MISSISSIPPI STATE UNIVERSITY

Mississippi State University invites applications for several tenure-track faculty positions in the Department of Electrical and Computer Engineering; all ranks will be considered. Applicants should have a strong background in one of the following areas: (1) analog and mixed signal circuits and systems, (2) computer systems, including both hardware and software experience. A Ph.D. and a clear potential for distinguished performance in undergraduate and graduate teaching are required. Individuals will be expected to demonstrate ability to conduct sponsored research in one of the above areas and industrial experience is highly desirable. Applications will be accepted until positions are filled. Send resume and list of three references to Dr. G.M. Molen, Department of Electrical and Computer Engineering, Box 9571, Mississippi State, MS 39762. MSU is an AA/EÖE.

BYU

Applications are invited for tenure-track faculty positions. Applicants must have a Ph.D. and strong research orientation to support the Ph.D. and M.S. programs. For more information, see http://www.cs.byu.edu. Send curriculum vitae to E. Daniel Johnson, 3362 TMCB, BYU, Provo, Utah 84602. BYU is an EEO/AA employer with preference for LDS candidates.

TOYOTA TECHNOLOGICAL INSTITUTE AT CHICAGO

Computer Science at TTI-Chicago

Toyota Technological Institute (TTI-Japan) is founding a new Department of Computer Science (TTI-Chicago) adjacent to the University of Chicago campus. Applications are invited for tenure-track and tenured faculty positions at all ranks. TTI-Chicago will have exclusive use of the interest on a fund of $100 million being set aside by TTI-Japan for this purpose. TTI-Chicago will be dedicated to basic research, education of doctoral students, and a small masters program. Faculty members will receive continuing research grants and will have a teaching load of at most one course per year. TTI-Chicago will have close ties with the Computer Science Department of the University of Chicago.

Initial faculty appointments will commence in Autumn 2003, though some appointments may begin earlier by mutual agreement. The Department is projected to grow to a steady-state of thirty faculty by 2007.

Faculty are particularly sought with research programs in:

- computational geometry
- databases and data mining
- human-computer interaction
- large-scale scientific simulation
- machine learning
- networking and distributed computing
- software and programming systems
- theoretical computer science

An advisory committee from the University of Chicago and Argonne National Laboratory will recruit the founding faculty, who will then assume leadership to determine the character of the department.

For more information, contact: Mr. Frank Inagaki Treasurer and Secretary to the Board Toyota Technological Institute at Chicago finagaki@uchicago.edu

WRIGHT STATE UNIVERSITY

Assistant, Associate, Full & Non-Tenure Track Faculty Positions

The Department of Computer Science and Engineering at Wright State University seeks applicants for tenure track Associate, Associate or Full Professor positions and for non-tenure track positions as Instructor or Lecturer. The Department resides in the College of Engineering and Computer Science and offers B.S., M.S. and Ph.D. degrees both in Computer Science and Computer Engineering. Candidates for these positions are expected to have an earned Ph.D. (except for the Instructor/Lecturer position for which an M.S. and admissibility to our Ph.D. program are required) in computer science, computer engineering, or a closely related field and evidence of scholarship in that field appropriate to the position. Associates and Full Professor applicants should have a distinguished record in computing, demonstrating strong leadership in both research and teaching, commensurate with the rank. There is specific interest in faculty specializing in networking, operating systems, particularly in parallel and real-time applications, and in bioinformatics. However, all high quality applicants will be considered regardless of their field of specialization.

The Computer Science and Engineering Department is one of four departments in the College of Engineering and Computer Science. The Department currently has 24 faculty members, 525 undergraduate majors, and more than 125 M.S. and 35 Ph.D. students. It is housed in a new, attractive, engineering building with fully networked Unix and NT environments, an Origin 2000 supercomputer, an NCR4800 Teradata machine, and excellent research laboratories. Wright State University, an institution of 16,000 students, is located on a spacious campus with a significant area of protected green space in a growing high-technology suburban community. It is surrounded by commercial (NCR, Lexis-Nexis, Reynolds & Reynolds, Mead, etc.) and government (WPAFB) research and development facilities. The University is proactively committed to industrial and government partnerships for research and economic development ventures and has established the Information Technology Research Institute closely aligned with the CS&E Department. The Department receives special support for enhancement of its graduate program from WSU, and the Ohio Board of Regents. Last year, the Department received $5.3M in externally sponsored research. A variety of affordable and pleasant living environments, schools and parks, attractive to professionals and their families, are conveniently located close to the campus.

Applicants should clearly indicate the position for which they are applying, including the rank sought, and provide a brief statement of their research and teaching interests and goals. They should include a complete vitae with names, addresses, telephone numbers and e-mail addresses of at least three references, documentation of teaching abilities, plus any additional supporting information that they would like to provide. Salaries are highly competitive. Address applications to the University of Chicago and Argonne National Laboratory will recruit the founding faculty, who will then assume leadership to determine the character of the department.

Initial faculty appointments will commence in Autumn 2003, though some appointments may begin earlier by mutual agreement. The Department is projected to grow to a steady-state of thirty faculty by 2007.

Faculty are particularly sought with research programs in:

- computational geometry
- databases and data mining
- human-computer interaction
- large-scale scientific simulation
- machine learning
- networking and distributed computing
- software and programming systems
- theoretical computer science

An advisory committee from the University of Chicago and Argonne National Laboratory will recruit the founding faculty, who will then assume leadership to determine the character of the department.

For more information, contact: Mr. Frank Inagaki Treasurer and Secretary to the Board Toyota Technological Institute at Chicago finagaki@uchicago.edu

SUBMISSION DETAILS: Rates are $25.00 per line (ten lines minimum). Average five typset words per line, eight lines per column inch. Add $10 for box number. Send copy at least one month prior to publication date to: Marian Anderson, Classified Advertising, Computer Magazine, 10662 Los Vaqueros Circle, PO Box 3014, Los Alamitos, CA 90720-1314; (714) 821-8380; fax (714) 821-4010. Email: manderson@computer.org.

In order to conform to the Age Discrimination in Employment Act and to discourage age discrimination, Computer may reject any advertisement containing any of these phrases or similar ones: “…recent college grads…,” “…1-4 years maximum experience…,” “…up to 5 years experience,” or “…10 years maximum experience.” Computer reserves the right to append to any advertisement without specific notice to the advertiser. Experience ranges are supposed minimum requirements, not maxims. Computer assumes that since advertisers have been notified of this policy in advance, they agree that any experience requirements, whether stated as ranges or otherwise, will be construed by the reader as minimum requirements only. Computer encourages employers to offer salaries that are competitive, but occasionally a salary may be offered that is significantly below currently acceptable levels. In such cases the reader may wish to inquire of the employer whether extenuating circumstances apply.
The Computer Science Department invites applications for a tenure track position at the Assistant or Associate level to begin Fall 2003. We seek an enthusiastic individual, committed to excellent teaching and continued scholarship. A Ph.D. in Computer Science, Computer Engineering, or a closely related field is required. While candidates in all areas of specialization will be considered, we especially welcome applicants with expertise in networking, computer engineering, operating systems or algorithms.

