and steel truss for their entry in the competition. The truss was designed to span 14 feet and support 15,000 pounds.

The competition had three phases: First, two weeks before the testing phase students had to write a report which consisted of their design philosophy, an analysis of the entire structure, results from laboratory tests of individual components of the structure, and complete construction drawings.

The second phase of the contest was held at UC Davis on Saturday, Oct. 23. In this phase, the design team was required to accurately predict how, and at what load, their structure would collapse. Once the predictions were made, the structure was loaded to failure to determine the prediction accuracy. The Chico team's prediction was off by less than 1 percent. This was significantly better than all other participants.

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C E Alumni Doing Today?

Chunsom Edward Wong '51 - passed away on December 24, 2003 due to pulmonary fibrosis which was first diagnosed in 2001.

Jerry Morrison - passed away this past year.

Gail Allen '59 - began his career with Peter Kiewit Sons' Inc. in June 1959 in the Southwest District Office at Arcadia, California with a BSCE degree from Chico State. His first 15 years was spent in all positions of Engineering, Superintendent, Project Manager, and Area Manager for the Southern and Northern California Districts.

This was followed by three years in Japan as Manager - Far East Operations, and then 13 years in Omaha Corporate Office managing the Corporate Quality Assurance, Training, Environmental Control, Open Shop Labor Relations and Meeting Coordination Departments.

Following retirement from 31 years with Kiewit in 1989, he has been active as an Engineering Consultant for Kiewit and other companies in the United States, Canada, Italy, Germany, Poland, Japan, Korea, and Egypt. He is currently Construction Consultant to Kiewit for the S. F. - Oakland Bay Bridge, Benicia-Martinez Bridge, Tacoma Narrows Bridge, Kiewit Offshore Services and to other projects as requested.

Joe Pat Young '66 - passed away on April 3, 2004.

Jim Yeates '75 - Jim is still working for Bechtel Power Company, going on 30 years. Current assignment is as an Estimating and Proposal Manager. He is currently working on prospects in Nevada and China. His wife is still working for the school system and both his son and daughter are graduating from college summer 2004. His son's degree is in Information Systems Management and his daughter's degree is in Culinary Services and Management summer 2004.

Ron Beehler '82 - Ron lives in Eldorado Hills, California with his wife Julie and daughters, Lindsey and Kelsey. He is a structural engineer and general contractor.

Evan Edgar '84 - "Twenty years ago . . ." begins a song by Bob Seger. So it has been 20 years of living the dream of realizing that jobs and the environment can co-exist, as I told Ferrara and Henkel years ago. Even Arnold agrees, as I lobby him for more composting, recycling, and green energy.

Mark Johnson '84 - Finished a fellowship in Pediatric pulmonary medicine. Mark was appointed Assistant Professor at Southern Illinois University Medical School in the Department of Pediatrics. During fellowship he studied the airflow characteristics of children with cystic fibrosis during exercise.

Jim Wright '84 - founded Jessen-Wright Structural Engineers in 1996 and is still going strong with projects all over the U.S., including Hawaii. Jim is married to Laura with daughters Kimberly, 7, Monica, 5, and Brandon, 5.

Keith Belden '85 - has been with Morrison Malerle Inc., an ENR top 500 firm for 13 years. Keith and his family relocated to Missoula from Bozeman 4 years ago to open the Missoula office. His wife, Debbie, is completing a Master's Degree in Geography studying sediments in Glacial Lake Missoula. As of March 2004 son Martin, 15, is a high school sophomore and daughter Jessy, 13, is an 8th grader. They are enjoying school, sports and skiing in Montana.



FACULTY NOTES

Tom Ferrara has survived another year on the civil engineering faculty. He continues teaching half time, advising the Tau Beta Pi and Institute of Transportation Engineers student organizations, and working on traffic projects for the university Research Foundation. In summer 2004 he spent some time visiting with electrical engineering professor Al Richardson in professor Richardson's home country of Ghana, West Africa. It was quite an experience to live for a short time in a Third World country and see how different life can be when compared to the California experience.

