

# Quadrangle

ISSUE HIGHLIGHTS:

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## ACCOMPLISHED ENGINEERING GRADUATES RECEIVE HONORARY DEGREES

At Commencement 2003, six University of Cincinnati graduates were bestowed with honorary degrees. Two recipients were graduates from the College of Engineering: Clark Beck, Doctor of Science and Dane Miller, Doctor of Commercial Science.

Clark E. Beck was the first African American to receive a graduate degree in engineering from the University of Cincinnati. During a 30-year career at Wright-Patterson Air Force Base, he participated in many cutting-edge endeavors. Among other projects, he was involved in evaluating Kevlar before it became widely used in bullet-proof vests. He is a true pioneer in testing large aerospace structures and was the Air Force expert in simulating heat conditions to test the structural integrity of designs created for manned space travel. At Wright State University, he created a pre-college engineering program for women and minority students that was recognized as one of President Bush's Thousand Points of Light.

Dane A. Miller is co-founder, president and CEO of Biomet Inc., a worldwide leader in the orthopedic industry. He earned his Master's and doctoral degrees from the College of Engineering Department of Materials Science. A trustee of the UC Foundation, Dr. Miller has established an endowed chair for the head of the newly established Biomedical Engineering Department. Dr. Miller has spearheaded the effort to revitalize the Village of Winona Lake in Indiana, restoring a historic town to its former prominence.

*Biographical information provided by: Marianne Kunnen-Jones*



*Pictured L to R: Clark Beck, Dean Kowel, and Dane Miller*



*Pictured L to R: Kevin, Dennis,  
Brian, Randy*

## A Family Celebration

The 2003 Recognition Day ceremony also marked a significant event for the Shaw family of Troy, Ohio, as their son, Randy graduated from the College. Randy, the youngest of four brothers, was the fourth sibling to receive his degree in Engineering from UC. He was preceded by Brian (ME '96, MS '98), Dennis (ME '98, MS '99) and Kevin (IE '01). Caps off to the Shaw family of engineers (Their Dad is also an ME)!

Do you have similar story? We'd like to hear about it! Please email us at [QUAD@uceng.uc.edu](mailto:QUAD@uceng.uc.edu). ■

## QUADRANGLE FORMAT REVISED AND FREQUENCY REDUCED

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**A**s noted in the spring edition, the frequency of publication of the QUADRANGLE, the alumni/ae newsletter of the College of Engineering has been reduced due to budget concerns. Effective with this issue, the QUADRANGLE will be published semi-annually in late summer and late winter/early spring to most effectively advertise the major engineering alumni events.

In recent discussions of the College's budget challenges with Dean Kowel, the Alumni Board requested that the College maintain contact with alumni through semi-annual publication of the QUADRANGLE. While the College received over fifty alumni emails requesting that delivery of the QUADRANGLE become electronically based via email, several board members offered feedback expressing a strong preference for the traditional printed page format as delivered by the USPS. Dean Kowel approved funding for two issues per year of the QUADRANGLE and encouraged exploring internet-based attempts to communicate with engineering alumni as well.

The names of the persons who volunteered for electronic delivery will be placed on a "Dean's List" and will be notified when the QUADRANGLE is posted on the College website. The College appreciates the involvement and understanding of all alumni during this period of financial hardship. Please send suggestions and comments to [QUAD@uceng.uc.edu](mailto:QUAD@uceng.uc.edu).

## DISTINGUISHED ALUMNI AWARDS

The College of Engineering celebrated its annual Distinguished Alumni Award banquet at the Kingsgate Conference Center on April 11th, 2003.

Distinguished alumni recipients are chosen based on their exemplary achievements in engineering, business, public service, education or professional activities. The 2003 recipients are: Royce Jennings, CE '43, Thomas Wakeman, MS '71 & PhD '82 (AE), Ron Schallick, ME '70, Clyde Haehnle, EE '44, and Calvin Bopp, EE '42.



*Pictured L to R:  
Front- Dean Roy Eckart, Royce Jennings, Dean Stephen Kowel, Ron Schallick  
Back- Thomas Wakeman, Calvin Bopp, Clyde Haehnle*

This year, for the first time, the Distinguished Engineering Achievement Award was given for a group effort in recognition of UC alumni and co-op students including Robert Uphaus, Howard Lepple, William Alberts, Clyde Haehnle and Calvin Bopp who were involved in the design and development of the Voice of America transmitting facilities in Bethany, OH. The technical feats achieved by the group made Cincinnati world-famous because Hitler referred to the Voice of America as "the Cincinnati liars."



