



BITS & PCs

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

February 2001 Wright State University Dayton, Ohio 45435 Vol. 17 No. 5

Important Dates

- February 18-24
National Engineers Week
- February 19
CECS Open House for high school students, 1:00 PM - 5:00 PM
- February 23
Last day for freshmen to drop a class with a record of "W"
- February 24
Campus Visitation Day, 9:00 AM - Noon
- March 1
Last day to apply for June graduation
- March 12
Last day of Winter Quarter classes
- March 13-17
Final Exam Week
- March 26
First day of Spring Quarter classes
- April 13
Last day to drop a class without a grade
- April 27
Last day for all but freshmen to drop a class with a record of "W"

National Engineers Week Festivities



The 2001 celebration of National Engineers Week will take place during the week of February 18–24, 2001. Be sure to mark your calendars now and plan to join in on all the activities.

National Engineers Week is celebrated annually by thousands of engineers, teachers, engineering students, and leaders in government and business. E-Week was founded in 1951 by the National Society of Professional Engineers and is celebrating its 50th anniversary this year.

The Department of Mechanical Engineering is hosting a Trebuchet Contest in conjunction with National Engineers Week on Friday, February 23, 2001, in the Student Union Atrium from 9:00 AM to 1:00 PM. Contestants must create a trebuchet, which is a medieval siege engine, and battle against other trebuchets in the competition. The contest is open to both high school and college students. If you are interested in competing in the contest or would like to volunteer some of your time to assist in the competition, please contact Dr. Joe Slater at (937) 775-5085 or via email at jslater@cs.wright.edu. To learn more about trebuchets or the competition, visit <http://www.engineering.wright.edu/TEAMS/TEAMSTrb.html> where you'll find contest criteria and links to other interesting trebuchet sites.

A proposed schedule of events is listed on page 2. Other club events may develop before E-Week, so keep an eye out for more details later. If you have any suggestions for new E-Week activities, please contact Jenny Garringer in 405 Russ at (937) 775-5004. Your interest and suggestions are greatly appreciated.

Co-Op Recruiting Day: Big Success

The 2001 Co-Op Recruiting Day held in the Russ Center on January 25th was an enormous success. Employees from over 30 area companies were in attendance to recruit students for positions available during spring and summer quarters. Over 260 professionally-dressed, résumé-toting students attended the afternoon event. Jack Butler, Assistant Director of Career Services, was in charge of coordinating the companies attending the event. He has hopes of recruiting an even larger number of companies to attend future Co-Op Days.



Companies participating in the event included Adroit Systems, Airborne Express, A.O. Smith, Bass Inc., Circuit Center, Cooper Tools Apex, Copeland, Ethicon Endo-Surgery, Gasper Corporation, Greater Dayton IT Alliance, Heapy Engineering, Honda, International Truck and Engine, Lexis Nexis, MacAulay Brown, Motoman, NAIC, NCR, Parker Hannifin Corporation, Qualia Computing, Reynolds & Reynolds, SOCHE, Software Architects, Standard Register, SDRC, Speedway SuperAmerica, Systran Corporation, The Ohio Department of Transportation, and WPAFB.

The next Co-Op Recruiting Day will be held on Thursday, July 26th and employers will be seeking students for fall or winter quarter positions.

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

National Engineers Week Schedule of Events

Event	Date and Time	Location
Penny Wars*	All week	All Department Offices
CECS Open House	Monday, 2/19, 1:00–5:00 PM	Russ Center Atrium
Club Fair	Monday, 2/19, 2:00–4:00 PM	Russ Center Atrium
CO ₂ Car Race	Tuesday, 2/20 at 2:30 PM	TBA
Gathering at the Railing (G.A.T.R.)	Wednesday, 2/21 at Noon	Russ Center Atrium
Nerd Fashion Show	Wednesday, 2/21 (right after G.A.T.R.)	Russ Center Atrium
Trebuchet Contest	Friday, 2/23, 9:00 AM–1:00 PM	Student Union Atrium
ASME Bowling Party at Beaver-Vu Bowl**	Friday, 2/23, 11:00 AM–1:00 PM, meet at 10:45 AM	Meet in Russ Atrium
High School Egg Drop	Friday, 2/23, 1:00 PM	Russ Center Atrium
NSBE High School Outreach	Friday, 2/23, Time TBA	TBA

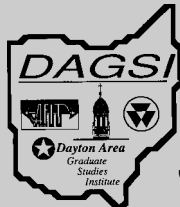
*Proceeds will benefit the Isaac Weiss Memorial Scholarship.

