

Wright State University

**CORE Scholar**

---

BITs and PCs Newsletter

College of Engineering & Computer Science

---

3-1-1999

**Wright State University College of Engineering and Computer  
Science Bits and PCs newsletter, Volume 15, Number 3, March  
1999**

Wright State University College of Engineering and Computer Science

Follow this and additional works at: [https://corescholar.libraries.wright.edu/bits\\_pcs](https://corescholar.libraries.wright.edu/bits_pcs)

---

**Repository Citation**

Wright State University College of Engineering and Computer Science (1999). *Wright State University College of Engineering and Computer Science Bits and PCs newsletter, Volume 15, Number 3, March 1999*. Dayton, Ohio: Wright State University College of Engineering and Computer Science.

This Newsletter is brought to you for free and open access by the College of Engineering & Computer Science at CORE Scholar. It has been accepted for inclusion in BITs and PCs Newsletter by an authorized administrator of CORE Scholar. For more information, please contact [library-corescholar@wright.edu](mailto:library-corescholar@wright.edu).





# BITS & PCs

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

March 1999

Wright State University Dayton, Ohio 45435

Vol. 15 No. 3

## EE Chair Honored as Outstanding Educator by Peers



Each year, in conjunction with National Engineers Week, the Affiliate Societies Council (ASC) of the Engineering and Science

celebration, Dr. Raymond E. Siferd, Chair, Department of Electrical Engineering, was the worthy recipient of a 1999 Outstanding Engineers and Scientists Award in the education category.

engineering the microelectronic integration of navigation and communication avionics, to overseeing research involving foreign technology and satellite communications systems.

Foundation of Dayton hosts an awards celebration to further its goal acknowledging and promoting the accomplishments of the engineers and scientists in the Miami Valley. ASC presents awards for the categories of education; research; technical leadership; engineering design and development; and manufacturing, production, and quality control. At this year's

Dr. Siferd received this recognition for being a man with knowledge, experience, commitment, and dedication. He has served both Wright State University and the entire Miami Valley through his interest and expertise in engineering research and development, and by his passion for engineering education. Dr. Siferd joined the faculty at WSU following a career in the U.S. Air Force where he gained a varied background ranging from

When Dr. Siferd joined the College of Engineering and Computer Science, he identified a need for a course of study in IC chips, the future of electronics—ultimately creating a very successful education program in very large scale circuit integration (VLSI). He later added courses dealing with IC design for logic devices and a design thesis course involving the application of very

Continued on Page 3

## Homecoming 1999—A Night to Remember

Homecoming 1999, officially dubbed "Howl & Prowl," was a night to remember for one CECS BHE major. Kristen Huener was named Homecoming Queen at the Raider basketball game.

For being named Homecoming Queen, Kristen received a gold WSU watch and the Society of Women Engineers (SWE) will receive \$500 from the WSU Athletic Association as her sponsoring organization. In fact, this \$500 award is the real reason Kristen considered running for Homecoming Queen—SWE needs

money to host a conference in the fall of 2000.

Voting for the homecoming court took place throughout the preceding week—votes were cast by depositing cash donations in a candidate's box. Over \$1200 was generated from the the voting process. Funds are distributed to charitable organizations—the king designated his share to the Dayton Area Hospice and the queen designated her share to the WSU

Continued on Page 3

## What's Inside?

TEAMS/Trebuchet Report .....	2
ME Professor Honored .....	3
Faculty Facts .....	4
New Courses Offered .....	5
Scholarships/Fellowships .....	6
Employment Opportunities .....	8
E-Week Photo Montage .....	9
Important Dates .....	10



# Many High Schools Participate in TEAMS and Trebuchet 1999

Forty-Six (46) teams from thirty-three (33) high schools competed in the annual TEAMS competition. TEAMS, a one-day competition consisting of a two-part exam, is sponsored each year by JETS, the Junior Engineering Technical Society. Competing teams consist of eight students per team. The students collaborate on answering the questions for both parts of the exam.