LINK TO OUR WEBSITE FOR MORE...

at <http://www.eng.uc.edu/friendsalumni/alumniae/2003/>

## Nominations Now Open for 2004 Distinguished Alumni

The College of Engineering encourages alumni to make nominations for the 2004 Distinguished Alumnus Award. As alumni, you are more likely to be aware of and to appreciate the technical contributions of your colleagues than anyone else. Criteria for recognition include meritorious achievement in one or more of the fields of engineering, science, management, professional and public service, and education. Candidates must have graduated from the College of Engineering at least fifteen years before their nomination. Nominators submit a brief description of the professional accomplishments to the Office of the Dean by November 1, 2003. Candidates are then screened by faculty and a final decision is made by the Awards committee. ■

## LETTER FROM THE DEAN



Office of the Dean  
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College of Engineering  
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Cincinnati, OH 45221-0018

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(513) 556-2933

*This year will be exceptionally exciting. Dr. Nancy Zimpher will assume the presidency of UC on October 1. The College of Engineering has been preparing for a new era of leadership for some time. We have significantly increased enrollment, and hired many outstanding faculty. There is no question that we now have the strongest leadership cadre and the best faculty ever. We are now embarking on an intensive planning effort centered around three foci: (1) developing research centers of excellence, (2) improving our undergraduate programs, and (3) enhancing shared governance. During the next few months we will complete plans for moving the College to the next level in national reputation for interdisciplinary research, develop marketing approaches to compete with private schools in major metropolitan areas, and produce College bylaws that will encourage full participation in decision making.*

*Budgets will remain a critical concern until UC enrollment moves upward strongly and the Ohio economy recovers. My office is currently working with the UC Foundation to increase fundraising that will complement the faculty's efforts in obtaining research grants and contracts. Recently, the Schiewetz Foundation awarded the College \$250,000 to name our new lecture hall in Baldwin and to begin planning for a Center for Innovation in Engineering. Richard Schiewetz is one of our most successful alumni, and this gift is an example of the importance of alumni support for the College.*

*But the needs always outrun the resources. Tuition has increased far faster than scholarship support at a time when competition for the best students is often about scholarships. The cost of maintaining modern laboratory equipment and software greatly exceeds the funding that we receive from the University. Jack Krebs and his staff have done an exceptional job of finding creative ways of meeting our students' computing needs – but we have had to ask students to supply their own laptops and focused our resources on major tools and shared resources and networks.*

*It is an honor and privilege to serve as dean of your College, but years of diminished resources have forced many unpleasant mission compromises. I am looking forward to better times, and we are all working hard to do what we can to garner the resources to move forward. As always, your support for our mission – whether by calling prospective students, or serving on our various advisory committees, means a great deal.*

*We have made great progress, but there is always more to do. And we will do it!*

Dean Stephen T. Kowel

## Provost Perzigian Reappoints Dean Kowel to a Second Term

Dr. Anthony J. Perzigian, Senior Vice President and Provost, has announced the reappointment of Dr. Stephen T. Kowel to a second term as Dean of Engineering. In commenting on the reappointment, Dr. Perzigian said: "It is my pleasure to announce that Dean Kowel has accepted my offer to continue leading one of the University's premier colleges. Despite the travails and constraints of shrinking state support, the College has made remarkable progress during the last four years. UC has confidence in Dean Kowel's administration and in the College's outstanding faculty."



LINK TO OUR WEBSITE FOR MORE...

Biographical information on Dean Kowel, at [www.eng.uc.edu/quadextra](http://www.eng.uc.edu/quadextra). ■



**Terri Braun**  
 President  
 UC College of Engineering  
 Alumni Association  
 terri.braun@ae.ge.com  
 513-243-6839

### *Dear Fellow Alumni/ae*

*As the first of my two-year commitment ends, I would like to take a moment to thank the Alumni Board members and the College of Engineering faculty and staff for their excellent support. As a volunteer organization, the College of Engineering Alumni Association is dedicated to carrying out the mission of the University. Our seventeen member Board represents a broad cross section of engineering majors and strives to provide a comprehensive program that appeals to the diverse interests of our alumni.*

*The Board is currently working on programs designed to encourage student enrollment and to support college activities, but would also like to create new programming focused on providing services important to you as alumni. If you have any ideas, please get in touch with me.*