Loyola is a Catholic, Jesuit, selective liberal arts university that values scholarly excellence as well as personal growth and service to others. The school has been regarded nationally for the commitment to the support of technology and is ranked among the top five northern universities by US News and World Report. We offer undergraduates both a BS in Computer Science, ABET-CSAC accredited since 1989, and a more flexible BA. We also offer a Masters in Computer Science in a newly reorganized graduate program. Most of the nine members of the Computer Science Department teach on both the undergraduate and graduate level. The CS faculty functions in a collegial, cohesive manner; classes are small (fewer than twenty students in most upper-division CS classes), and opportunities for personal contact with students are plentiful. We have been especially successful involving undergraduates in faculty research projects, with research funding from NSF, NASA and NIH among other sources.

A successful candidate at the Associate level would be expected to take a leadership role in enhancing and developing the graduate program with the possibility of serving as program director. The Washington/Baltimore area is a national center of high technology industry anchored by the technical needs and expertise of federal government agencies. Our graduate students come from industry, federal agencies and military branches, as well as undergraduate backgrounds, bringing an exciting mix of experience, professional objectives, and academic opportunities to classes.

To apply, please forward a current CV with the names, addresses, and phone numbers of three references to: Dr. Roger Eastman, Computer Science Department, LOYOLA COLLEGE IN MARYLAND, 4501 N. Charles Street, Baltimore, Maryland 21210-2699. Before a campus visit, we will request that you forward formal letters of recommendation and official transcripts.

Loyola is located in the northern suburbs of Baltimore, close to many professional, recreational, and cultural opportunities. Loyola is a Jesuit Catholic institution which welcomes applicants from all backgrounds who can contribute to our unique educational mission. Loyola is an equal opportunity employer which seeks applications from women and members of minority groups. More information is available at www.du.edu/cas and www.cs.loyola.edu.
The University of New Orleans enrolls over 17,000 students, is an urban public university, and is a member of the Louisiana State University system. The Computer Science Department has over 700 undergraduate majors, and its bachelor's degree program is accredited by the Computing Commission of ABET. The Department initiated a masters degree program in Fall 1991, which has since grown to some 80 students. The Department also participates in a multidisciplinary doctoral program in engineering and applied science.

The Research Institute for Children is a newly established, well-funded, academic collaboration based at Children's Hospital of New Orleans. A 60,000 sq. ft state-of-the-art research building was dedicated in February of this year. The research focus is host-pathogen interactions in the causation of human disease.

Applicants should send a resume and the names of at least three references to: Search Committee, Department of Computer Science, University of New Orleans, New Orleans, LA 70148. E-mail: search@cs.uno.edu. Applications will be accepted until the positions are filled. Women and minorities are especially encouraged to apply. The University of New Orleans is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF OKLAHOMA
Faculty Position in Computer Science for Intelligent Aerospace Systems

The School of Computer Science, in collaboration with the School of Aerospace and Mechanical Engineering, invites applications for a new faculty position with an emphasis in Intelligent Aerospace Systems. Successful candidates will support a multidisciplinary effort to incorporate a new Intelligent Systems component in the Aerospace Engineering degree program and will be expected to develop and teach courses common to both Computer Science and Intelligent Aerospace Systems. Applicants must hold a Ph.D. in a relevant area and must have experience or training in the aerospace field. Research areas of interest include, but are not limited to, intelligent design, autonomous systems, and embedded systems and software. The School of Computer Science (CS) and the School of Aerospace and Mechanical Engineering (AME) are two of seven schools in the College of Engineering committed to a common vision: to produce graduates sought among the first by academia, industry and investors for excelling in a rapidly changing technology-driven world at all levels of engineering, education and management. The College strategy includes development of multidisciplinary partnerships, innovative learning technologies, and a balanced mix of publicly and privately funded research. The School of CS and the School of AME offer ABET-accredited B.S. degree programs in Computer Science, Aerospace Engineering, and Mechanical Engineering, as well as M.S. and Ph.D. degrees in each field. CS has a faculty of twelve, about 350 undergraduates, and about 125 graduate students. AME has 19 faculty positions, about 500 undergraduates, and approximately 100 graduate students. Further details about the two schools can be obtained at www.cs.ou.edu and www.ame.ou.edu. Applicants are requested to submit a letter of intent along with a curriculum vitae and the names and addresses of three references to the address below. Applications will be reviewed as they are received; the search will continue until the positions are filled.

Chair, Intelligent Aerospace Systems Search Committee
College of Engineering
202 West Boyd Street
Carson Engineering Center, Room 107
Norman, Oklahoma 73019
Phone: (405) 325-2621
Fax: (405) 325-7508
e-mail: dlshirley@ou.edu

The University of Oklahoma is a comprehensive university located in Norman,
LOUISIANA STATE UNIVERSITY
Assistant/Associate/Full Professor
(One or more positions)
Electrical and Computer Engineering

- Required Qualifications: Ph.D. or equivalent degree in electrical or computer engineering or related field; demonstrated potential for excellence in teaching and research. Responsibilities: teaches undergraduate and graduate courses in electrical or computer engineering and conducts research in the areas of individual interest. Salary is competitive and will be commensurate with qualifications and experience. Anticipated hire date is January 2003. Application deadline will be November 15, 2002, or until positions are filled. Submit letter of application and resume to:

Kemin Zhou, Interim Chair
Electrical & Computer Engineering
102 South Campus Drive
Louisiana State University
Baton Rouge, LA 70803
Phone: (225) 578-5244
Fax: (225) 578-5244

MCKIM@ICU.AC.KR
Tel: +82-42-866-6100,
Fax: +82-42-866-6110

UNIVERSITY OF PENNSYLVANIA
Department of Computer and Information Science
Lecturer Positions

The University of Pennsylvania invites applications for the position of Lecturer in Computer Science to start July 1, 2003. Lecturer duties include undergraduate and graduate level teaching. The position is for one year and is renewable annually up to three years. Successful applicants will find Penn to be a stimulating environment conducive to professional growth. The Department of Computer and Information Science is undergoing a major expansion, including new faculty positions and a new building, Levine Hall, with completion this academic year. In fall 2001 we started a new Master of Computer and Information Technology (MCIT). The MCIT is designed for candidates who have a strong academic background in areas other than computer science but who have a need for graduate education in computer science or a closely related discipline. Completion of MCIT program will give the graduate a solid foundation in computer science, providing the advanced expertise needed to meet the demands of the rapidly growing field of information technology. MCIT graduates will be ready to enter the IT workforce, or will find new opportunities in continuing their education. The MCIT program will also prepare students for further graduate education in computer science.

The University of Pennsylvania is an Ivy League University located near the center of Philadelphia – the 5th largest city in the US. Within walking distance of each other are its Schools of Arts and Sciences, Engineering, Medicine, Nursing, Law, Business and Fine Arts. The University campus and its surroundings in Philadelphia benefit from a rich diversity of cultural opportunities as well as attractive urban and suburban residential neighborhoods.