Part One of the examination consists of a series of objective questions and is graded on-site while the teams are completing Part Two. The second part of the examination consists of subjective questions related to the first part of the examination and requiring the students to describe and defend their solutions. Part Two

of the exam is submitted to and graded by JETS.

The following is a list of the 1st, 2nd, and 3rd place winners in each of the five divisions (divisions are based on the 12th grade student enrollment and school admission policy) based solely on the scores from the first part of the exam. "A"/"B" designations indicate two teams from the same school.

**Extra Extra Large Division** (500+ seniors or academically selective enrollment regardless of size):

- First — Beaver Creek A
- Second — The Miami Valley School
- Third — Beaver Creek B

**Extra Large Division** (251-499 seniors):

- First — Troy
- Second — Northmont
- Third — Carroll A

**Large Division** (101-250 seniors):

- First — Bellbrook
- Second — Wilmington
- Third — Tipp City B

**Medium Division** (41-100 seniors):

- First — Yellow Springs
- Second — Franklin Monroe
- Third — Catholic Central A

**Small Division** (4-40 seniors):

- First — Fort Loramie A
- Second — Russia
- Third — Cedarville

This year, a Trebuchet contest was held in conjunction with TEAMS. In this contest, high school students followed set guidelines to design and build trebuchets—a medieval engine used, in ancient times, to cast items into a fortress under siege.

Approximately 60 entrants met the prescribed parameters and competed in the contest. Each trebuchet had three opportunities to cast balls of clay (provided by the contest officials) at a target. Awards were given for longest distance thrown, for best accuracy (determined by statistical computation of the three throws), and for the best combination of distance and accuracy.

The awards for the 1999 Trebuchet Contest went to:

#### BEST OF COMPETITION:

Team of Marcus Cox, Brandon Sherwood, Lee Driver, David Schoonover from the Miami Valley Career Technology Center

#### DISTANCE:

- First: Team of Marcus Cox, Brandon Sherwood, David Schoonover, and Lee Driver from the Miami Valley Career Technology Center
- Second: Team of James Drayden, Greg Kessler, Rubio, and Jeff Sparks from the Miami Valley Career Technology Center
- Third: Team of Isaac Roell and Claire Earnhart from Lebanon High School

#### ACCURACY:

- First: Team of Marcus Cox, Brandon Sherwood, David Schoonover, and Lee Driver from the Miami Valley Career Technology Center
- Second: Team of Don Jorgenson, George Barnett, and Pat Wolfe from the Greene County Career Center
- Third: Team of Dan Jackson, Josh Jacobs, and Scott Carney from Lebanon High School

Photos on Page 7

The Dean's Office would like to express sincere gratitude to all the staff and students who volunteered their time and effort to make the TEAMS competition and the Trebuchet contest a success once again. Your assistance is invaluable, and we could not conduct such a large undertaking without your generous support.

## Thank You!



# ME Professor Among Nation's Top Engineering Educators

Mitch Wolff, Ph.D., assistant professor of mechanical and materials engineering, has received the 1999 Ralph R. Teetor Educational Award from the Society of Automotive Engineers (SAE), distinguishing him as one of the nation's top engineering educators.



Engineering, nominated Dr. Wolff based on his teaching approach, commitment to students' education and respect for his profession. Grandhi was a 1987 recipient of the Teetor Educational Award.

auto research issues," said Wolff. "By collaborating with engineers in the auto industry, I'll have an opportunity to investigate how my research in the gas turbine field can be adapted to the auto industry. Ralph Teetor was an excellent model of everything that has made our country and profession what it is today. I am honored and blessed to be selected for a national award named after a man like him."

Dr. Wolff has been with WrightState since 1995

and teaches under-graduate fluid dynamics and thermodynamics and graduate computational fluid dynamics classes. He specializes in gas turbine research, which he conducts at the Compressor Aero Research Lab within the Propulsion Directorate at Wright-Patterson Air Force Base.