*If you are not interested in participating directly, you can still support the university and college Alumni Association through active membership. Of the approximately 19,500 living alumni/ae of the College of Engineering, only about 12% are dues-paying members of the UC Alumni Association. More information on membership can be viewed at: <http://www.alumni.uc.edu/Opportunities/join.cfm>*

*Thank you for your consideration and I look forward to hearing from you!*

*Terri Braun*

## Election Results Are In...Meet Your New Alumni Board!

Engineering alumni elected new board members to the UC College of Engineering Alumni Board through a web-based voting session that concluded July 25. The below slate of candidates was presented to the Engineering Alumni Board by the Nominating Committee on June 16 for approval and was unanimously accepted.

### BOARD MEMBERS (3-YEAR TERM)

**Mark Ehrnschwender BS CE '81**

**Richard Foley BS ME '61**

**Matt Kolley BS AE '68**

Congratulations to all!

## 2003 ALUMNI REDS GAME DAY

Approximately 250 UC alumni/ae, students, faculty and staff attended the annual UC Engineering Alumni Association Reds game on Friday, April 25. Despite a cold, overcast evening which was threatened by rain throughout, the group had a great time enjoying the inaugural season of the Great American Ball Park on the banks of the Ohio River.

While the box score of this year's game was disappointing with the Reds losing to the Padres 7-3, attendees were very impressed with Great American Ball Park and look forward to many years of sustaining a great tradition in a new location. Special thanks to all members of the Reds Game Committee including Doug Yerkeson, Steve James, Kristen Zimmer, Dallas Horn and Tom Vinciguerra.



*Emmanuel Fernandez, Associate Professor, and son Christian, a kindergartner at Blue Ash Elementary, enjoyed the whole experience including bratwursts, peanuts, and sitting among "Daddy's friends from UC."*

*Picture courtesy of Rick Koch, Director of College of Engineering facilities.*

## CLASS NOTES

### 1940's

**Robert Coffman EE '48** is enjoying his retirement in Pasadena, California where he windsurfs, participates in water ski marathons and cycles.

### 1950's

**Edwin EE '52 and Jean Rahn** are enjoying their new residence, Bridgehaven Condo located in Milford, Ohio.

**Bob Heyner AE '53** has retired in Cumberland, Maine. He enjoys hunting, fishing, and flying float planes. He can be reached at eaglesky@maine.rr.com.

**Robert ME '53 and Mary Lippert** celebrated their golden wedding anniversary last November! They are both active in UCATS and enjoy attending home football and basketball games.

**George Albrecht ChE '54** has retired from the U.S. Army Research Lab and lives in Chevy Chase, Maryland.

**Douglas Harvey CE '57** retired in 1997 from the Michigan Dept. of Transportation. He lives in Rockford, Michigan and can be reached at DOAHarvey@cs.com.

**Donald EE '59 and Sharon Ruther** are enjoying retirement in Fayetteville, North Carolina. He keeps busy by playing golf, volunteering time to charitable organizations, and visiting his nine grandchildren.

### 1960's

**William Lee MetE '62** recently retired from the Goodrich Corporation as a Quality Director. He is living in New Carlisle, Ohio with his wife Judith. William can be reached at BiJuLee@aol.com.

**Jim MacKnight ME '66** retired in April from GE Marine Engines after 36 years.

### 1970's

**Joseph S. Alford, Jr., Ch E '72, MS '72** is the recipient of the 2003 Computing Practice Award given by the Computing and Systems Technology Division of American Institute of Chemical Engineers (AIChE). Last October, Dr. Alford was also selected to receive the honor of Fellow Membership by the Instrumentation, Systems, and Automation Society (ISA).

**Stephen Cross EE '74** has been named a vice president for the Georgia Institute of Technology and the new director of the Georgia Tech Research Institute (GTRI) in Atlanta. He will also hold a joint appointment as a professor in the School of Industrial and Systems Engineering. Stephen begins his new responsibilities Sept. 1, 2003.

**Edward Focht CE '74** is working in Fort Myers, Florida as a Senior Manager for capital improvements.

**Paul Dieterlen ME '75** worked as an industrial design engineer and inventor after graduation and has accumulated 18 patents. For the past seventeen years, he has owned and operated an engineering consulting and custom equipment manufacturing company.

**Donald Benko AE '77** is a Product Manager for deployable radiator systems used aboard the International Space Station (ISS). Don and his wife, Nancy, have returned to Houston after 15 years.