SCHRÖDINGER
To apply, please complete the form located on the Faculty Recruitment Web Site at:
http://www.cis.upenn.edu/positions/faculty_application.html

Electronic applications are strongly preferred, but hard-copy applications (including the names of at least four references) may alternatively be sent to:

Chair, Lecturer Search Committee
Department of Computer and Information Science
School of Engineering and Applied Science
University of Pennsylvania
Philadelphia, PA 19104-6389

Applications should be received by March 1, 2003 to be assured full consideration. Applications will be accepted until positions are filled. Questions can be addressed to faculty-search@central.cis.upenn.edu.

The University of Pennsylvania is an Equal Opportunity/Affirmative Action Employer. The Penn CIS Faculty is sensitive to “two–body problems” and would be pleased to assist with opportunities in the Philadelphia region.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
Department of Computer Science

The Hong Kong University of Science and Technology is a technological university dedicated to the advancement of learning and scholarship, with special emphasis on research, postgraduate education, and close collaboration with industry and business. The University comprises four Schools: Science, Engineering, Business & Management, and Humanities & Social Science. The medium of instruction is English.

The Department of Computer Science in the School of Engineering has a number of faculty positions open at all levels for the 2003-2004 academic year. It currently has 40 faculty members recruited from major universities and research institutions around the world, and about 600 undergraduate students, and about 200 postgraduate students. More information about the Department can be found at our Web site.

The Department is looking for faculty members with research interests in, but not limited to, the following areas: data mining, pervasive and ubiquitous computing, Internet computing, graphics, HCI, multimedia systems, bioinformatics, security, software engineering, and wireless/mobile computing. Ample research funding is available through government agencies and industry-sponsored research institutes at the University.

Applicants should have a Ph.D. degree and demonstrated potential in teaching and research. Senior applicants must have excellent teaching and research records.

Salary and benefits are very competitive with generous fringe benefits. Assistance in housing will be provided where applicable. Initial appointments will normally be on a three-year contract, renewable subject to mutual agreement. A gratuity will be payable on satisfactory completion of the contract.

All applications should be sent through email including a cover letter, curriculum vitae (with at least three names of referees), research statement, and teaching statement (all in pdf format) to csrecruit@cs.ust.hk. Priority will be given to applications received by January 31, 2003.

Applicants will be promptly acknowledged through email upon receiving the electronic application materials. All inquiries should be sent to:

Head, Department of Computer Science
The Hong Kong University of Science & Technology
Clear Water Bay, Kowloon,
HONG KONG
Fax: (852) 2358 2679
Email: csrecruit@cs.ust.hk
Web page: www.cs.ust.hk

AUBURN UNIVERSITY
Electrical and Computer Engineering
Tenure Track Faculty Position

The Auburn University ECE Department, Auburn, Alabama, currently has an opening for a tenure track faculty member with expertise in Computer Engineering. Particular areas of interest include but are not limited to Computer Architecture, Computer Networking, Hardware Description Languages, Rapid Prototyping, VLSI Design, Design Verification and Test. The department has significant ongoing research in hardware design and test in cooperation with the Alabama Microelectronics Science and Technology Center. Candidates must plan to develop a research program and support the teaching responsibilities in the ECE department. The appointment is expected to be made at the Assistant Professor level, although well-suited senior candidates may also be considered. The position is available starting Fall 2002. Over the next several years, the department expects to add additional faculty in Computer Engineering.

A Ph.D. in Computer Engineering, Electrical Engineering or closely related field is required. Appointments above the rank of Assistant Professor will require evidence of individual and collaborative research through publications in internationally recognized journals and a successful record as principal investigator on externally funded grants and contracts. The candidate must be able to communicate effectively, both orally and in writing. Rank and salary are commensurate with education and experience. The candidate selected for this position must be able to meet eligibility requirements for work in the United States.

Minorities and Women are encouraged to apply.

Resumes will be evaluated upon receipt. Interested persons should send resumes by mail to:
Professor Richard C. Jaeger
Faculty Search Committee Chair
Electrical and Computer Engineering
Auburn University, AL 36849-5201
Phone: 334-844-1871
Fax: 334-844-1809
Web address: http://www.eng.auburn.edu/department/ece/

Auburn University is an equal opportunity and affirmative action employer.

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO
Tenure Track Faculty Positions
Computer Science/Computer Engineering

Assistant/Associate Professor, full-time, tenure track, beginning Fall 2003. Duties include teaching core undergraduate courses, and upper-division and master's level courses in a specialty area; performing research in a mainstream area of computer science; and service to the Computer Science Department, the university, and the community.

Specific expertise is sought in one or more of the following areas: computer architecture, embedded systems, networking, operating systems, and software engineering. Applicants in other areas of expertise are also encouraged to apply. A doctorate in computer science or closely related field is required.

Candidates must have a strong commitment to teaching excellence and laboratory-based instruction, a broad-based knowledge of computer science, and dedication to continued professional development. Demonstrated ability in written and oral use of the English language is required. Rank and salary are commensurate with qualifications and experience.

Cal Poly's Computer Science Department offers BS and MS degrees in Computer Science. Cal Poly emphasizes “learn by doing”, which involves extensive lab work and projects in support of theoretical knowledge. The available computing facilities for instructional and faculty support are modern and extensive. For further information about the department and its programs, see www.csc.calpoly.edu.

Inquiries should be directed to the Recruitment Committee, Computer Science Department, Cal Poly, San Luis Obispo, CA 93407 (refer to Recruitment Code 4327); Tel. (805) 756-2824; e-mail: csrecruit@cs.csc.calpoly.edu. Review of applications will begin on November 1, 2002; applications received after that date may be considered. For full consideration, candidates are required to submit: (1) completed application form, (2) statement of goals and plans for teaching and research, (3) three letters of reference, and (4) transcripts.

A BS degree in Computer Engineering is jointly offered by the Computer Science
and Electrical Engineering departments. For information about positions in Computer Engineering, please contact Ann Wilenius, Computer Engineering Program, Cal Poly, San Luis Obispo, CA 93407 (refer to Recruitment Code 4528); Tel. (805) 756-1229; e-mail awilenius@calpoly.edu.

Cal Poly faculty position ads are posted at http://www.academic-personnel.calpoly.edu/facpositions.html. Cal Poly is strongly committed to achieving excellence through cultural diversity. The university actively encourages applications and nominations of all qualified individuals. EEO

UNIVERSITY OF MINNESOTA, Minneapolis, Minnesota

THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING has two faculty openings in COMPUTER ENGINEERING.

The Department invites applications and nominations for tenure-track or tenured positions in computer engineering. Specialties of particular interest include computer architecture, networks, hardware-software codesign, VLSI, and embedded systems.

A successful candidate is expected to establish a vigorous funded research program and teach at the undergraduate and graduate levels. The requirements for these positions include an earned Doctorate in an appropriate discipline at the time of the appointment and outstanding academic and research records. Rank and salary will be commensurate with the qualifications and experience of the selected candidate. Applications and nominations should be sent with a resume containing the names of three references to:

Chair, Faculty Recruiting Committee
Department of Electrical and Computer Engineering
University of Minnesota
200 Union Street SE
Minneapolis, MN 55455

Positions are available for immediate occupancy.

The University of Minnesota is an equal opportunity educator and employer.

