



# BITS & PCs

## COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

January 2003

Wright State University Dayton, Ohio 45435

Vol. 19 No. 3

### Important Dates

- January 6  
First day of winter quarter classes
- January 20  
UNIVERSITY CLOSED -  
Martin Luther King, Jr. Day
- January 23  
CECS Co-Op Recruiting  
Day - 1:30 PM - 4:30 PM
- February 17-21  
National Engineers Week
- March 3  
Last day to apply for June  
graduation
- March 15  
Last day of winter quarter  
classes
- March 17-21  
Final Exam Week
- March 31  
First day of spring quarter  
classes
- May 26  
UNIVERSITY CLOSED -  
Memorial Day
- May 27  
Last day to apply for August  
graduation
- June 7  
Last day of spring quarter  
classes
- June 9-13  
Final Exam Week
- June 13  
CECS Awards Ceremony  
and the Order of the  
Engineer Ring Ceremony
- June 14  
Spring Quarter Commence-  
ment
- June 16  
First day of "A" and "C"  
term summer quarter  
classes

### Plans Are Underway for National Engineers Week

The College of Engineering and Computer Science is busy planning for this year's National Engineers Week, February 16-22, 2003. This year's theme for E-Week is "Turning Ideas Into Reality."

National Engineers Week is celebrated annually by thousands of engineers, teachers, students, and leaders in government and industry. National Engineers Week was founded in 1951 by the National Society of Professional Engineers to increase public awareness and appreciation for engineering. The College and many of its student organizations are planning a variety of events for the week, which may include:

- |   |  |
|---|--|
| Nerd Fashion Show                       | Penny Wars                                       |
| E-Week Dance                            | Engineering Olympics                             |
| Trebuchet Contest (High Schools)        | Egg Drop Competition (High Schools)              |
| Women in Engineering Day (High Schools) | Movie Night                                      |
| CECS Open House                         | Breakfast with the Dean<br>and much, much more!! |
| Mocktail Competition                    |  |
| Mister and Miss Engineer Competition    |  |

A complete schedule of events, including times and locations, will be featured in the February issue of BITS and PCs. For more information on E-Week events, contact Jenny Garringer via e-mail at [jgarringer@cs.wright.edu](mailto:jgarringer@cs.wright.edu).

### ACM-IEEECS Hosts Linux Install Fest

Since Linux rarely comes pre-installed on computers, and many people are uncomfortable installing an operating system, WSU's ACM-IEEECS chapter and DMA's LUG (Dayton Microcomputer Association Linux Users Group) have organized an install fest for any interested computer user to have a copy of Linux properly installed on their own computer. Experienced Linux users will be on hand to demonstrate the use of Linux and answer questions. The purpose of the event is to allow attendees to get a better understanding of what Linux is, see demos of the system in action, find out about some useful Linux resources, and get free assistance from technically competent people on issues involved in the installation and setup of Linux. See the ACM-IEEECS web site at <http://www.cs.wright.edu/~csclubs>.

**Linux Install Fest**  
**Saturday, January 11, 2003**  
**12:00 PM - 6:00 PM**

**146 Russ Engineering Center**

Presentations on various Linux topics will also be given at the event check the web site later for a finalized presentation schedule. Linux CD's will be provided for free or at a very low cost (\$0.50 a CD) of the latest Linux Distributions.

No registration is needed this year, just bring your computer anytime between 12:00 PM - 6:00 PM. If you have any questions please contact Todd Rovito at 222-1394 or e-mail [rovitotv@stargt.com](mailto:rovitotv@stargt.com).

Visit us on the Web at <http://www.engineering.wright.edu>

# Faculty Facts

**Amer, Maher (MME)**

*Laser-Based Nano and Micro Machining for Meso-Matter Tooling and Fabrication*

Mound Laser and Photonics Center, Inc.  
9/27/02 - 9/26/03.....\$74,689

**Bourbakis, Nikolaos (ITRI)**

**Garcis, Oscar (CSE)**

*Priorities in Graduate Education*

Ohio Board of Regents  
7/1/02 - 6/30/03.....\$82,766

**Garcia, Oscar (CSE)**

*Priorities in Graduate Education (Computer Science)*

Ohio Board of Regents  
7/1/02 - 6/30/03.....\$115,948

**Grandhi, Ramana (MME)**

**Penmetsa, Ravi (MME)**

*Multidisciplinary Design Optimization for High Reliability and Robustness*

Department of Defense, Office of Naval Research  
10/1/02 - 9/30/05.....\$75,000

**Hangartner, Thomas (BIE)**

*Evaluation of a Novel Treatment for the Osteoarthritis of the Knee*

Procter & Gamble Company  
8/6/99 - 12/31/03.....\$61,642

**Klingbeil, Nathan (MME)**

*Prediction and Control of Microstructure in Laser-Based Solid Freeform Fabrication of Aerospace Materials*