**Sign-up sheets will be available in the Department of Mechanical Engineering.

Cost involved: \$4.00 to bowl two games and the price of shoes is included.



Applications are now being accepted for



DAGSI
Competitive
Scholarships

for the 2001-2002 academic year.

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 to the WSU School of Graduate Studies in an engineering or computer science program of study by March 15, 2001, in order to be eligible for these scholarships.

Completed DAGSI Competitive Scholarship applications must be submitted by 5:00 PM on March 15, 2001, to Room 405 Russ Engineering Center.

Visit

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

The
Association of Iron and Steel Engineers
Ohio Valley District Section

presents

YOUNG ENGINEERS' NIGHT

Tuesday, February 20, 2001

Cincinnati Marriot North
6189 Muhlhauser Road
West Chester, Ohio 45069

Refreshments start at 6:15 PM
followed by dinner at 7:00 PM.

Presentations from
AK Steel and Matrix Technologies
will begin at 7:30 PM.

WSU students and faculty
are invited to attend free-of-charge.

Interested students and faculty should RSVP by
Friday, February 16, 2001 to:

Dick Rathbun

405 Russ

(937) 775-5001

drathbun@cs.wright.edu

For additional information regarding AISE, visit their
website at: <http://www.aise.org>

SCHOLARSHIPS AND FELLOWSHIPS

The Texas Space Grant Consortium and NASA are accepting applications for *graduate fellowships*. The fellowships were established to encourage graduate study in the fields of space science and engineering. Applications from women and underrepresented students are encouraged. Each award of \$5,000 is good for one year and may be renewed for a maximum of three years. Applicants must be U.S. citizens and be registered for full-time study in a graduate program at a Consortium institution. Fellowship applications should be submitted by 5:00 PM on February 16, 2001. For more information and an application, visit <http://www.tsgc.utexas.edu/grants>.

The Texas Space Grant Consortium and NASA are also accepting applications for *undergraduate scholarships*. These scholarships were established for junior and senior-level students interested in space-related education and research. The \$1,000 scholarships stress: above-average academic performance, participation in space education and research projects, and exhibited leadership qualities. Participation by members of underrepresented groups is encouraged. Applicants must be U.S. citizens. Applications must be submitted by 5:00 PM on April 6, 2001. For more information and an application, visit <http://www.tsgc.utexas.edu/grants>.

The Goddard Space Flight Center's Laboratory for High Energy Astrophysics (LHEA) is offering a limited number of student research opportunities for the summer of 2001. These opportunities are designed to encourage an interest in Astronomy and Astrophysics research by enabling selected students to pursue specially tailored research projects in conjunction with scientific mentors within the Laboratory. Students must commit for the full ten-week period (June 11–August 17, 2001). Selected students will be compensated between the rate of \$8-\$10 per hour for forty hours per week. In addition, the Universities Space Research Association will reimburse travel expenses for participants needing to relocate to the Greenbelt, MD area. Local housing will be provided as needed.

Applications should be sent electronically to ssro@gvsp.usra.edu using Word 97 format or PDF format and should include the following items:

- Name and Current Address
- Daytime and Evening Telephone Numbers
- Permanent Address (if different than current)
- Email Address
- Citizenship/Type of Visa
- Birth Date
- Education (please include the degree you are currently pursuing and expected completion date)
- Dates that your spring semester ends and fall semester starts
- Curriculum Vita or Resume
- Explain your interest in the program, your career goals, and relevant work experience. Provide a brief description of your research interests and any project that you are interested in pursuing at NASA. A project may or may not have been

developed in conjunction with a LHEA Scientist. Your description is to better help us understand your interests, background, and capabilities.