See our web site http://www.ece.umn.edu for further information about the department and additional faculty openings in other areas.

EASTERN WASHINGTON UNIVERSITY

Computer Science: Tenure-track position at all levels in Computer Science with an emphasis in networks and cyber security to begin January 2003. A PhD in Computer Science or a closely related field and demonstrated excellence in teaching required. Experience in collaborative research preferred.

We are an equal opportunity/affirmative action employer, and applications from members of historically underrepresented groups are especially encouraged. The successful candidate will be required to pass a background check and to show proof of eligibility to work in the U.S. pursuant to U.S. immigration laws.

Send vitae and contact information of 3 references, at least one of whom can address your teaching ability, to: Margo Stanzak, Eastern Washington University, 202 CSB, Cheney, WA 99004-2412.

MISSISSIPPI STATE UNIVERSITY
Search Extended Faculty Positions in Computer Science

The Department of Computer Science (http://www.cs.msstate.edu) is seeking to fill several open positions for tenure-track faculty at the Assistant/Associate Professor levels. A Ph.D. in computer science or a closely related field is required by date of appointment. Areas of particular interest are computer security, graphics and visualization, scientific computing, networking and high performance computing, software engineering, and artificial intelligence. Applicants with outstanding credentials in other areas are also encouraged to apply. Demonstrated excellence in research and potential for excellence in teaching at both the graduate and undergraduate levels and external research funding are required. Mississippi State University is the largest university in the State of Mississippi with approximately 925 faculty and 15,500 students. The Department of Computer Science has 21 faculty positions and offers academic programs leading to the bachelor’s, master’s and doctoral degrees in computer science and a bachelor’s degree in software engineering. There are 27 Ph.D. students in the doctoral program. Seven new faculty have been recognized by NSF CAREER awards. Department research expenditures total around two million dollars per year.

Approximately 270 majors are enrolled in the undergraduate computer science and software engineering programs. The Department cooperates with the Department of Electrical and Computer Engineering in offering bachelor’s, master’s and doctoral degrees in Computer Engineering, and participates in the interdisciplinary program in Computational Engineering leading to master’s and doctoral degrees. Faculty and graduate students work with a number of on-campus research centers including the Center for Computer Security Research http://www.cs.msstate.edu/~security/, the Engineering Research Center http://www.erc.msstate.edu, the Diagnostic and Instrumentation Laboratory http://www.dial.msstate.edu/, and the Life Sciences and Biotechnology Institute http://www.mfaes.msstate.edu/biotech/. Mississippi State is ranked 57th among public universities in the nation by the National Sci-
Electronic applications are strongly preferred, but hard-copy applications (including the names of at least four references) may alternatively be sent to: Chair, Faculty Search Committee Department of Computer and Information Science School of Engineering and Applied Science University of Pennsylvania Philadelphia, PA 19104-6389 Applications should be received by January 15, 2003 to be assured full consideration. Applications will be accepted until positions are filled. Questions can be addressed to faculty-search@central.cis.upenn.edu.

The University of Pennsylvania is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF PENNSYLVANIA
Department of Computer and Information Science
Faculty Positions

The University of Pennsylvania invites applicants for tenure-track appointments in both experimental and theoretical computer science to start July 1, 2003. Senior level appointments will also be considered. Faculty duties include undergraduate and graduate level teaching as well as research.

Successful applicants will find Penn to be a stimulating environment conducive to professional growth. The Department of Computer and Information Science is undergoing a major expansion, including new faculty positions and a new building, Levine Hall, with completion this academic year. Over the last year, we have successfully recruited faculty in artificial intelligence, computer architecture, databases, distributed systems, machine vision, programming languages, and security. We are now especially interested in candidates in computer architecture, computational biology, cryptography, embedded systems, and graphics and animation, but we will consider seriously applications by outstanding candidates in all areas at all levels, especially those who complement our current strengths in algorithms, artificial intelligence, databases, formal methods, machine vision, and networking and distributed systems.

The University of Pennsylvania is an Ivy League University located near the center of Philadelphia, the 5th largest city in the U.S. Within walking distance of each other are its Schools of Arts and Sciences, Engineering, Medicine, the Wharton School, the Annenberg School of Communication, Nursing, Law, and Fine Arts. The University campus and its surroundings in Philadelphia benefit from a rich diversity of scientific, educational, and cultural opportunities, major technology-driven industries such as pharmaceuticals and aerospace, as well as attractive urban and suburban residential neighborhoods. Princeton and New York City are within commuting distance.

To apply, please complete the form located on the Faculty Recruitment Web Site at: http://www.cis.upenn.edu/positions/faculty_application.html

SOFTWARE ENGINEER
(Unisys - Roseville, MN)

Under supervision, develop & support software products comprising the communication software component of 2200 Series & HMP-IX systems incl participation in definition & design reviews. Use C++ language to code design specs. Reqts. Bachelor's or Masters Degree in comp sci, communications or closely related field. Must have strong academic bkgd incl graduate course work in data structures, advanced info sys for business, real time sys, object oriented patterns, compiler construction, info storage, retrieval & C++. 40 hrs/wk 8-5; Salary commensurate w/exp. Send resume to IEEE Computer Society, 10662 Los Vaqueros Circle, Box # COM15, Los Alamitos, CA 90720.

NORTH SUBURBAN CHICAGO
SENIOR UNIX ADMINISTRATOR

Manages multiple local and remote UNIX environments. Coordinates and supervises the maintenance and operation of system hardware. Develops and executes detailed work plans to install and upgrade UNIX Operating System and other software products within UNIX environment. Evaluates, recommends and implements enhancements and upgrades to existing systems. Assumes responsibilities as team leader on group assignments. Mentors and trains junior technology staff members. Analyzes and solves advanced hardware and software system problems within UNIX environment that cannot be resolved by operators or application development staff. Provides support for appropriate management considerations for conversions, upgrades or new installations of hardware. Develops and maintains design and support documentation for current and proposed UNIX infrastructures. Requirements: Bachelor's degree or foreign academic equivalent in computer science/engineering or related field; 4 years experience as Senior UNIX Administrator or 4 years experience as UNIX administration or consulting. Applicants must show proof of legal authority to work in the U.S. NO CALLS - Send 2 copies of both resume and cover letter to: ILLINOIS DEPARTMENT OF EMPLOYMENT SECURITY 401 South State Street – 7 North Chicago, Illinois 60605 Attention: Leonard Boksa Reference # V-IL 33139 – B AN EMPLOYER PAID AD

ETH ZURICH
Assistant Professor in Computer Science (Software and Hardware Systems)

We are looking for a colleague who pursues a research program in the area of hardware/software systems, e.g., the interface between hardware and software, and between the architecture of computer and communication systems.

The professor shall form and lead a research group, supervise graduate students, and engage in teaching in her/his own field of research as well as in core computer science courses. We expect the willingness and ability to cooperate with existing research groups, e.g., in electrical engineering; the successful candidate is expected to show internationally recognized research credentials and first experience in teaching.