Dr. Ramana Grandhi, professor of mechanical engineering, and Dr. Richard Bethke, Chair, Department of Mechanical and Materials

The intent of the SAE Teetor Program is to improve communication between engineering educators and practicing engineers in industry and government. As the award winner, Dr. Wolff will take part in the five-day SAE International Congress and Exposition in Detroit, including an industry tour at General Motors Corporation.

"The Teetor Program will help me gain a better understanding of key

Although blind from the age of five, Teetor was the inventor of cruise control, and went on to become a respected mechanical engineer, president of the Perfect Circle Corporation, and long-time member and 1936 president of SAE.

*Congratulations,  
Dr. Mitch Wolff!*

## EE Chair-Continued

high speed hardware description language (VHDL). His graduate sequence in VLSI was also the first at WSU. These programs would not exist at Wright State if it had not been for the vision and diligence of Dr. Raymond Siferd.

Dr. Siferd has a reward personified by the students he has inspired, taught, and mentored. His accomplishments will continue to be measured by what his students achieve. And, consequently, his contributions to WSU and to the Miami Valley will reach far into the future.

*Congratulations,  
Dr. Ray Siferd.*

## Homecoming-Continued

Disabled Sports program. Kristen chose "this organization because it was where I first became involved on campus and they are also an organization that needs support."

Kristen felt that the highlight of the evening was that she was able to share it with her family and friends and she was proud to represent the CECS. One of the king candidates was also a CECS student.

These are admirable sentiments considering Kristen also won one quarter of tuition in a separate raffle that was part of the homecoming activities.

*Congratulations, Kristen!*

*BITs & PCs* is a monthly newsletter published by the College of Engineering and Computer Science to inform students about activities, news, opportunities and changes occurring in the College. It reports on the achievements of faculty and students; changes in organization, policy and curriculum; scholarship and employment opportunities; and engineering and computer science student club activities.

The current issue of *BITs & PCs* is available on the World Wide Web at <http://www.cs.wright.edu/bitsandpcs/default.html>. Copies are also available in the College office, any Department office, or the Student Club Room.

The next issue will be published the week of April 5, 1999. To submit items for this issue, call the College of Engineering and Computer Science, 405 Russ Center, at (937) 775-5001, or send E-Mail to [kthis@cs.wright.edu](mailto:kthis@cs.wright.edu) by March 23, 1999.



# FACULTY FACTS

**Oscar Garcia, Ph.D., and A. Ardeshir Goshtasby, CSE,** have received a travel grant in the amount of \$6,718 from the National Science Foundation, International Travel Grant—a program that supports international cooperation between computer science and engineering programs. Drs. Garcia and Goshtasby visited the State of Mexico campus of the Instituto Tecnológico de Estudios Superiores de Monterrey where they were guest lecturers for several days.

Dr. Garcia also participated in the National Research Council Review of the Soldier Systems Program of the Army Research Laboratory February 1-3. He will be a member of the Committee of Visitors of the International Directorate of the National Science Foundation. \*

**Marian Kazimierczuk, Ph.D., ME,** (with J.A. Weimer and R.C. Cravens) has obtained U.S. Patent 5,848,652 entitled "Supercapacitor battery clone," December 1998. \*

**Giorgio McBeath, DEPE, CQE,** was inducted into the *International WHO'S WHO of Professionals 1999*, an international publication which recognizes highly accomplished executives and professionals for their outstanding professional and civic achievements. \*

**Dr. James Menart, Ph.D., ME,** (with J. Heberlein and E. Pfender) has published a paper entitled "Theoretical Radiative Transport Results for a Free-Burning Arc Using a Line-by-Line Technique," in the *Journal of Physics D: Applied Physics*, Vol. 32, January 1999, p. 55. \*

**Chandler Phillips, M.D., and David Reynolds, Ph.D., BHE,** have received funding in the amount of \$10,000 from the National Science

Foundation Research Experiences for Undergraduates, for their proposal entitled "REU Supplement—Bioengineering Design Projects for the Disabled." \*