- Official transcripts and two letters of recommendation. These items must be mailed under separate cover to:

SSRO Program Coordinator
Universities Space Research Association
7501 Forbes Boulevard, Suite 206
Seabrook, MD 20706

and must be received by SSRO no later than February 12, 2001.

The Oak Ridge Institute for Science and Education (ORISE) is recruiting *minority undergraduate and graduate engineering* students for internships in the Washington, DC metro area and in field throughout the country for the period of June 4, 2001 through August 10, 2001. Students will receive a stipend of \$375 to \$490 per week depending upon school classification. Interested students should submit a complete application and résumé by February 23, 2001. Applications are available in 405 Russ Engineering Center.

The Professional Engineers in Government, a practice division of the National Society of Professional Engineers, announces its 2001 Management Study Fellowship. This \$2,500 fellowship is awarded annually to an engineer pursuing advanced studies in the field of management. It is available to any Engineer Intern or licensed Professional Engineer from any discipline. Applicants who are not U.S. citizens may apply if they are current NSPE members. The application must be submitted to NSPE/PEG and be postmarked no later than March 15, 2001. For additional information and an application form, visit the NSPE web page at:

<http://www.nspe.org/awards/ab2-awfel.asp>

The Wright State University School of Medicine is offering a Summer Research Program for undergraduate and graduate students which takes place from June 10 – August 10, 2001. The purpose of the program is to stimulate the interest of *minority* students in a biomedical research career. Students participate in projects with School of Medicine faculty covering a wide spectrum of activities. The areas of focus include Cellular/Molecular Biology, Endocrinology/Hypertension, and Cardiovascular Epidemiology. The program involves participation in a research project, a seminar series, a journal club, career counseling and a research symposium where the students present their research findings. The students are provided with a stipend of \$1,224 per month, housing in WSU apartments, and are reimbursed for transportation costs. For more information, students can contact Ms. Andrea Blair, at (937) 775-2395 or via email at andrea.blair@wright.edu. Students can also visit the Department of Pharmacology and Toxicology's website at <http://www.med.wright.edu/streams/>. Applications can be submitted directly on the website or via mail.

***ITRI* Faculty-Graduate Student Seminar**

February 9, 2001

11:00 AM

145 Russ Engineering Center

**Content-Based Retrieval
in Video Databases**

by

Dr. Wasfi Al-Khatib

Wright State University
Department of Computer
Science and Engineering

ABSTRACT

Multimedia databases have been the subject of extensive research for the last ten years. In particular, indexing and knowledge-based representation of semantics associated with video databases is a challenging task. This research focuses on addressing issues related to event modeling, query formulation, and query-processing algorithms for video data. The objective is to develop viable solutions for content-based retrieval of video data. We will briefly describe our proposed formal model that is based on Hierarchical Petri-Nets for building video database management systems. Then we will present in more detail our proposed techniques for processing video queries. We evaluate the performance of these techniques and present our results.

***College of Engineering
and Computer Science***

Open House

MONDAY, FEBRUARY 19, 2001

1:00 PM - 5:00 PM

RUSS ENGINEERING CENTER LOBBY

held in conjunction with

NATIONAL ENGINEERS WEEK

FEBRUARY 18–24, 2001

- √ Learn about our engineering and computer science programs
- √ Tour our state-of-the-art facilities and the WSU campus
- √ Obtain information about admissions, financial aid, and cooperative education
- √ Receive a copy of our Employment Guarantee
- √ Hear a special presentation at 1 PM on "How to Choose a College"

For more information:

Phone: (937) 775-5001

Email: dean@engineering.wright.edu

or visit us on the web at

<http://www.engineering.wright.edu>

BITs & PCs

College of Engineering and Computer Science
Wright State University



Dean

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

Editor

Jenny Garringer

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 Web at <http://www.cs.wright.edu/bitsandpcs/>. 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.