Assistant professorships have been established to promote the careers of...
young scientists. The initial appointment is for three years, with the possibility of one renewal for three additional years. Please submit your application together with a curriculum vitae, list of publications, names of at least three referees, and a short overview of your research interests to the President of ETH Zurich, Prof. Dr. O. Kübler, ETH Zentrum, CH-8092 Zurich no later than November 30, 2002. The ETHZ specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

General information about the Department of Computer Science of ETH Zurich can be found at [http://www.inf.ethz.ch/](http://www.inf.ethz.ch/). Questions concerning this open position can be addressed to Prof. P. Widmayer, Head, Department of Computer Science, CH-8092 Zurich (e-mail: widmayer@inf.ethz.ch).

**UNIVERSITY OF CINCINNATI**

The Department of Electrical & Computer Engineering and Computer Science invites applications and nominations for Assistant/Associate Professor positions in Computer Engineering and Computer Science, although appointment at higher rank will be considered for candidates with exceptional qualifications. Areas of interest include, but are not limited to, 1) VLSI and design automation, 2) programming languages and algorithms, and 3) networks and distributed systems. Candidates must have earned Ph.D. degrees in Computer Science, Computer Engineering, or a closely related field, and have the commitment to develop significant funded research programs and to provide effective instruction at the undergraduate and graduate levels.

The ECECS Department offers undergraduate programs and M.S. programs in Computer Science, Computer Engineering, and Electrical Engineering, and offers the Ph.D. in Computer Science & Engineering and in Electrical Engineering. The Department has 45 full-time faculty, 350 full-time graduate students and 550 undergraduate students, and awards approximately 35 M.S. and 15 Ph.D. degrees per year. Research and education programs are well-funded, with annual research funding over $6M. The Department has well-equipped research and teaching laboratories, and occupies 45,000 square feet of space including research laboratory space in a new Engineering Research Center. For additional information please see the departmental web site at [http://www.ececs.uc.edu](http://www.ececs.uc.edu).

The University is completing a major building campaign designed to make it one of the finest urban settings in American higher education. The City of Cincinnati has been identified as one of the most livable cities in America, with excellent cultural and entertainment opportunities, a moderate cost of living, and a wealth of housing options.

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA**

The Department of Electrical and Computer Engineering invites applications for available tenure-track faculty positions (Assistant or Associate professor). Applicants must have either (1) Ph.D. in either Electrical Engineering, Computer Engineering, or a related area with acceptable applied research, or (2) Ph. D. in either Electrical Engineering, Computer Engineering, or a related area with one year of industrial experience, or (3) A.M. in either Electrical Engineering, Computer Engineering or a related area with a minimum of 5 years of industrial experience. Qualified candidates must demonstrate potential for exceptional teaching (undergraduate and graduate), actively continue their professional development and possess good written and verbal communications skills. Candidates selected for interview will be required to make a scholarly presentation to the faculty/staff/students. Successful candidates must be committed to working with diverse student and community populations. EOE/AA Employer. Cal Poly Pomona hires only individuals lawfully authorized to work in the U.S. and accepts degrees only from accredited educational institutions. Please be certain that all necessary materials are postmarked by November 15, 2002 when initial review of applications will begin. Applications postmarked after November 15, 2002 will be placed in a second pool, which will be considered if the first pool does not fill the positions. The positions will remain open until filled. Further information can be found on the department web site: [http://www.csu.pomona.edu/ee/position.html](http://www.csu.pomona.edu/ee/position.html) Application packages can be requested via e-mail: semore@csu.pomona.edu, or (909) 869-2511 or FAX (909) 869-4687.

**UNIVERSITY OF WASHINGTON, BOTHELL**

**Professor and Director, Computing and Software Systems Program**

Applications and nominations for Professor and Director of the Computing and Software Systems (CSS) Program are invited. CSS offers a computer science and software engineering-based BS degree and plans to offer a career transition MS degree in the near future.

Qualifications include: ability to guide the program during its formative growth and development; demonstrated academic and professional leadership and collaboration; minimum two years experience in program development and management; earned doctorate in technology-related field; scholarly record commensurate with appointment as full professor; commitment to excellence in education; ability to attract external funding. Responsibilities include: faculty leadership and development, as usually provided by a department chair, participation in campus leadership with fellow academic program directors, collaboration with local industry; program administration; campus-wide planning; business and community relations; and limited teaching. Applicants from all technology-related disciplines will be considered. Salary is competitive.

Please send CV; references; and a letter describing leadership and administrative experience, strategies to encourage excellence in teaching and research, program development record, and experience working collaboratively with faculty. Priority deadline is November 1, 2002. Send materials to: Chancellor's Office, Box 358520; CSS Program Search Committee; UW UW Bothell, 18115 Campus Way NE, Bothell, WA 98011. http://www.barethall.washington.edu/CSS/ For a full position description: [http://www.washington.edu/admin/eeo/ads](http://www.washington.edu/admin/eeo/ads) The UW is an EO/AA employer.

**SYSTEMS ANALYST**

Systems Analyst customizes, designs, & analyzes Tivoli systems for IBM requirements. Req BS in Comp Sci or Eng + 3 yrs exp administering UNIX & Tivoli. Foreign degree acceptable. Requires placement at multiple worksites across the U.S. Send resumes to: CXC, Attn: Adam, 3223 3rd Ave. S., Seattle, WA 98134.

**EAST STRoudSBURG UNIVERSITY**

Department of Computer Science

East Stroudsburg University is seeking applications for a full-time tenure track faculty position beginning Fall 2003 for the Department of Computer Science. Requirements: Master’s in Computer Science or a related field, Ph.D. strongly preferred; strong software experience. Final determination will be based upon successful interview, which will include a teaching demonstration performance. Preferred: College teaching experience in Computer Science and expertise in computer architecture and operating systems. The successful candidate will be expected to provide leadership at both the graduate and undergraduate levels. The department has a long history of participation in applied sponsored research. Rank and salary are commensurate with experience. The university is located in the scenic Pocono Mountains with easy access to New York City and Philadelphia. Transcripts required at time of employment. All candidates must furnish proof of eligibility to work in the U.S. upon appoint-
Miamí University

Computer Science and Engineering Faculty

The School of Engineering and Applied Science seeks applicants for faculty positions in computer engineering, computer science, and electrical engineering beginning fall 2003. The School of Engineering and Applied Science is in the beginning stages of a significant expansion of its engineering programs. Miami University, located 35 miles north of Cincinnati, has 14,000 undergraduate and 1,800 graduate students. Miami has recently been recognized as a top value in higher education by The Fiske Guide to Colleges 2003 and the Kaplan-Newsweek College Catalog 2003; was again named a “Public Ivy” in the “The Public Ivies: America’s Flagship Universities”; and was ranked 28th among national public universities in the US News & World Report 2002 college rankings.

Director of Electrical Engineering and Computer Engineering Programs

The Director of Electrical and Computer Engineering programs will lead the implementation of new undergraduate majors in these two newly approved engineering programs, with the goal of establishing a new department. Candidates are also expected to teach, advise students, and carry out a program of scholarship in their area of expertise. A doctorate in electrical engineering, computer engineering, computer science, or a related field is required.