**Krishnaprasad Thirunarayan, Ph.D., CSE,** has received funding in the amount of \$10,000 from Renaissance Engineering, Inc., for his proposal entitled "Computer-Assisted Document Interpretation Tools." \*

**Joseph Slater, Ph.D., ME,** (with G.R. Minkiewicz and A.J. Blair) has published an article entitled "Forced Response of Bladed Disk Assemblies—A Survey," in *The Shock and Vibration Digest*, Vol. 31, No. 1, January 1999, pp. 17-24. \*

**J. Mitch Wolff, Ph.D., ME,** has received funding in the amount of \$360 from F&S, Inc., for his proposal entitled "Interferometric Fiber-Optic Pressure Sensor Dynamic Response Analysis."

Dr. Wolff also presented the following papers which were co-author by WSU MS students:

• with Peter Koch and Julie Moran, "Inlet Guide Vane Generated Vortical Forcing Functions," at the Fourth National Turbine Engine High Cycle Fatigue (HCF) Conference, Naval Postgraduate School, Monterey, CA, February 9-11, 1999.

• with Hiroshi Kobayashi, "Transient Surface Pressure Measurement Issues for High Speed Turbomachinery," at the Fourth National Turbine Engine High Cycle Fatigue (HCF) Conference, Naval Postgraduate School, Monterey, CA, February 9-11, 1999.

• with S. Fleeter, "Nonlinear Separated Inviscid-Viscous Analysis of Oscillating Cascade Aerodynamics using an Inverse Integral Method," *Transactions of ASME: Journal of Turbomachinery*, Vol. 121, No. 1, 1999, pp. 134-144. \*

**J. Mitch Wolff, Ph.D., and Ramana Grandhi, Ph.D., ME,** have received funding in the amount of \$100 from the Air Force Research Laboratory (DoD) for their proposal entitled "Precision Design, Modeling and Instrumentation in Turbomachinery." \*



*Got a great idea? Tell us about it!*

The Suggestion for the Dean Program was initiated to solicit suggestions from Engineering and Computer Science students about ways to improve facilities and/or programs.

A suggestion box is located in front of 405 Russ and forms are available in the Student Club Room, Department Offices, and Student Lounge. You may also submit your suggestions electronically via the College's Internet home page—just choose the information button.

The program runs November 1–April 15. So, send us your good ideas. Appropriate awards will be presented for these suggestions.



## New Course

### CEG/MTH 416/616 Matrix Computations Spring Quarter, 1999

Presents the computational mathematics and software tools for solving linear algebra problems in engineering, science, and applied mathematics. Matrix computations are widely used in such diverse areas as finite elements, neural networks, vibrations, and control theory. Topics include methods for linear equations, eigenvalue problems, singular value decomposition, and least squares.

For more information, contact Dr. Ron Taylor, 775-5122, or visit: [www.cs.wright.edu/~rtaylor/ceg416](http://www.cs.wright.edu/~rtaylor/ceg416)

## New Course Offering

### CS 790—Introduction to Pattern Recognition Spring Quarter, 1999

#### Ever wondered how:

- electronic noses perceive smells?
- vision systems remember faces?
- audio systems understand speech?
- notepads recognize handwritten characters?
- robots classify parts in assembly lines?
- fighters identify ground targets?

For more information, contact Dr. Ricardo Gutierrez-Osuna:  
Phone: 775-5120      E-mail: [rgutier@cs.wright.edu](mailto:rgutier@cs.wright.edu)

#### In this new course, you will:

- learn the fundamental concepts of pattern recognition.
- analyze data and formulate pattern recognition solutions.
- implement efficient algorithms to recognize patterns in data.
- and more

## Ty D. Upp says . . . . .

If you are like most of us, you probably eat a few meals each week right here in the Russ Center. Many of you actually *plan* on doing this and bring edible food from your own kitchens.