Dayton Area Graduate Studies Institute (DAGSI)  
7/2/01 - 6/30/03.....\$9,750

**Mukhopadhyay, Sharmila (MME)**

*Science and Engineering of Carbon Foams*

Ohio University  
10/1/02 - 9/30/03.....\$45,000

**Prasad, T.K. (CSE)**

*Computer-Assisted Document Interpretation Tools*

Cohesia Corporation  
3/1/02 - 12/31/02.....\$25,000

**Rizki, Mateen (CSE)**

*Hybrid Evolutionary Learning for Pattern Recognition Contact (HELPR) to Three-Dimensional Target Classification*

Department of Defense, Air Force, Air Force Research Laboratory  
10/1/02 - 9/30/04.....\$25,000

**Shaw, Arnab (EE)**

*Order Statistics for FOPEN Target Detection*

Sverdrup Technology, Inc.  
10/14/02 - 2/14/03.....\$25,000

**Slater, Joseph (MME)**

*Quantifying Uncertainty in Structural Response*

Anteon Corporation  
10/22/02 - 11/22/04.....\$45,338

**Srinivasan, Raghavan (MME)**

*Paper Abrasivity Testing - Phase II*

Edison Materials Technology Center (EMTEC)  
1/1/01 - 6/30/03.....\$32,768

**Wolff, Mitch (MME)**

*Computational Aerthermodynamics*

Department of Defense, Air Force, Air Force Research Laboratory

9/30/02 - 9/29/03.....\$125,000

**Wolff, Mitch (MME)**

*Precision Design*

Department of Defense, Air Force, Air Force Research Laboratory

12/7/01 - 12/31/04.....\$60,000

## OSPE Seeks Nominations for Awards

The Ohio Society of Professional Engineers (OSPE) is now accepting nominations for the Outstanding Engineering Student Award and the Outstanding Engineering Educator Award. The deadline for nominations is February 1, 2003.

The **Outstanding Engineering Student Award** is presented to an engineering student from an ABET-accredited Ohio engineering school. Either an engineering faculty advisor or the dean of engineering must make nominations. The nominee must be a full-time undergraduate or graduate student and must have completed the junior year in undergraduate school. The OSPE Awards Committee bases their judgment on criteria such as scholastic achievement, and participation in professional, technical, and other college activities. The nominations should be made on the prescribed form and must

come through a chapter.

The **Outstanding Engineering Educator Award** is presented to a member of the engineering faculty of an ABET accredited engineering program in a school in Ohio. The dean of the engineering school must make the official nominations. The educator shall have at least five years of experience subsequent to graduation from an accredited engineering school and must be teaching an engineer course during the current term. The nominee must have been employed at the school of the nominating dean for at least three years and accomplishments at that institution and in Ohio are most important in the evaluation.

For more information please contact the CECS Dean's Office in 405 Russ Engineering Center.

The College of Engineering and Computer Science would like to congratulate and thank the following faculty and staff members for their outstanding service to WSU and the College:

**10 Years**

Karen Meyer (CSE)

**15 Years**

Nancy Lockwood (MME)

Pradeep Misra (EE)

Arnab Shaw (EE)

David Short (BIE)

Greg Wilt (MME)

Kefu Xue (EE)

**20 Years**

Tom Sudkamp (CSE)

Doug Supp (ECS)

**30 Years**

Jay Thomas (MME)

**Congratulations!!**

## Why Does the Army ROTC and Engineering Work Well Together?

By Joshua Szarek, Senior, Mechanical Engineering

I graduated high school from a small town in southern Ohio as the Valedictorian. I came to Wright State University during the 1998-99 school year because of the excellent Mechanical Engineering program and the outstanding reputation for the Army Reserve Officer Training Corp (ROTC.) I received a National scholarship through the ROTC program which covered: tuition, room & board, money for books, and a stipend which increased as I progressed through school.