The next issue of *BITs & PCs* will be published the week of March 5, 2001. To submit items for this issue, call the College of Engineering and Computer Science at (937) 775-5001, or send email to jgarringer@cs.wright.edu by February 19, 2001. The College of Engineering and Computer Science reserves the right to edit all material for publication.

SOCHE Student Research Program

SOCHE has several positions for undergraduate and graduate students available in the Materials Lab at WPAFB. They offer flexible work schedules, career related work experience in their state-of-the-art labs and competitive wages (Soph. \$10.40/hr; Jr. \$11.65/hr; Sr. \$13.00/hr; Grad. \$15.90/hr). Applicants must be degree seeking students in good standing with U.S. citizenship. Positions available include the following:

Project No. 289 - Nondestructive Evaluation Support

Major: Physics, Electrical Engineering, Comp. Science
Description: The student will need to learn existing inspection techniques, acquire data with them, and become familiar with what constitutes defects signals. It is likely that C++ algorithms will have to be written to convert data from one format to another and to analyze the data.

Project No. TBA - Development of Discontinuously Reinforced Ti Alloys

Major: Materials Science
Description: The work involved with this project shall include: preparation of samples; mechanical characterization of development alloys; preparation of metallographic samples; optical microscopy; scanning electron microscopy; X-ray diffraction and transmission electron microscopy. Analysis of the data collected will be performed.

Project No. 199B - High Cycle Fatigue of Titanium and Nickel Base Superalloys

Major: Mechanical Engineering
Description: Experiments will be conducted on titanium and polycrystalline nickel base superalloys under High Cycle Fatigue (HCF) at different stress ratios to determine the crack initiation and propagation properties. Data will be collected and analyzed to determine stress states and criteria for crack initiation and extension. Finite element modeling of test geometries will be conducted.

Project No. 212B - Formulation, Processing, and Characterization of Aircraft Coatings

Major: Chemistry, Chem. Engineering, Materials Science
Description: The work required in this project involves hands-on, in-house research of advance coating formulations and testing. This includes the formulation of advance primers and topcoats through the use of novel and commercial resins, hardeners, pigments, and additives. Characterization of the materials would include adhesion testing, gloss testing, scratch testing, spectroscopic methods and viscosity determinations.

Project No. 248B - Analysis of Stress and Strain Behavior of Ceramic Matrix Composites

Major: Mechanical Engineering, Materials Science
Description: A round robin was performed in which nine laboratories conducted room temperature tension tests on a Nicalon fiber reinforced Silicon-Nitro-Carbide ceramic matrix composite. Each laboratory conducted ten tests, and the stress versus strain traces were provided electronically to AFRL/MLLN. Draft Test Standards from ASTM will be used. Work will require extensive use of computers, with emphasis of spreadsheets, macros, and statistical methods.

Project No. 253 - Characterization of Mechanical Behavior of Advanced Materials

Major: Materials Science, Mechanical Engineering
Description: The focus of this research is to develop the

life prediction methodology of advanced materials, such as titanium alloys, ceramics, matrix and metal matrix composites including investigation of damage mechanisms under various mechanical and thermal loads, as well as to understand the fretting fatigue and related cracking issues of high temperature titanium alloys when subjected to high cycle fatigues using experiments and mathematical model techniques.

Project No. 254 - Bi-directional Reflectance Distribution Function Measurement System

Major: Electrical Engineering, Physics
Description: Investigate the bi-directional reflectance distribution function (BRDF) of several different materials, including those used in land and space-based vehicles. The student will design the experiments, integrate test equipment, perform the experiments, analyze the test data, and conduct analysis based on the experiments. The student should have knowledge in the following areas: LabView, GPIB Programming, Matlab, optics, and radiometry.