If, during your dining experience, you happen to spill or drop part of your meal, please be considerate of others and clean it up. If you should happen to have a major catastrophe which requires the attention of a mop and broom, call X4444 from the campus phone located in the lobby adjacent to the elevators and relay the need for custodial assistance.

*Thank you for your cooperation!*

If you spill it,  
PLEASE clean  
it up!



Fritz and Dolores Russ  
Engineering Center

## Bits & PCs

College of Engineering and  
Computer Science  
Wright State University

**Dean**  
James E. Brandeberry, Ph.D., P.E.

**Editor and Staff Writer**  
Karil S. This

Submit questions, articles and ideas to Editor, 405 Russ Engineering Center. The College of Engineering and Computer Science reserves the right to edit all material for publication.

Ty D. Upp is a regular feature in BITs & PCs. faculty, staff, and students are welcome to submit prospective topics for Ty D. Upp to address in this column. Just contact [kthis@cs.wright.edu](mailto:kthis@cs.wright.edu) or stop by the Dean's Office at 405 Russ to submit your suggestions.



# SCHOLARSHIPS & FELLOWSHIPS

**The Yanmar/SAE Scholarship Program** is accepting applications for 1999/2000. Yanmar Diesel established the scholarship to promote the study of energy conservation.

Candidates must be entering their senior year or be enrolled in a post-graduate engineering or related science program. They must be a citizen of North America pursuing a course of study or research related to the conservation of energy in transportation, agriculture, construction, or power generation (emphasis on research/study related to the internal combustion engine).

Judging is based on scholastic performance, special study/honors in the field of the award, and leadership achievement related to engineering or science. One \$2000 scholarship will be awarded at the rate of \$1000 per year.

**Application deadline is April 1, 1999.**



**The SAE Long Term Member Sponsored Scholarship program** is accepting nominations for 1999/2000. The program was established by SAE members who have 25, 35, and 50 years of membership and elect to fund this scholarship program in lieu of receiving a Long Term Recognition Award. Several scholarships will be awarded.

Scholarships are awarded on the basis of the nominee's support for SAE, the Collegiate Chapter, or the local SAE Section and its programs. Applications must be submitted by the SAE Faculty Advisor, the SAE Chairman or Vice Chairman for Student Activities. The nominee, nominator, and co-nominator must be members of SAE. Nominees must

be entering their senior year between August, 1999, and February, 2000.

**Application deadline is April 1, 1999.**



**The SAE Doctoral Scholars Program** is seeking qualified applicants for 1999/2000. The program was established to assist and encourage promising graduate engineering students who are citizens of North America (U.S., Canada, or Mexico) to pursue careers in teaching engineering at the college level. For each year of teaching, one year's loan will be forgiven.

Eligible candidates must hold a degree from an accredited undergraduate program and be accepted into a doctoral program at the time of application. Selection is based on scholastic achievement, desire to teach, interest in the mobility technology field, and the support of the SAE Collegiate Chapter where one exists.

Up to \$5000 a year is available for up to three years. Funding levels at the time of selection will determine the number of loans and grants available for the 1999/2000 academic year.

**Applications must be received by April 1, 1999.**

For more information on SAE scholarships, contact:

**Connie Harnish**  
**SAE Educational Relations**  
**400 Commonwealth Drive**  
**Warrendale, PA 15096-0001**  
**(724) 772-4047**  
**E-mail: [connie@sae.org](mailto:connie@sae.org)**  
**<http://www.saw.org/STUDENTS/docschol.htm>**

**Culture Works** is accepting applications for the **Leonard P. Roberts Memorial Scholarship** of the Dayton Foundation.

Candidates must be full-time students entering their final year at a two-year or their junior or senior year at a four-year Miami Valley institution. Students must be majoring in business administration, engineering, or performing arts.

Colleges or universities may recommend three candidates. Recommendations must come from the Financial Aid office of the institution with endorsement from the appropriate academic personnel.