As a freshman in college and ROTC, I was only required to attend Physical Training, PT, three times a week in the morning, which allowed me to be more alert for my 8:00 a.m. chemistry class. I also attended three field training exercises, or FTXs, throughout the year which are just overnight training courses in the woods. I gradually gained more obligations and responsibilities other than just PT and FTXs as I progressed through my military science classes and leadership labs over the span of four years.

As a graduating Mechanical Engineer and an Army ROTC cadet, I have been fortunate to participate in a wide array of experiences and opportunities to refine valuable skills that will prove helpful with my career after the military. In the Army ROTC program, I had the chance to be an instructor and make presentations in front of audiences in excess of fifty people. All employers, regardless of their nature, military or civilian, look for individuals that have excellent communication skills, who want the chance to tackle difficult problems and provide leadership for others to follow and learn.

While participating in ROTC, I have had the great privilege to experience airborne school (jump out of planes), the opportunity to be the Ranger Challenge commander, and hold the position of Training Officer for the cadet battalion. In all instances, I was not only challenged physically and mentally, but I also learned what is meant by leadership and the pertinence of oral communication with others. These experiences helped me gain confidence, time management skills, and identify that everyone is motivated by something different. The leadership, communication, and management skills I developed in the Army ROTC program helped me to become more successful in other WSU organizations like Greek Life, where I became the Vice President of my fraternity.

Directly following my June 14, 2003 graduation, I will be commissioned in the United States Army as a Second Lieutenant in the field of Infantry and I will be guaranteed a good paying job with great benefits and unmatched hands on experience. I will attend officer basic course

for 16 weeks in Ft. Benning, Georgia, which is a school where I will develop my leadership skills more thoroughly. After this school, I will have the chance to attend Ranger school, which is one of the most elite schools the military has to offer.

After graduation, I only have a commitment of four years, during which time I may see the world and have the opportunity and responsibility to lead 250 men and women and oversee \$200 million of equipment at the age of 23.


In the end, I will have graduated Wright State University with an accredited degree in Mechanical Engineering and Business. I also learned and refined skills in ROTC that are priceless commodities to any employer while accumulating zero debt to my name. In all actuality, I was paid to attend classes, work out, and develop a résumé of leadership and management experiences that most college students only dream of acquiring, which was all possible through the Army ROTC program.

### Student Deadline for FE Exam

The student application deadline for the Fundamentals of Engineering Exam is February 12, 2003.

If you plan to take the exam on Saturday, April 12, 2003 at WSU, you must complete and submit your application , fee payment, and dean's letter by the February 12, 2003 deadline. Don't wait until the last minute as your application must be notarized and submitted with a passport-type photo.

Need more information? Want a free copy of the FE Reference Book that will be used during the exam? Stop by the dean's office in 405 Russ and see Dick Rathbun, or call (937) 775-5001.

<b>BITs &amp; PCs</b> College of Engineering and Computer Science <b>Wright State University</b>		
<b>Dean</b> James E. Brandeberry, Ph.D., P.E.	<b>Editor</b> Jenny Garringer	
<p><i>BITs &amp; PCs</i> 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.</p> <p>The current issue of <i>BITs &amp; PCs</i> is available on the Web at <a href="http://www.cs.wright.edu/bitsandpcs/">http://www.cs.wright.edu/bitsandpcs/</a>. Copies are also available in the College office, any Department office, literature racks in the Russ Center Atrium, Russ Center Study Lounge, or the Student Club Room.</p> <p>The next issue of <i>BITs &amp; PCs</i> will be published the week of February 3, 2003. To submit items for this issue, call the College of Engineering and Computer Science at (937) 775-5001, or send email to <a href="mailto:ygarringer@cs.wright.edu">ygarringer@cs.wright.edu</a> by January 20, 2003. The College of Engineering and Computer Science reserves the right to edit all material for publication.</p>		

# SCHOLARSHIPS AND FELLOWSHIPS

The **Association of State Dam Safety Officials** is offering \$5,000 scholarships for the 2003-2004 school year. Recipients must be U.S. citizens and enrolled at the senior level in an accredited civil engineering program, or in a related field as determined by ASDSO. To qualify, students must have a cumulative grade point average of 2.5 for the first two years of college and be recommended by their academic advisor. They must also submit a typewritten essay on the topic: What is ASDSO and why is dam safety important. ASDSO will be the final determiner in each instance and will use guidelines such as academic scholarship, financial need, work experience/activities, and essay. Applications are available on the ASDSO's web site: [www.damsafety.org](http://www.damsafety.org). The application deadline is February 14, 2003.