Project No. 259 - Finite Element Material Fatigue Failure Predictions Under Turbine Engine Operating Condition

Major: Aeronautical/Mechanical Engineering, Comp. Sci.
Description: Assist in the analysis of various plate configurations acted upon by forcing functions during fatigue failure. This analysis will be carried out making use of an in-house finite element vibration code and the results will be compared with ABAQUS. The major goal is to develop a novel vibration-based method for assessing materials under fatigue loading in a turbine blade environment.

Project No. 263 - High Temp. Superconducting Wires for Power Generation: Pulsed Laser Deposition Plume Dynamics

Major: Electrical Engineering, Mat. Science, Physics
Description: The student would assist in one of two major research projects that are being undertaken: (1) develop advanced optical diagnostics for process monitoring of YBCO deposition and (2) investigate plume dynamics and collisional kinetics to develop a better understanding of the gas phase mechanisms and film growth.

Project No. 273 - Characterization of Friction Stir Welded Materials

Major: Materials Science, Mechanical Engineering
Description: Friction stir welded aluminum based materials and titanium alloys will be analyzed for microstructure using optical and scanning electron microscopy. Heat treatments and microhardness measurements will be performed in the weld zones and compared to the base material to obtain relationship between microstructure and strength of the material.

Project No. 283 - HCF and Near-Threshold Crack Growth Behavior of Turbine Engine Materials

Major: Mechanical Engineering, Materials Science
Description: Experiments will be conducted on titanium and single crystal nickel base superalloys under HCF and mixed-mode loading utilizing a wide range of loading configurations. Data will be collected and analyzed to determine stress states and criteria for crack initiation and extension.

Interested students can visit the SOCHE website at: <http://www.soche.org> to get an application. Applications must be submitted with a resume and transcript. For more information, call (937) 910-5808.

FACULTY

A C T S

Maher Amer, Ph.D., ME, has published a paper (with L. Schadler and H. Wagner) entitled "Residual Compression Stress Profile in High Modulus Carbon Fiber Embedded in Isotactic Polypropylene by Micro-Raman Spectroscopy," which appeared in *Applied Composite Materials*, Vol. 7, 209-217, 2000. Dr. Amer was recently added to the Lexington Who's Who List for his work in micro-Raman spectroscopy and solid mechanics. In addition, Dr. Amer has been invited by the American Ceramic Society to give a lecture reviewing his micro-Raman spectroscopy work in the field of composites and thin film mechanics during their annual meeting in Indianapolis in April 2001.

Abdul Awwal, Ph.D., CSE, has received additional funding in the amount of \$9,574 from Oak Ridge National Laboratory for his proposal entitled "Fast Opto-Electronic Floating Point Multiplication."

Oscar Garcia, Ph.D., CSE, has received funding in the amount of \$30,000 from the Ohio Supercomputer Center for his proposal entitled "Summer Institute for Advanced Computation 2000."

Ardeshir Goshtasby, Ph.D., CSE, has received additional funding in the amount of \$60,000 from Kettering Medical Center for his proposal entitled "Nonlinear Brain Image Registration."

Ramana Grandhi, Ph.D., ME, has received additional funding in the amount of \$40,000 from the Department of Defense, the Air Force, and the Air Force Research Laboratory for his proposal entitled "Object-Oriented Multidisciplinary Design."

James Menart, Ph.D., ME, has received funding from the SelectTech Services Corporation in the amount of \$20,274 for his proposal entitled "Plasma Transport Property Measurement for Mach 6 Wind Tunnel."

T. K. Prasad, Ph.D., CSE, has received funding from Cohesia Corporation in the amount of \$75,000 for his proposal entitled "Computer-Assisted Document Interpretation Tools."

Scott Thomas, Ph.D., ME, has received additional funding in the amount of \$35,000 from the Department of Defense, the Air Force, and the Air Force Research Laboratory for his proposal entitled "Aircraft Mechanical/Thermal Technology Research."

Mitch Wolff, Ph.D., ME, was one of 127 AIAA members promoted to the rank of Associate Fellow in AIAA, joining Dr. Ramana Grandhi as the only WSU Associate Fellows. Dr. Wolff attended the Associate Fellows Awards dinner at the 39th AIAA Aerospace Sciences Meeting in Reno, Nevada on January 8, 2001. In addition, he was the session chair of the Jet Flows II sessions on January 11, 2001.