Candidates will be evaluated on a 100 point scale based upon the following criteria:

- financial need - 20 pts.
- one-page typed essay - 20 pts.
- gpa in concentration area - 20 pts.
- overall gpa - 10 pts.
- recommendation letters - 10 pts.
- extra-curricular activities - 10 pts.
- community service - 5 pts.
- work experience - 5 pts.

For more information, or for application materials, contact your institution's Financial Aid office, or Rebecca Zorich, Programs and Services Associate, Culture Works, (937) 222-2787.

**All nominations and applications must be received by the Culture Works office by 5:00 p.m. on Friday, April 23, 1999.**







The following employees of the College of Engineering and Computer Science were honored at the annual WSU Employee Recognition Ceremony:

**For 10 years of service:**

Kenneth Cornelius (ME)  
Prabhaker Mateti (CSE)

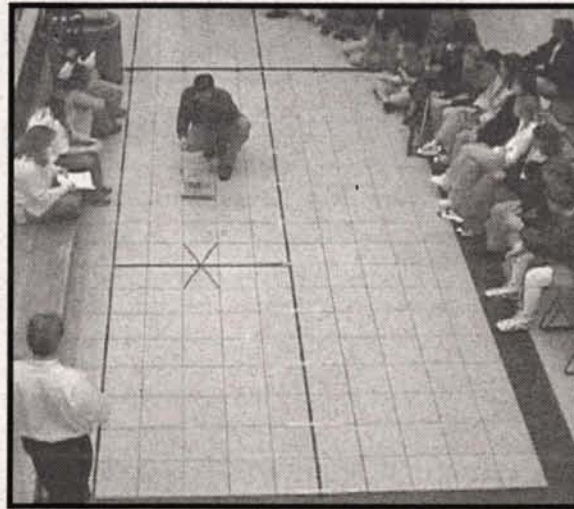
**For 15 years of service:**

Richard Rathbun (ECS)

**For 20 years of service:**

Parviz Dadras (ME)  
Teresa Sheperd (ECS)

Please join us in applauding these individuals for their years of faithful service.



Below—contest officials watch the launches closely, compile and deliberate the results.



Top left—trebuchet aiming for the mark.

Top right—trebuchet releasing its load.

Below—students take advantage of the wait time to fine tune their machine



## 1999 SPRINGS Magazine Technical Writing Contest

SPRINGS, the magazine of spring technology, official publication of the Spring Manufacturers Institute, is sponsoring a technical writing contest. Cash awards for the top three technical papers on spring design, materials, and processes.

First Place	—	\$2,000
Second Place	—	\$1,000
Third Place	—	\$500

These amounts will be awarded directly to the student, plus a matching donation to the student's department of study.

**Entries Due by April 30, 1999.**

To request a contest packet, contact:  
Rita Schauer, Editor, SPRINGS magazine,  
Phone: (630) 495-8588, FAX: (630) 495-8595  
E-mail: [editor@smihq.org](mailto:editor@smihq.org)  
Internet address: [www.smihq.org](http://www.smihq.org)



# EMPLOYMENT OPPORTUNITIES

**GemAIR, Inc.**, Dayton's Internet resource, has full- and part-time openings for technical support personnel. Individuals will provide telephone support for Internet service customers, set up and maintain customer server operations (i.e., web sites, domain names, company e-mail), and some on-site assistance for business accounts.

Candidates should be proficient in Windows 3.1, 95/98, and NT; Netscape Communicator 4.5 and Internet Explorer 4.01; and e-mail, web browsing, and all Internet communications. Candidates should have a basic knowledge of reconfiguring and upgrading common modems. They should also have a firm grasp of networking basics and fundamentals and Windows dial-up networking set-up. Knowledge of Internet Protocol (TCP/IP), Web page writing (HTML) is also helpful.

Candidates should be multi-task oriented, able to quickly change focus, able to work without requiring technical assistance, and able to work well with people. Knowledge or experience with Web Server/e-mail/DNS Administration, ISDN, router configuration and use, Windows NT or Novell networking, or Perl for Linux is a plus.