The **National Academy for Nuclear Training** is accepting applications for \$2,500 scholarships for sophomores, juniors, or seniors enrolled in a four-year accredited institution and working towards a bachelor's degree in nuclear fission or electrical power-related fields. Electrical and mechanical engineering majors without nuclear or power options are eligible disciplines. To qualify students must be U.S. citizens, be full-time students, have 1-3 years left before graduation, and have at least a 3.0 GPA. For additional information and an application form, visit <http://www.nei.org> and click on *Careers & Education*. Applications must be postmarked by February 1, 2003.

The **National Security Education Program** is accepting applications for the David L. Boren Graduate Fellowships. These fellowships offer students a unique opportunity to expand their understanding of countries and languages critical to U.S. national security. Awards are made for a minimum of one and a maximum of six academic semesters (24 months). Overseas study is based on program expenses for a maximum of \$10,000 per semester for up to two semesters. The level of support for domestic study is flexible depending on the individual requirements of each appli-

cant. The total maximum level of support for a combined domestic and overseas program is \$28,000. Applicants must be U.S. citizens enrolled in or applying to a graduate degree program in an accredited U.S. college or university located within the United States. Applicants design their own programs and may combine domestic language and cultural study with overseas study. All Fellowships must include formal study of a modern language other than English and the study of an area and culture. Application deadline is January 31, 2003. If you are interested in learning more information visit [www.aed.org/nsep](http://www.aed.org/nsep). You may also contact the Boren Fellowships Program office by e-mail at [nsep@aed.org](mailto:nsep@aed.org) or by telephone at (800) 498-9360.

The **Ohio Board of Regents and The Washington Center (TWC)** provide individual \$4,000 scholarships to qualified students at Ohio institutions who wish to participate in TWC internships. Students work full-time for 10 weeks, 4 days per week. They attend a weekly class, fulfill community service activities, assemble a portfolio, and meet once a week with a placement supervisor. Special program events may include visits to embassies, the White House, presentations by dignitaries or other public figures, or openings of special exhibits.

Students live in high-rise apartment buildings in the Alexandria, Virginia area close to a Metro stop. Housing is furnished and includes cooking facilities. Housing is shared with at least one other participant. Positions are available for all majors. Interested students should read The Washington Center employer file in Career Services (E334 Student Union) or visit <http://www.twc.edu>. For more information, including deadlines for each quarter please contact Debra Wilburn in Career Service at (937) 775-2556 or via e-mail at [debra.wilburn@wright.edu](mailto:debra.wilburn@wright.edu).

The **U.S. Air Force Bioenvironmental Engineering Scholarship Program** is offering full-tuition scholarships for seniors and graduates students within one year of graduation. The Air Force will also reimburse for textbooks and other

supplies as well as supply the recipients with a monthly stipend of over \$1,000. Recipients are guaranteed employment for three years as a Bioenvironmental Engineer after graduation. U.S. citizenship is required.

For more information, contact:

TSgt Ed Lackey  
2940 Presidential Drive, Suite 160  
Fairborn, OH 45324-6210  
E-mail: [ed.lackey@rs.af.mil](mailto:ed.lackey@rs.af.mil)

The **U.S. Department of Energy** is accepting applications for the *Nuclear Engineering and Health Physics Fellowship Program*. Students with undergraduate degrees in the physical sciences, life sciences, or engineering are eligible to apply. The award is limited to 24 months for master's candidates and 48 months for doctoral candidates. Applicants must be either U.S. citizens or permanent resident aliens. Completed applications must be received by January 31, 2003 for fellowships beginning the following September. An application is made up of the following sections:

- Background Information and References (3)
- Statement of Applicant's Academic and Career Goals
- List of Current and Planned Courses
- Transcripts
- GRE Scores

More information on these programs, as well as an application form, can be found by visiting

[www.musc.edu/specialprograms](http://www.musc.edu/specialprograms)  
or by contacting Nancy Carder at (843) 792-1469 or [cardern@musc.edu](mailto:cardern@musc.edu).

Phil Flynn, the Engineering Librarian, is making himself available in Russ to anyone who may need help locating information or learning to use the library resources.