Are you looking for a co-op or internship?

Are you looking for a full-time position after graduation?

If the answer is YES, then visit the

NEW

Career Services Display Case

Engineering and computer science students can now find employment opportunities listed in the Career Services Display Case, which is located on the 1st floor of the Russ Engineering Center across from the Student Study Lounge. For more information, contact Jack Butler in Career Services at (937) 775-2556 or via email at jack.butler@wright.edu.

Check it out!!



Fall 2000 Dean's List



BIOMEDICAL ENGINEERING

Joyce Bevington Highest Honors
 Amy Bierce Highest Honors
 Joseph Blake Highest Honors
 Marian Dickey Highest Honors
 Sharon Dillhoff High Honors
 Rachel Doyle Honors
 Douglas Fisher Highest Honors
 Adam Fournier Highest Honors
 Christy Harm Honors
 Andrea Horstman High Honors
 Timothy Hudson High Honors
 Erica Johnson Honors
 Ryan Justice Highest Honors
 Michael Kahelin High Honors
 Maria Kahle Highest Honors
 Brian Kandell High Honors
 Tiffany Kelley Highest Honors
 Harvey Lewis Highest Honors
 Adam Renner High Honors
 Matthew Roberts Highest Honors
 Ruzbeh Shariff High Honors
 Erin Tewksbury Highest Honors
 Jenna Warman High Honors
 Kristina Weaver High Honors
 Beth Wirick Honors
 Catherine Zelnio Highest Honors

COMPUTER ENGINEERING

Paul Anderson Highest Honors
 Chad Apple Highest Honors
 William Archer High Honors
 Edmund Cordray Highest Honors
 Bryan Crader Honors
 Kevin Daniel Honors
 Jason Gilder High Honors
 Eric Hamilton High Honors
 Tamanna Husain High Honors
 Kaiser Hussain Honors
 George Kehias High Honors
 Mathias Kohnen Highest Honors
 Patrick McClure Highest Honors
 James McKinney Highest Honors
 Justin Moore Highest Honors
 Robin Murphey High Honors
 Michael Peterson Highest Honors
 Gregory Stall Honors
 Kip Streithorst Highest Honors
 Matthew Verock Honors
 Jason Wright Highest Honors

COMPUTER SCIENCE

Gaurav Bedi Honors
 Brian Benning Honors
 Lisa Bowman Honors
 Rachel Dalton Highest Honors
 Jacob Diemer High Honors
 William Ettenne Highest Honors
 Matthew Farney High Honors
 Lindsay Ferguson High Honors
 Stephen Finkelstein High Honors
 Amir Fligler Highest Honors
 Alan Frazier Highest Honors
 Daniel Graham Honors
 David Green Honors
 Rodney Hepfner Honors
 David Johnson Highest Honors
 David Light Highest Honors

Christina Price High Honors
 Joshua Rice High Honors
 Dennis Williams Highest Honors
 Joshua Williams Honors

ELECTRICAL ENGINEERING

Michael Bistline High Honors
 Jerry Burns Honors
 Casey Canan Highest Honors
 Dale Cull Highest Honors
 Ben Douglas Honors
 Matthew Floyd Highest Honors
 Robert Gillen High Honors
 Boris Holowko Highest Honors
 Michael Hood Honors
 Julie Jackson Highest Honors
 Eugene Johnson III High Honors
 Jason Knapp Highest Honors
 Justin Laux Honors
 Ya Li Honors
 Jason McCullough High Honors
 Lee Patton Honors
 Zachary Riepenhoff Highest Honors
 Samuel Sink High Honors
 Gregory Zelinski Highest Honors