Hours of operation are from 9 A.M. to 9 P.M., Monday-Friday and various shifts are available. Salary dependent on qualifications/experience. Benefit packages available for FT employees.

To apply, send resume to:

**E-mail: [manager@gemair.com](mailto:manager@gemair.com)  
FAX: (937) 223-2365 ATTN: Manager  
Deliver in person to:**

**119 Valley St., 10 a.m. to 5 p.m.  
Telephone inquiries not accepted.**

**New Horizons Computer Learning Center**, a worldwide leader in computer training, needs part-time technical support in the Fairborn, Ohio, center. Responsibilities entail configuration of classroom computers for end-user classes.

Afternoon/evening/weekend shifts available. Experience with Windows 95 or Windows NT Workstations required. Training opportunities are available in A+ Certification, Novell network (CNA, CNE) and Microsoft network (MCPS, MCSD, MCSE) certifications. Salary commensurate with experience starting at \$7.

To apply:

**Call Roy at: (937)427-0111 (x1173)  
or FAX resume to: (937) 427-4050**

**Simulation Technologies, Inc. (STI)**, has positions available for individuals seeking work experience and training in technical fields. STI offers flexible hours and competitive salaries.

Candidates must be U.S. citizens and currently seeking a technical degree. C/C++ experience is preferred.

Send resume and cover letter to:

**Dawn Pogue  
STI  
Mid-City Station  
P.O. Box 45402  
Dayton, OH 45402  
or by E-mail to: [pogue@stiusa.com](mailto:pogue@stiusa.com)**

**The Center for Advanced Friction Studies (CAFS) at Southern Illinois University** in Carbondale, Illinois, is currently accepting applications for paid summer internships. The small number of CAFS internships results in an exciting hands-on experience in a modern research facility.

The internships will run from June 14 through August 6 and involve the study of the performance of friction systems, with particular focus on the needs of the aeronautical and automotive industries. Interns will complete a research project based on their strengths and interests while working closely with CAFS scientists and faculty. Areas of current research include: thermophysical properties of materials, structure and composition influences, evaluation of friction and wear mechanisms, scaling of dynamometer test data, automobile and heavy duty brake systems, property/performance relationships, micro-mechanisms of friction surfaces, formulation of new materials, carbon-carbon composites, transfer layer and third body effects, surface analysis by profilometry, thermal modeling of brake systems, aircraft brake materials, and vibration analysis of brake systems.

To qualify, students must be majoring in engineering or physics; a junior or senior by June, 1999; and have appropriate authorization to work in the U.S. Stipends are \$2800 if interns provide their own housing and meals or \$2200 if housing and meals are provided to the intern.

For more information, visit the web site <http://www.siu.edu/~cafs>, or contact Chad Waters, (618) 453-7932, e-mail: [cwaters@siu.edu](mailto:cwaters@siu.edu). To apply, submit a cover letter, resume, copy of transcripts, and list of current courses to:

**1999 Summer Internships  
Center for Advanced Friction  
Studies  
Southern Illinois University  
Mailcode 4343  
Carbondale, IL 62901-4343**



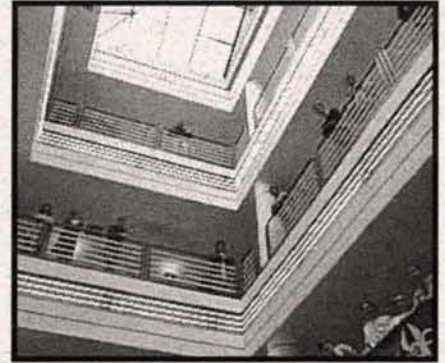
# It Happened One E-Week



## G.A.T.R.

Can you spot the winners of E-Week goodies in these G.A.T.R. photos (at left, and right)?

Gordon Benson and Suqiang Xu won mouse pads. Jeff Gardner, Eric Lowe, Nancy Ranck, and Kathy Eng won T-shirts. Kristen Huener, Adam Ewing, and Sheila Hollenbaugh won mugs. (You might need a magnifying glass to find them!)