Russ Engineering Center Library  
404 Russ  
Thursdays  
2:00 p.m. to 4:00 p.m.

The **SOCHE Student Research Program** has several positions for undergraduate and graduate students available in the Materials Lab at Wright-Patterson Air Force Base. They offer flexible work schedules, career-related work experience in their state-of-the-art labs, and competitive wages while you learn (Sophomore: \$11.25/hr, Junior: \$12.65/hr, Senior: \$14.00/hr, Graduate: \$17.20/hr, Ph.D.: \$20.80/hr). Applicants must be degree seeking students in good standing with U.S. citizenship. No experience is necessary. The following positions are currently available at SOCHE:

**Project No. 11.1 - Alpha/Beta Heat Treatment of Ti-6Al-4V**

Majors: Materials Science, Chemical Engineering, Mechanical Engineering

Description: Optical and SEM metallography will be conducted on samples of Ti-6Al-4V (with a starting equiaxed-alpha microstructure) that have been given various heat treatments in the alpha/beta phase field. The heat treatment variables will include initial primary-alpha size/size distribution, peak temperature, cooling rate, and quench temperature. For each heat treatment, the volume fraction and size distribution of primary alpha will be determined using quantitative metallography techniques. The scatter in the data will be examined from a statistical viewpoint to establish quantitative relations between the microstructural features and the heat treatment variables.

**Project No. 28.1 - Infrared Materials Characterization**

Majors: Materials Science, Physics, Computer Science

Description: The student shall develop experimental techniques to characterize linear and non-linear infrared optical materials. The materials shall be characterized as a function of wavelength and temperature. The student must be able to use data automation software and become familiar with optical characterization techniques.

**Project No. TBA - Polymeric Materials**

Major: Chemistry

Description: The work required in this project involves hands-on, in-house research on synthetic organic polymers. This includes the synthesis of monomer precursors, monomers, model compounds and polymers. Evaluation techniques for the characterization of the materials will include IR, UV, and viscosity determinations.

**Project No. 36 - Nanoscopic Surface Preparation and Sensor Materials Characterization**

Majors: Chemistry, Materials Science, Physics

Description: Methods to influence the organization of atoms at the surface an interface of materials will be investigated. Current emphasis is on technological needs in the areas of materials and processing of electronic and optical materials, specifically quantum dot formation. This work may include the deposition of materials, the operation of materials characterization equipment (x-ray, electron and/or ion spectroscopy, AFM, etc.) under the direction of senior engineers to determine the chemistry, morphology and/or structure of the deposited materials, as well as, the design or modification of software on lab automation or data reduction computer systems.

**Project No. 37 - Atomistic and Continuum Modeling of Quantum Dot Structures**

Majors: Materials Science, Physics, Electrical Engineering, Computer Science

Description: Perform finite element calculations to determine the minimum energy shape of quantum dots as a function of dot volume, using commercially available finite element

software. Repeat these calculations at the atomic level by performing molecular dynamics calculation using a valence force field (VFF) potential. Develop this molecular dynamics code in MATLAB.

**Project No. 44 - Novel Materials Studies for Aircraft Coatings**

Majors: Chemical Engineering, Materials Science

Description: The work involves hands-on, in-house research of new coating materials for aircraft corrosion protection. The new materials to be investigated included sol-gel based surface treatments, hybrid sol-gel based thermal control coatings, and new aircraft paint systems. The work includes electrochemical and chemical analysis (EIS, SVET, FTIR, Raman, ESR, etc.), surface chemical analysis of coating materials, analysis of the effects of various treatments on aluminum alloys, and a variety of analytical studies directed to elucidate corrosion protection mechanisms. These surface studies include XPS and Auger analysis of alloy surfaces, analysis of alloy grain boundary chemistry, effects of surface treatments on the alloy grain boundary chemistry, and investigation of corrosion inhibitor mechanisms.

**Project No. 45 - Surface Analytical Studies of Aircraft Coatings**

Majors: Chemical Engineering, Materials Science

Description: The work involves hands-on, in-house research of metallic corrosion phenomenon and new coating materials. The new materials to be investigated included substrates sol-gel based surface treatments, hybrid sol-gel based thermal control coatings, and a variety of organic paint systems. The work includes surface chemical analyses (XPS, AES) of coating materials, analysis of the effects of various treatments on aluminum alloys, a variety of analytical studies directed to elucidate corrosion protection mechanisms, and chemical analysis (FTIR, Raman, ESR, etc.). These surface studies include chemical analysis of alloy surfaces, analysis of chemistry, and investigation of corrosion inhibitor mechanisms, all aimed at development of high performance corrosion protection systems.