HUMAN FACTORS ENGINEERING

Sara Johnson Honors
 Jennifer Stowe High Honors
 Kelly Treat High Honors

INDUSTRIAL AND SYSTEMS ENGINEERING

Rami Arafat Honors
 Bianca Brown High Honors
 Amanda Campbell Highest Honors
 Elizabeth Chadwell Highest Honors
 Renecia Joseph High Honors
 Emily Kempfer High Honors
 Christina Snyder High Honors

MATERIALS SCIENCE AND ENGINEERING

Gary Barr Honors
 Lisa Douglas High Honors
 Sean Gleeson Honors
 Joshua James Highest Honors
 Joseph Kell Highest Honors
 Jacob Lawson Highest Honors
 Robert Reuter Honors
 Robert Smith Honors
 John Welter High Honors

MECHANICAL ENGINEERING

Erin Bernard Honors
 Ovidio Bocanegra High Honors
 Jenny Broering Highest Honors
 Jeremy Buxton High Honors
 Joseph Cyrus High Honors
 Mary Fowler Highest Honors
 Eric Gasser Honors
 David Gerschutz Highest Honors
 Sean Henderson High Honors
 Timothy Hutton High Honors
 Brian Koesters High Honors
 Andrew Kurpik Honors

Jeremy Ling High Honors
 Michael Maddux High Honors
 Mark Mcintire Highest Honors
 Travis Michalak Highest Honors
 Edward Morris Highest Honors
 Zachary Osborn Honors
 Gregory Palm High Honors
 Aaron Powell Highest Honors
 Vincent Prinzo High Honors
 Stephanie Puterbaugh Highest Honors
 Jason Reber Honors
 Shawn Riley Honors
 Eric Roush Highest Honors
 Jason Ruge High Honors
 Brian Runyon Honors
 Oleg Shiryayev Highest Honors
 Joshua Szarek High Honors
 Lawrence Thomas High Honors
 Shawn Uhlenhake High Honors
 Gregory Updike High Honors
 Ryan Wagner High Honors
 Lindsay Walthall High Honors
 Patrick Wenning Highest Honors

PRE-BIOMEDICAL ENGINEERING

Anthony Sabatini Highest Honors
 Amanda Whetstone Highest Honors

PRE-COMPUTER ENGINEERING

Roberta Borokowski Honors
 Shannon Henry Highest Honors
 Linda Moore Highest Honors
 Jeremy Natale High Honors
 Brian Potchik High Honors
 Christopher Sielski Highest Honors
 Jason Ward Honors
 Kim-Ying Wong Honors

PRE-COMPUTER SCIENCE

James Arnold High Honors
 Robert Bever Highest Honors
 Thomas Boehnlein High Honors
 Eric Brenner Honors
 Angela Fry High Honors
 Robert Gauden Honors
 Joseph Kirby Highest Honors
 Alexander Lux High Honors
 Nathaniel Ormbrek High Honors
 Thomas Patterson Honors
 Krista Poll Highest Honors
 John Tobe High Honors
 Jeffrey Vondruska Honors

PRE-ELECTRICAL ENGINEERING

Kristen Anderson High Honors
 Navid Baraty High Honors
 Matthew Casto Highest Honors
 Benjamin Denlinger High Honors
 Eric Elchert High Honors
 Stephen Felix Highest Honors
 Jacob Plasters Highest Honors
 Simon Tritschler High Honors
 Daniel Wells Highest Honors