Ken Henkel retired

Russ Mills (and the department) survived his first year as department chair. He is now waiting (and still waiting) for the job to get easier - isn't that supposed to happen after the initial break-in? After several years at it, Russ has stepped down from the coordinator position for the university's general education program. As a result, he's back in the classroom on a part-time basis, helping to cover the structural courses. He is still riding his bike all over the county, primarily during the summer. As a result, in the local hill climb he managed to win a case of Sierra Nevada pale ale by riding from Chico to Forest Ranch in a time in minutes that was less than his age in years. This is, in fact, something

that is supposed to get easier (for a while, at least).

Maurice Mow is enjoying the faculty early retirement program. His schedule is still full since he was elected as chairman of ASCE's Committee on Curriculum and Accreditation and he was also elected to serve on the body of Knowledge Committee of ASCE.

Of utmost importance, Dr. Mow welcomed two new grandchildren. His family was blessed with the arrival of Marissa and Evan in May. Eric, who was two in September, is no longer the "only" grandchild.

James Scolaro - having been selected for a two year, full time appointment in the Civil Engineering Department, continues to update the academic experience for new engineering students by maintaining the most current versions of computer aided drafting and design software. Combined with basic principles of surveying and civil engineering design, students build an intuition for expected outcomes from a computer-generated project, which is later verified in the field staking exercise.

To remain current in water resources, James has been attending Federal Emergency Management Agency seminars, which includes current guidelines for the National Flood Insurance Program.

David Altstatt

GRADS SHOW THEIR GAME!

There was an excellent turnout this year at the Civil Engineering Annual Alumni Golf Tournament which took place on Sunday, May 16, 2004 at the Table Mountain Golf Course in Oroville, California. It was a long anticipated event that highlighted the completion of a challenging engineering curriculum.

The alumni present at this year's tournament were Bob Clark, Don Russel, Brian Reed, Steve Gonsalves, Jarrod Holliday, and Charles Roberts. The tournament is a great way for graduating seniors to build relationships with some of the alumni from California State University, Chico. Also, students have a chance to gain insight into the civil engineering field by listening to the experiences of other civil engineers. The alumni sponsor participating students to golf, free of charge for this one day only.

Both graduates and undergraduates alike value this gift. "One thing that is very important in a young professionals' life is to network among other professionals. This tournament promotes this type of atmosphere," says senior Andrew Borgic.

Even the professors recognize that one should definitely take advantage of this event. "I had a lot of fun," exclaimed civil engineering professor Thomas Ferrara. Professor Ferrara actually came in third in the net score category, posting a (net) score of 71. But the bragging rights of the tournament went to Andrew Borgic, a twenty-three year old senior who is graduating in December 2004. Andrew placed first in the tournament with a

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Civil Engineers Dominate Structures Contest in Sacramento

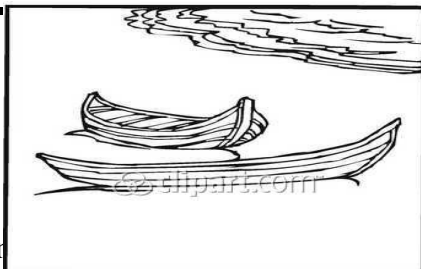
The final step of the competition was an oral presentation given before professional structural engineers at the Nov. 9 SEA OCC meeting in Sacramento. The CSU, Chico team used computer simulations and presentation software to discuss the design and performance characteristics of their structure. In addition to the SEA OCC team receiving a \$500 check for the first-place finish, Jason Barnum, also a member of the Chico design team, was awarded a \$750 SEA OCC scholarship.

The participating students were Jessica Brandt, Nathan Bray, Jason Barnum, Jeff Rabo, Chin Leung, Ian Hoff and the SEA OCC student chapter president Matt King. The faculty advisor for the team was Jon Mohle. Shop technician Mike Renwick, who worked with the students until midnight before the competition, was instrumental in the fabrication of the structure.