**Project No. 51 - Micro-and Nano-Mechanical Testing Development**

Majors: Materials Science, Mechanical Engineering, Chemical Engineering

Description: Project consists of (1) fabrication of micro-samples using mechanical polishing and EDM machining methods (2) characterization of micro-samples using microtensile testing system and Scanning Electron Microscope (3) fabrication of nano-samples using state-of-the-art Focused Ion Beam-SEM (4) characterization of nano-samples using nanoindentation system and SEM.

**Project No. 52 - Research in Organic Optical Waveguides**

Majors: Physics, Electrical Engineering

Description: Synthesis, deposition and characterization of thin film waveguides. Characterization of waveguides will be carried out using a variety of techniques including model analysis, absorption measurements, ellipsometry, and profilometry. Data to be obtained may include refractive indices, nonlinear coefficients, electro-optic coefficients, and absorption coefficient.

Interested students can get an application via the SOCHE website at:

[www.soche.org](http://www.soche.org)

Applications must be submitted with a résumé and transcript. For more information, call the SOCHE office at (937)258-8894.

# CLUB NEWS



## Student Government

Hello, my name is Cayti Zelnio. I am the Student Government Senator for the College of Engineering and Computer Science (CECS). As Senator, I represent the voice of the students in the CECS. If you have any issues that you would like

for me to bring before Student Government, or anything that you would like to contact me about, feel free! My e-mail is zelnio.2@wright.edu.

I encourage everyone to get involved in the CECS clubs and the planning of National Engineers Week. This year looks to be the most exciting yet!! Be watching for updates in BITs & PCs from the engineering clubs. We will list important dates and events each month! Thank you!!



## American Society of Mechanical Engineers (ASME)

During winter quarter, ASME is planning on continuing their lunchtime speaker series. The seminars will take place in room 145 Russ Engineering Center and will run from 11:30 a.m. to 12:30 p.m. every other Wednesday. Currently seminars are scheduled for January 15th, January 29th, February 12th, February 26th, and March 12th. For more information contact Travis Michalak at michalak.2@wright.edu.



## Biomedical Engineering Society (BMES)

For winter quarter BMES will be holding meetings on the 2<sup>nd</sup> and 4<sup>th</sup> Thursday of each month beginning January 9th. They will be held in room 203 Russ Engineering Center at 6:00 p.m. For questions or more information contact Rahel Rudd at 775-6718.



## National Society of Black Engineers (NSBE)

NSBE would like to congratulate Gene Smith, Jr. and Tamara Walker for winning the NSBE Region IV Mr. and Ms. NSBE

Pageant. All meetings during winter quarter will begin at 7:00 p.m. and will be in the following locations:

Jan. 8	E163A SU	Feb. 12	E156 SU
Jan. 15	E163A SU	Feb. 19	E156 SU
Jan. 22	E156 SU	Feb. 26	E163A SU
Jan. 29	E156 SU	Mar. 5	E156 SU
Feb. 5	E156 SU	Mar. 12	E163A SU

For more information on NSBE contact Tanisha Williams at NSBEprezWSU@cs.com.



## Society of Women Engineers (SWE)

SWE would like to announce their newly elected officers for this year. The positions are as follows:

President - Renecia Joseph  
 Vice President - Linda Moore  
 Secretary - Cayti Zelnio  
 Treasurer - Andrea Thompson

Meetings for winter quarter have not yet been determined. For more information or to be placed on the SWE email list contact Renecia Joseph at joseph.11@wright.edu.



## Wright Engineering Council (WEC)

Recently WEC elected new officers for the 2002-2003 school year. The positions include:

President - Thomas Howell  
 Director of Engineering Activities - Michael Gessner  
 Director of Finance - Andrea Thompson  
 Director of Industrial Relations - Nick Campbell  
 Director of Publicity - Cayti Zelnio  
 Director of Freshman Relations - Linda Moore  
 Director of Graduate Relations - Renecia Joseph  
 Web Director - Anthony Halley

WEC would also like to give a special thanks to the 2001-2002 WEC Board of Directors for all of their hard work throughout the past year. Last year's directors were: President - Linda Moore, Director of Engineering Activities - Thomas Howell, Director of Finance - Bekah Puterbaugh, Director of Industrial Relations - Nick Campbell, Director of Publicity - Cayti Zelnio, Director of Graduate Relations - Craig Baudendistel, Web Director - Tom Patterson, and Director of Internal Affairs - Andrea Thompson.