**William Lockwood ME '78** received his MSME from the Rensselaer Polytechnic Institute (1985) and currently works for Hamilton Sundstrand.

### 1980's

**Christopher Coughlin Met E '84** has been named vice president of industrial equipment for the Timken Company. He received his MBA from Case Western and held various managerial positions in the steel industry before joining the Timken Company.

**Alicia DiGirolamo IE '88** received her MBA from the University of Dayton and is now a licensed builder and certified quality engineer. She currently lives in Ortonville, Michigan.

**Duane Morris ME '89** is an Engineering Manager for Alcoa in Hawesville, Kentucky. He can be reached at DuMorris1@aol.com.

### 1990's

**Stephanie Goff CE '95** has received an MBA from Wright State University and has also obtained her license as a professional engineer.

**Prarthana Kukkalli EE '97** has finished an MS in Computer Science at Wayne State University and is working for Bridgeway Software in Houston, Texas. She can be reached at pkukkalli@yahoo.com.

**Nilesh Gandhi MS '99** has been working for Microstrategy since 1999 and was recently married this past December. Nilesh can be reached at gandhins@yahoo.com.

**Matt Wagner EE '99** is living in Dallas, Texas where he works for Walter P. Moore & Associates. He can be reached at mattwagner@attbi.com.

## QUADRANGLE Editor Jill Bockenstette Departs

This is the final edition of the QUADRANGLE for Editor Jill Bockenstette who has been with the College of Engineering since June of 2000. Jill has worked diligently on the QUADRANGLE throughout several co-op assignments leading to her graduation from UC in August '02 with a BA in Communication (high honors). During the class quarters, she continued to work part-time, making a valuable contribution to the College's communications team. Following graduation she continued her employment with the College by assisting many faculty and staff in a variety of communication-related efforts.

Jill will leave September 3 for Madrid, Spain where she will go through a program to become certified to teach English as a foreign language. She plans to stay in Spain after certification and find work. She is very excited to travel around Western Europe before returning to the States and will be gone between 3-6 months. We will miss her! ■



The COE Office of Communications team:  
Jill Bockenstette and Tom Curtis

## UNIVERSITY OF CINCINNATI COLLEGE OF ENGINEERING 10TH ANNUAL ALUMNI GOLF OUTING

### HIGHLIGHTS:

- Registration begins at 11:30 a.m.
- Tee off at 1 p.m.
- Shotgun start
- Dinner & golf awards ceremony begin at 6 p.m.
- All proceeds of the 10th Annual Golf Outing will benefit the College of Engineering Alumni Association Scholarship Fund
- Directions will be mailed with confirmation
- Register online at [www.alumni.uc.edu/Events/events.cfm](http://www.alumni.uc.edu/Events/events.cfm)

Monday, September 15, 2003






Crooked Tree Golf Course  
Cost is \$80 per golfer

**Questions? Call 513-556-1169**

### RESERVATION FORM

**Yes, I would like to participate!**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home phone: \_\_\_\_\_ Work phone \_\_\_\_\_

Class year: \_\_\_\_\_

Foursome names	Class year
_____	_____
_____	_____
_____	_____
_____	_____

**Please check**

- Hole sponsorship & foursome entry (\$520)
- Hole sponsorship (\$250)
- Foursome entry (\$320)
- Individual golfer (\$80)
- Dinner only (\$22)

**Make checks payable to:**  
College of Engineering  
Alumni Association

**Mail to:**  
Steve Crowley, '83, P.O. Box 210018,  
Cincinnati, OH 45221-0018

## QUAD EXTRA!



**LINK TO OUR WEBSITE FOR MORE...**

On the following feature stories at [www.eng.uc.edu/quadextra](http://www.eng.uc.edu/quadextra)

- 1) Dr. Nancy Zimpher will serve as President of the University of Cincinnati
- 2) Provost Perzigian Reappoints Dean Kowel to a Second Term
- 3) College Launches Second **ACC**elerated **EN**gineering **D**egree program (ACCEND)
- 4) Class of 2003 Totals 279 Engineers
- 5) Professor Utilizes Wireless Computing to Contribute to Classroom Effectiveness

## Quadrangle

### 2003 SUMMER QUARTER UPDATE

Stephen T. Kowel — Dean of Engineering

Jill Bockenstette — Editor

Contributors: Teri Ambrosius  
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*\* Please keep us informed of address changes.*

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