PRE-ENGINEERING PHYSICS

Dean Brown Highest Honors
 Weston Earick Honors
 Andrea Thompson Honors

PRE-HUMAN FACTORS ENGINEERING

Jeanica William Honors

PRE-MECHANICAL ENGINEERING

Andrew Fleming High Honors

UNIVERSITY DIVISION

Chaitanya Bandlamudi High Honors
 Todd Benanzer High Honors
 Kyle Bledsoe Highest Honors
 Justin Bohrer Highest Honors
 Peter Buxa High Honors
 Mark Chaplin Honors
 William Day, III Honors
 Lucas Deborde High Honors
 Jessica Fox Honors
 Brendhan Goss Highest Honors
 Elizabeth Gumbert Honors
 Allen Hena Honors
 Joan Henley High Honors
 Dallas Holbrook Honors
 Thomas Howell Honors
 Thelia Jackson Highest Honors
 Andrew Kondrath High Honors
 Jason Kremer High Honors
 Carmelo Lamancusa High Honors
 Daniel Lemaster Highest Honors
 Sylvere Mbarusha Honors
 Joseph McDonald High Honors
 Paul McDowell High Honors
 Ryan McGinnis High Honors
 Luke McKellar High Honors
 Adam Mercer Honors
 Scott Muhlenkamp Honors
 Herbert Mullens Highest Honors
 Faridal Mutalib Highest Honors
 Ghesu Ndefru Highest Honors
 Jeremy Nelson Highest Honors
 Trunali Patel Highest Honors
 Naina Pothini High Honors
 Jason Royse Honors
 Christina Schrider Honors
 Kenneth Selz High Honors
 Kristen Shiverdecker Honors
 Adam Sorna Honors
 Hetal Thakkar Highest Honors
 Laurie Thompson High Honors
 Steven Thompson Honors
 Cory Trenkamp Highest Honors
 Harshit Varia Highest Honors
 Michael Varney Honors
 James Weichey Highest Honors
 Anthony Wentzel High Honors
 Jerrald Willis Honors

Career Services' On-Campus Interview Schedule for Winter Quarter

Fifth Third Bank

Systems Analyst

Recruiting Interview Date: 2/13/01

Systems Analysts work in a team environment where primary responsibilities are to design, upgrade and maintain the technical systems used by both Fifth Third Bank and MMPS. We perform both online and batch application programming using primarily COBOL, Assembler, and C++ languages in an IBM parallel processing environment as well as PC Programming in Visual C++ and Java.

Parker Hannifin Corp.

Engineering Co-op

Recruiting Interview Date: 2/13/01

Location: Columbus, Ohio

The student will work with product and project engineers in the Product Engineering department of the Tube Fittings Division of Parker Hannifin Corp. TFD designs, manufactures and markets high-pressure hydraulic fittings for the industrial market.

Medical Mutual of Ohio

Programmer Analyst

Recruiting Interview Date: 2/22/01

Location: Cleveland, Ohio

We have entry-level, application programming positions open which emphasize mainframe COBOL. We provide an extensive twelve-week training program that includes mainframe skills, IS procedures, and information about Medical Mutual and the Insurance industry. Programmers are given assignments to develop and modify application programs, determine the impact of requested changes on existing systems, and help develop and install new systems.

Siemens Energy & Automation Motion Control Systems

Computer Engineers – Full-time and Interns

Recruiting Interview Date: 2/26/01

Location: Lebanon, Ohio

IET, Inc.

Industrial Engineer

Recruiting Interview Date: 2/27/01

Location: Eastern United States (Offices in Middletown and Toledo, OH; Grand Rapids, MI; Amherst, New York and High Point, North Carolina)

We provide consulting services for a great variety of manufacturing industries and perform a wide variety of traditional or classical industrial engineering duties. Some of them include time studies, motion studies, delay studies, facility and workstation layouts, cost analysis, and many others.

Software Architects, Inc.

Technology Consultant

Recruiting Interview Date: 2/27/01

Location: Cincinnati, Columbus, Cleveland, Dayton, OH

Our consultants enjoy working on projects in one of our practice areas, using a variety of technologies such as Visual Basic, PowerBuilder, C, C++, Visual Interdev, Active Server Pages, SQL Server, Java, ActiveX, Perl, and HTML. Enjoy a supportive environment where your abilities are recognized and your efforts make a difference.

NOTE: On-Campus Interviews are scheduled via *The Wright Search*, Career Services web-based program. To have access to *The Wright Search*, students and alumni must attend an orientation at Career Services. Orientations are held every Monday at 10:00 AM, Tuesday at 5:30 PM, Wednesday at Noon, and Thursday at 3:00 PM in E334 Student Union. Reservations are not required to attend an orientation.

Office of the Dean

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College of Engineering and Computer Science