Send resume, three letters of reference, and vita status (if applicable) to: Dr. Richard G. Prince, Search Committee Chairperson, Department of Computer Science, East Stroudsburg University, East Stroudsburg, PA 18301-2999. Full consideration will be given to applications received by December 1, 2002. ESU is an equal opportunity employer. Minorities and women are strongly encouraged to apply. Visit our homepage at www.esu.edu.

DATABASE APPLICATIONS DEVELOPER

MS in IS/Comp Sci (or BS in IS/Comp Sci plus 5 yrs exp) reqd. Exp w/ SQL Server 2000, UniVerse, DataStage, Cognos reqd. Develop & maintain custom software applications; design & maintain various databases. Clearwater, FL. Fax resume to: Dir. of IS at 727-524-9354. EOE

INDIANA UNIVERSITY

Computer Science Department Faculty Positions

The Indiana University Computer Science Department anticipates filling several tenure-track faculty positions beginning 2003-2004. Areas of interest are databases, embedded systems, networking and programming languages. In addition our new, privately endowed, pervasive technology labs will be hiring several senior positions in the areas of graphics, human computer interaction, embedded systems, data mining and security.

The CS department, which is part of the College of Arts and Sciences, is working cooperatively with our new School of Informatics, which offers a B.S. degree focusing on the application of information technology to various disciplines and has M.S. programs in Human Computer Interaction, and Bio and Chemical Informatics. Cross-appointments with Informatics are possible in computer science related areas such as data mining and search technologies.

A Ph.D. in Computer Science is required for all CS faculty positions. Applicants must have demonstrated potential for excellence and productivity in research. In addition, a strong contribution to the educational mission of the department is expected.

The department occupies a spacious limestone building with extensive state-of-the-art computing facilities. The attractive wooded campus of Indiana University is located in Bloomington, chosen as one of the most cultural and livable small cities in the US, and only one hour from the Indianapolis airport. To learn more about the department please visit our web site at www.cs.indiana.edu.

Please send a detailed CV and a list of references to:

Faculty Search
Computer Science Department
Indiana University
Lindley Hall 215
Bloomington, IN 47405-7104
email: search@cs.indiana.edu

Indiana University is an Equal Opportunity/Affirmative Action Employer. The Computer Science Department strongly encourages applications from women and minorities.

UNIVERSITY OF CALIFORNIA, IRVINE

The Department of Information and Computer Science (ICS) at the University of California Irvine (UCI) is seeking excellent candidates for several tenure and tenure-track positions in a wide range of areas including Mobile & Ubiquitous Computing, Networked & Embedded Systems, Security & Cryptography, Large Scale Data Analysis, Software & Information Systems Engineering, Interactive & Collaborative Technologies, Arts & Computation. ICS expects to grow substantially over the next decade and will be recruiting new faculty each year. Thus, outstanding candidates in other research areas are encouraged to contact us.

Positions are at the rank of assistant professor, but exceptional candidates at all ranks will be considered. Applicants must have Ph.D. in Computer Science or related field and strong research credentials evidenced by scholarly publications. Senior applicants must also demonstrate a proven track record in funded research activities.

UCI is targeted as a growth campus for the University of California as it is one of the youngest of the UC campuses, yet ranked 10th among public universities. For a view of UCI, see http://www.uci.edu. The Department of Information and Computer Science (ICS) was founded in 1968 in recognition of the emerging importance of computing. ICS is one of nine academic units at UC Irvine; as a free-standing department, it functions as a school. With approximately 1900 undergraduates, 250 graduate students, and 45 faculty members, ICS is the largest computing program within the University of California system as well as the fastest-growing major at UC Irvine.

ICS’s mission is to lead the innovation of new information and computing technology and study its economic and social significance while producing an educated workforce to further advance technology and fuel the economic engine. ICS has excellent faculty, innovative programs, high quality students and outstanding graduates as well as strong relationships with high tech industry. For a perspective on ICS, see http://www.ics.uci.edu.

Electronic application instructions (highly preferred) can be found at: http://www.ics.uci.edu/about/jobs

For those submitting paper application,
a cover letter indicating the area of primary research, a CV, three recent publications, and letters from three to five references should be sent to:

Faculty Recruiting
Department of Information and Computer Science
University of California, Irvine
CA 92697-3425

Application screening will begin immediately upon receipt of curriculum vitae. Maximum consideration will be given to applications received by December 13, 2002.

The University of California, Irvine, has an active career partner program, is an equal opportunity employer committed to excellence through diversity, and has a National Science Foundation Advance Gender Equity Program.

UNIVERSITY OF WASHINGTON, TACOMA
Institute of Technology
Faculty Positions in Computing & Software Systems

The Computing and Software Systems Program (CSS) of the University of Washington, Tacoma is seeking to fill tenure-track positions at the levels of Assistant Professor, Associate Professor, and Professor. The Institute of Technology, recently established by the State of Washington and supported by public and private funds, is the driving force behind the current expansion in the CSS Program.

While our priority is for tenured and tenure-track appointments, we may consider candidates for appointment at the non-tenure-track levels of Lecturer or Senior Lecturer. Requirements for the tenure-track positions include a Ph.D. in Computer Science or a closely related discipline. Requirements for non-tenure-track positions include at least an M.S. in Computer Science or a closely related discipline. All appointments require a strong commitment to quality teaching. Tenure track positions also require continuing research. Associate Professor and Professor candidates must have a record of publication. All candidates must be committed to excellence in teaching and apply for all positions.

Our recruiting emphasis is on software engineering, computer engineering, embedded computing, security, informatics, networks, database systems, and enterprise applications, but we will consider strong candidates in all areas of computing.

Candidates are invited to submit their applications electronically to Jan Rutledge, Finance and Administration, at: janrutle@washington.edu

Applications should include a curriculum vitae, evidence/discussion of teaching experience/effectiveness, research interests and agenda, and three letters of reference. Applications may also be submitted by mail to:

University of Washington, Tacoma Finance and Administration Computing and Software Systems Faculty Search

Box 358431
1900 Commerce Street
Tacoma, WA 98402-3100

Screening of credentials will begin October 15th and all positions will remain open until filled. Salary is competitive and will be commensurate with experience and qualifications.

Inquiries can be sent to: lrump@uwashington.edu

The University of Washington, an affirmative action/equal opportunity employer, is building a culturally diverse and pluralistic faculty and strongly encourages application from women and minority candidates. Further information on the University of Washington, Tacoma may be found at:

www.tacoma.washington.edu

PROGRAMMER/ANALYST

Shawnee, KS co seeks Programmer/Analyst to use Visual C++, Visual basic, Microsoft Foundation Class Library, SQL, Server and Window NT to design & develop document imaging software. Require MS in Computer Science or Application w/2 yrs exp. Must be proficient in Barcode data processing. Prevailing wage & good benefits. Send resume to Scott Coons, 7734 Hedge Ln. Terr., Shawnee, KS 66227, 913/422-7525.

LAMAR UNIVERSITY
Computer Science Department

Contact Person: Lawrence J. Osborne
E-Mail Address: search@gandhi.lamar.edu

Applications, including a resume, at least three letters of recommendation, one of which should address teaching qualifications, and a cover letter should be sent to:

Chair, Search Committee
Department of Computer Science
P.O. Box 10056
Lamar University
Beaumont, TX 77710

Applications will begin immediately and will continue until the position is filled. The undergraduate computer science program is ABET accredited.