"Probably the greatest reason for the success of Chico students at these events is the hands-on, practical nature of the civil engineering program at Chico State," said Mohle. "Also, there is fantastic teamwork among students, faculty and support staff, without which none of this would be possible."

12/6/04 -Kathleen McPartland Tel: 530-898-4260, Jon Mohle, Civil Engineering 530-898-4628

CONCRETE CANOE COMPETITION



This spring, CSU, Chico's Civil Engineering students will once again be competing in the concrete canoe competition. This is the first time Chico has participated since 2001, when Chico placed 5th in the regional competition and did not qualify for the national competition.

The goal for this year's team is to finish in the top two of the regional competition which will be held at CSU, Sacramento in April 2005. The competing teams will be CSU, Sacramento, UC Davis, CSU, Fresno and CSU, Chico. The top two finishers will be awarded a trip to the national competition which will be hosted by Clemson University in South Carolina. At the national competition the team will be competing against all of the top two winners of other regional competitions from around the United States. The South Carolina trip will be partially funded by the Chico State student chapter of A.S.C.E. and the students are in the process of raising money for the trip and would be very appreciative of any outside funding. The purchase of concrete canoe 'shares' is one way to help fund this project. If you are interested in purchasing shares please see the center section of the newsletter for the cost per share.

The competition will be based on the final product, a written design paper, an oral presentation, and races of the canoe by the team members against opposing teams. Some key points to the design of the concrete canoe is that the concrete has to be lighter than water and needs to be able to resurface after being submerged in water. The canoe must be able to hold four people, and it must be designed to be able to maneuver easily in the water. This competition provides engineering students with a practical way of applying the engineering principles that are taught in the classroom. This project also helps build important team skills that will be needed in their careers.

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GRADS SHOW THEIR GAME!

gross score of 77. His performance was exceptional. "I was in my zone" he remarked. He began golfing at the age of ten, where he played in Redding Junior Golf. Andrew has plans to improve his game, and we shall likely see him in future tournaments.

For those who would like to participate in the May 2005 Annual Alumni Golf Tournament, contact Professor Ferrara at (530) 898-5329 or e-mail him at: tferrara@csuchico.edu

January 2005
CALIFORNIA STATE UNIVERSITY, CHICO
DEPARTMENT OF CIVIL ENGINEERING
ALUMNI REPLY FORM

PLEASE RETURN THIS FORM WITH NEWS!!! News and your comments are very important to us. Donations are urgently needed and greatly appreciated! If you have not already done so, please consider sending a tax deductible donation along with the reply form.

Name: _____ **Date:** _____

Home Address: _____

City/State/Zip: _____

Telephone Number: (____) _____ **Year Graduated:** _____

FAX Number: (____) _____ **E-Mail:** _____

- Check if interested in participating in the Spring 2005 CE Golf Tournament **TBA**
- Check if interested in assisting Dr. Ferrara with the S05 Golf Tournament
- Check if interested in serving on the Professional Advisory Board (PAB)
- Check if interested in receiving correspondence by e-mail

News for the 2005/2006 Newsletter (employment, accomplishments, family, travel and/or general comments):

If would like to be a speaker on April 8, 2005 "Alumni Day in the Classroom" Yes _____ No _____

What classes (preference order) would you prefer:

1. _____
2. _____
3. _____
4. _____
5. _____

Employer: _____

Type of Work: _____

Business Telephone: (____) _____

FAX Number: (____) _____

- Check if you or your employer would like to participate in the Civil Engineering Job Fair from 1:00-3:00 p.m. April 8, 2005
- Check if you would like information on "endowed" accounts for Civil Engineering.
- Check if you would like to contribute to an existing endowment account

I would like to make a donation of \$_____ to the Civil Engineering Annual Fund to be used for: _____.

Please make checks payable to: "CSUC CE DEPARTMENT"