A special congratulations is also needs to go out to the Member and Director of the Quarter for Fall Quarter 2002, Michael Gessner and Thomas Howell respectively.

Meetings for winter quarter will be held on Monday nights at 7:00 p.m. in 405 Russ Engineering Center.

To be added to the WEC e-mail list contact Cayti Zelnio at zelnio.2@wright.edu. Also visit the WEC website at [www.cs.wright.edu/cecs/clubs/wec](http://www.cs.wright.edu/cecs/clubs/wec) for additional information on activities, meetings, and pictures.

**Are you a CECS organization and want to have information about your club posted here? Contact Jenny Garringer at [jjgarringer@cs.wright.edu](mailto:jjgarringer@cs.wright.edu).**

# ATTENTION SENIORS

## Do you have plans to attend grad school in Fall 2003?

You are encourage to apply for a full tuition scholarship from the Dayton Area Graduate Studies Institute (DAGSI). Applications and complete details are available at [www.dagsi.org](http://www.dagsi.org).

**IMPORTANT:** You must apply and be accepted to WSU's School of Graduate Studies (SOGS) before the March 15, 2003 scholarship application deadline.

To apply to SOGS please see:  
[www.cs.wright.edu/gs/admissioninfo.html](http://www.cs.wright.edu/gs/admissioninfo.html)

No DAGSI applications will be accepted from students who have not received "Conditional" or "Regular" admission from SOGS by March 15, 2003.

### Suggested Time Line for Seniors

#### Interested in DAGSI

ASAP

Mid January

Late January

Early February

Mid February

March 15, 2003

Late March

Apply to the School of Graduate Studies  
Check with your department and/or advisor to make certain your admittance status is either "Regular" or "Conditional"

Begin making requests for letters of refernce from professors/advisors/employers. You must turn in 2 reference letters with the DAGSI scholarship application no later than March 15, 2003.

Finalize paperwork required by SOGS to ensure that you have been admitted to your program of study, as either "Regular" or "Conditional."

Complete DAGSI Scholarship Applications and forward it to the Dean's Office, 405 Russ Engineering Center. (See application for complete mailing address)

**Final deadline for scholarship application forms.**

Receive notification of your award from the DAGSI office

Applications are now being accepted for



**DAGSI**  
**Competitive**  
**Scholarships**

for the 2003-2004 academic year.

Visit

**[www.dagsi.org](http://www.dagsi.org)**

to get a downloadable application form.

For more information, contact:

College of Engineering and Computer Science  
Office of the Dean

405 Russ Engineering Center

Phone: (937) 775-5001

Email: [dean@engineering.wright.edu](mailto:dean@engineering.wright.edu)

Scholarships provide full tuition for both full-time and part-time study in the M.S. and Ph.D. programs. Full-tuition scholarships with an annual assistantship (\$15,000) are available for full-time Ph.D. students.

Applicants must be admitted into the WSU School of Graduate Studies in an engineering or computer science program of study before their DAGSI application can be processed. **Please Note:** The graduate school admission process may take 2-3 weeks to complete.

Completed DAGSI Competitive Scholarship applications must be submitted by **5:00 PM on March 15, 2003**, to Room 405 Russ Engineering Center.

## ***Upcoming Events***

If you are interested in co-oping during Spring or Summer Quarter, then the Engineering and Computer Science Co-Op Recruiting Day is just right for you. Approximately 25-30 area companies will have tables setup in the atrium of the Russ Engineering Center.

### ***Engineering & Computer Science Co-Op Day***

***Thursday, January 23, 2003***

***1:30 p.m. to 4:30 p.m.***

***Russ Engineering Center Atrium***

In order to participate in the co-op day, you must be registered with Career Services. For more information contact Kim Gilliam in Career Services at (937)775-2556 or via email at [kim.gilliam@wright.edu](mailto:kim.gilliam@wright.edu).

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Office of the Dean

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College of Engineering and Computer Science