Lamar is a comprehensive public university of 9,000 students in the Texas State University System. It is located in Beaumont, approximately 90 miles east of Houston and 30 miles from the Gulf of Mexico. More information can be found at http://www.lamar.edu.

Lamar University is an affirmative action/equal opportunity employer.

LEAD APPLICATIONS PROGRAMMER

Parsons Brinckerhoff (NY, NY) seeks Lead Applications Programmer – Provide tech support for Oracle Financials. Utilize Oracle RDBMS & write SQL & PL/SQl code. Utilize Oracle Financial Suite of apps incl HR, Proj Acct’g, AR, AP & General Ledger. Analyze financial progs, resolve data & programming code issues. Dev & maintain custom apps that interact w/Oracle Financials db. Req. bach in comp sci, eng’g or closely related field & 3 yrs exp in job offered or 3 yrs exp as a programmer, programmer analyst, senior analyst, s/w dvlpr, s/w eng or other prof IT position. Must be proficient in Oracle Apps Ste & PL/SQl; demonstrated ability through exp in analyzing problems w/financials & determining solutions through Oracle Financials db for large apps; 40 hrs/wk; salary commens w/exp. Resumes to IEEE Financials db for large apps; 40 hrs/wk; salary commens w/exp. Resumes to IEEE Computer Society, 10662 Los Vaqueros Circle, Box# COM16, Los Alamitos, CA 90720.

PURDUE UNIVERSITY
Department of Computer Sciences

The Department of Computer Sciences at Purdue University invites applications for ten-ure-track positions beginning August 2003. Positions are available at the assistant professor level; senior positions will be considered for highly qualified applicants. Applications from outstanding candidates in all areas of computer science will be considered. Areas of particular interest include security, mobile and wireless systems, scientific computing and computational biology, and software engineering.

The Department of Computer Sciences offers a stimulating and nurturing academic environment. Thirty-six faculty members have research programs in analysis of algorithms, bioinformatics, compilers, databases, distributed and parallel computing, geometric modeling and scientific visualization, graphics, information security, networking and operating systems, programming languages, scientific computing, and software engineering. The department implements a strategic plan for future growth which is strongly supported by the higher administration. This plan includes a new building expected to be operational in 2005 to accommodate the significant growth in faculty size. Further information about the department is available at http://www.cs.purdue.edu.

Applicants should hold a Ph.D. in Com-
THE UNIVERSITY OF OKLAHOMA  
School of Computer Science

The School of Computer Science at the University of Oklahoma seeks to fill a faculty position. Candidates must have demonstrated expertise in formal methods related to software development, with a special interest in the use of such methods in practice and with significant, related research accomplishments. Research involving polyhedral, statically typed, declarative programming languages is especially welcome. Applicants must hold a doctorate in computer science or a related discipline. The School of Computer Science offers bachelors, masters and doctoral degrees. About 350 students are enrolled in the undergraduate computer science program, which is CSAB accredited. The School has about 100 graduate students. Faculty research interests include functional programming, database systems, software engineering, fault tolerance and testing, embedded systems, intelligent systems, telecommunication networks, parallel and distributed computing, large scale scientific computing, graph theory and combinatorial optimization, and theoretical computer science. Norman is a community of about 90,000 people in the Oklahoma City metropolitan area, which, taken altogether, has about a million residents. Norman offers award-winning schools, an inexpensive cost of living, and the rich intellectual life of a university town.

Applications with a list of 5 references must be submitted to:

Rex Page  
Chair, Faculty Search Committee  
School of Computer Science  
The University of Oklahoma  
200 Felgar Street, Room 144  
Norman, OK 73019-6151  
Tel: (405) 325-5408  
Fax: (405) 325-4044  
E-mail: page@ou.edu

Screening will begin on November 1, 2001. Applications will be accepted until the position is filled. The University is an equal opportunity/affirmative action employer. Women and minorities are especially encouraged to apply.

THE UNIVERSITY OF WEST FLORIDA  
Chair, Computer Science

Applications must hold the Ph.D. in Computer Science or a closely related discipline and be eligible for tenure. Field of expertise is open. Salary will be competitive. The University of West Florida is a semi-urban university with approximately 9,500 students, situated on a lovely 1,000-acre nature preserve at the northern end of Pensacola. The department has about 800 undergraduate majors, 50 master's candidates, offers BS degrees in Computer Science, Computer Information Systems, and Interdisciplinary Information Technology, and MS degrees with specialization in either Computer Science or Software Engineering.

The primary focus of our department is teaching; however, all faculty are expected to conduct scholarly research. Faculty research interests: artificial intelligence, computers in education, image processing, networks, operating systems, pattern recognition, software engineering, simulation and the theory of computation. Our department also has very close ties with the Institute of Human and Machine Cognition (IHMC), a research institute in downtown Pensacola that employs roughly 100 people. The director (Ken Ford) and associate director (Alberto Canas) of the IHMC are both tenured in our department.

Applicants should send documentation of their right to work in the United States, a resume, and a clear statement of interests and goals (not by e-mail please), and should arrange to have three reference letters sent directly to: Jim Bezdek, Search Committee Chair, Department of Computer Science, The University of West Florida, Pensacola, Florida 32514. Our application deadline is January 15, 2003, and applications will be screened until the position is filled. UWF is an EO Access/AA employer. Women and minorities are especially encouraged to apply. Applications with a list of 5 references must be submitted to:

Rex Page  
Chair, Faculty Search Committee  
School of Computer Science  
The University of West Florida  
P.O. Box 5648  
Pensacola, Florida 32514-5648  
Tel: (850) 474-8900 Fax: (850) 474-3188  
E-mail: fac-search@cs.uwf.edu

Application Deadline: January 15, 2003

The University of West Florida is an Equal Opportunity/Affirmative Action employer. Women and minorities are especially encouraged to apply.

UNIVERSITY OF PITTSBURGH

The Department of Electrical Engineering invites applications for tenure-stream faculty positions from persons holding or completing an earned doctorate in Electrical Engineering, Computer Engineering, Computer Science or closely related disciplines. Individuals with research interests in computer engineering, signal processing or electronic devices are particularly desired.

The University of Pittsburgh ranks among the top public universities in the country. The University is a long-time member of the Association of American Universities (AAU), an organization of the leading research universities in North America. Centrally located in the cultural center of Pittsburgh, the University has a total enrollment of over 30,000 students enrolled in 16 colleges and 4 branch campuses.

Electrical Engineering recently celebrated its 100th year anniversary and continues to grow in breadth and stature. We provide a stimulating teaching and research environment that fosters interaction with many research centers in engineering, computer science, telecommunications and information science and in a world-renowned medical school. The department includes approximately 30 teaching and research faculty whose interests cover the spectrum of electrical and computer engineering. We offer undergraduate programs in both electrical and computer engineering, each with a strong design component, and maintain excellent teaching and laboratory facilities. At present, there are approximately 450 undergraduate students enrolled in these very competitive programs.