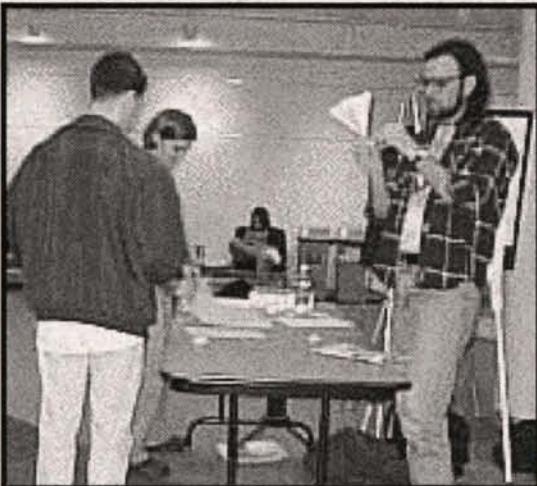
## Nerds Я Us

Once again, Nerds were rampant around the Russ Center during E-Week. They held their annual promenade down the Atrium stairwell following the ever-popular G.A.T.R. The winning Nerd received the Golden Pocket Protector Award.

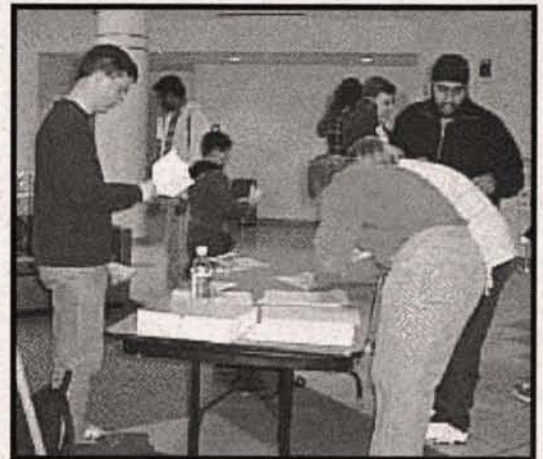


A golfer takes a putt on the 1<sup>st</sup> place hole designed by SAE. 2<sup>nd</sup> place went to BMES and 3<sup>rd</sup> place to WEC.

## De Plane . . . Boss . . . De Plane!



There were some very creative entries in the Paper Airplane contest sponsored by SAE. Mahadev Niraj took 1<sup>st</sup> place honors, while Panda Debashis took 2<sup>nd</sup> place. A special award goes out to Tess Wallen. She receives an honorable mention "Hindenberg Award" for her design, which flew backwards!





# Important Dates To Remember . . .

- March 13 — Last day of Winter Quarter classes
  - March 15–20 — Winter Quarter Final Exam Week
  - March 27 & 28 — Campus electrical shutdown
  - March 29 — Spring Quarter classes begin/Late registration fee begins
  - April 2 — Last day to register, add classes, and receive 100% refund (in person)  
— Summer class schedules delivered to campus
  - April 5 — Faculty Senate, 3:15 P.M.  
— 70% refund of fees begins
  - April 10 — Senior registration for Summer Quarter begins
  - April 11 — Graduate/unclassified registration for Summer Quarter begins
  - April 13 — NEAS+, 9–11 A.M., 145 Russ Center  
— Last day for 70% refund of fees
  - April 16 — Leadership Seminar, 4 P.M., Tait Conference Room, 405 Russ Center  
— Last day to drop a class without a grade
  - April 17 — Junior registration for Summer Quarter begins
  - April 23 — Fall class schedules delivered to campus
  - April 24 — Sophomore registration for Summer Quarter begins
  - April 25 — Freshman registration for Summer Quarter begins
- 
- 



## WRIGHT STATE UNIVERSITY

College of Engineering and Computer Science  
3640 Colonel Glenn Hwy.  
Dayton, Ohio 45435-0001

Office of the Dean