43DICKINSON COLLEGE  
Faculty Position in  
Computer Science

The Department of Mathematics and Computer Science invites applications for a tenure-track position in Computer Science starting fall 2003. This position will be filled at the assistant or associate level depending upon applicant experience. Applicants should have or be completing a Ph.D. in computer science or a related field. They should have a strong commitment to both teaching and scholarship in an undergraduate liberal arts environment.

Dickinson is a private, highly selective, liberal arts college with 2000 students located in south central Pennsylvania. The Department, which is housed in a new technology-rich science center, has major and minor programs in both computer science and mathematics. The faculty prides itself on implementing innovative teaching pedagogy, promoting student/faculty research, and fostering strong student/faculty interactions.

Please send a CV and separate statements on teaching philosophy and research interests to: Prof. Grant Braught, Department of Mathematics and Computer Science, Dickinson College, Carlisle, PA 17013. Also, arrange for three letters of recommendation and copies of graduate transcripts to be sent to the same address. Completed applications will be reviewed as received. For further information see http://www.dickinson.edu/department/mathcs or E-mail braught@dickinson.edu.

Dickinson College is an Affirmative Action/Equal Opportunity Employer. Women and minorities are especially encouraged to apply.
The graduate research program includes approximately 120 MS and PhD students in several state-of-the-art research laboratories located in a modern engineering building. The department has research strengths in VLSI, CAD, parallel processing, networking, wireless communication, computer architecture, reconfigurable computing, embedded systems, optical and electronic devices, speech, and signal processing.

Opportunities for new faculty include:
- Outstanding start-up packages including reduced teaching loads, graduate student support and summer salary as well as the opportunity for a third-year, one-semester sabbatical.
- Funding opportunities from the Pittsburgh Digital Greenhouse (http://www.digitalgreenhouse.com/) as well as proximity to Washington, D.C. with easy access to all major funding agencies.
- In addition, the John A. Swanson Center for Micro and Nano Systems provides opportunities for collaborations with faculty from Electrical, Mechanical and Industrial Engineering with research interests in these areas.

Applications should be received by January 1, 2003 but will continue to be accepted and considered until the positions are filled. Send a resume, contact information for at least four references, plus a letter summarizing research and teaching interests to: Search Committee, Department of Electrical Engineering, 349 Benedum Hall, University of Pittsburgh, Pittsburgh, PA 15261. Applications may also be submitted electronically via http://www.engr.pitt.edu/electrical/about/faculty/search.html. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.

IOWA STATE UNIVERSITY
Human Computer Interaction

Iowa State University invites applications for three tenure or tenure-track faculty positions in the field of Human Computer Interaction (HCI). As part of a newly announced Presidential initiative, the university seeks faculty members to enhance its growing academic and research program in HCI. The research component of the program will build on interdisciplinary work already under way at Iowa State University’s Virtual Reality Applications Center.

Candidates must have a PhD or the terminal degree in their educational discipline. Successful applicants must have demonstrated research achievement in HCI and be able to establish an externally funded research group that develops national impact in HCI, and develop and teach courses that support the HCI graduate program. Senior level candidates must have an outstanding record of research achievement in the technical foundation of HCI as well as exceptional leadership capabilities. The tenured or tenure-track appointments will be made in one of the academic departments participating in the HCI graduate program.

Further information can be found at http://www.vrac.iastate.edu. Applicants should send an electronic letter of application and an attached resume including names and addresses of at least three references to:

Dr. J. Oliver, Chair of Search Committee Virtual Reality Applications Center
oliver@iastate.edu

Review of applications will begin on December 1, 2002. Iowa State University is an equal opportunity/affirmative action employer.

ARMSTRONG ATLANTIC STATE UNIVERSITY
School of Computing
Faculty Positions

The School of Computing invites applications for several tenure-track positions in Computer Science. Candidates should have a PhD in Computer Science or a related field. We also have tenure-track openings in Information Technology. Candidates should have a PhD or MS in Information Technology, or a related field. Two-year visiting positions are also possible. The appointments begin in January 2003. Salary is competitive with good startup equipment packages.

The Department of Computer Science is accredited by the CAC of ABET. It is part of the strategic Yamacraw Project of the State of Georgia (www.yamacraw.org) to become one of the national leaders in high bandwidth communications. We are particularly interested in candidates in the areas of optical networks, networking, and software engineering; however, candidates in other systems areas will be considered. Current faculty research interests are in algorithms, biometrics, complexity theory, computer vision, distributed systems, graph theory, networking, parallel computation, programming languages, and software engineering. Faculty research is currently supported by NSF, ONR, and NIH.

There are 125 Computer Science majors and 125 Pre-Computer Science majors in the undergraduate program. In January 2002 we began a Masters program and currently have twenty graduate students. The Department of Computer Science wishes to attract faculty interested in conducting research and involving undergraduate students in their work.

The Department of Information Technology began in January of 2002 and is growing rapidly. We currently have over 100 Information Technology majors. We also offer two certificates. Faculty applicants with an interest in ecommerce, security, or an expertise in Java are particularly welcome.

The emphasis at Armstrong Atlantic is on quality undergraduate education. Average class size is about twenty students. Many members of CS and IT have duplicate course preparations. The School of Computing moved into a new science building in the fall of 2001. A $23,000,000 computing building will be constructed for the School of Computing in 2007. Armstrong Atlantic is part of the University System of Georgia. We have an enrollment of about 6,000 students. The University is located in the suburbs of the coastal city of Savannah. The cost of living in Savannah is very reasonable with nice 3-bedroom homes available for as little as $100,000.

Applicants should send a letter of interest, CV, and have three letters of reference sent to Professor Raymond Greenlaw (Dean), Attn: Faculty Search, School of Computing, Armstrong Atlantic State University, Savannah, GA 31419-1997. Phone inquiries are welcome at (912) 961-3076. Review of applications is ongoing and will continue until the positions are filled. Georgia is an Open Records Law State. AA/EOE

MICHIGAN STATE UNIVERSITY
Department of Computer Science and Engineering
http://www.cse.msu.edu

The Department of Computer Science and Engineering (CSE) at Michigan State University invites applications for several tenure-stream faculty positions. Appointments start in August 2003. Candidates from all areas of specialization in computer science will be considered. The candidate should hold a Ph.D. degree in computer science or a related field. The appointment will be made at the rank appropriate to the credentials of the candidate.

As a unit within the College of Engineering, the CSE Department presently has 25 faculty members and administers BS, MS, and PhD programs. The Department conducts leading-edge research in many areas, with particular strength in software engineering and formal methods; computer systems and networking; and image processing and machine intelligence. Michigan State University enjoys a large, park-like campus with many outstanding research facilities and natural areas. The greater Lansing area has approximately 300,000 residents, and the University is pro-active in exploring opportunities for the employment of spouses, both inside and outside the University. Candidates should submit a cover letter, curriculum vitae, the names of three references, and a statement of research and teaching interests to the address below (email preferred). Applications will be reviewed on a continuing basis until all positions are filled. For full consideration, applications should be received before January 15, 2003.

Faculty Search Committee
Department of Computer Science
and Engineering
3115 Engineering Building
Michigan State University
East Lansing, Michigan 48824-1226
search@cse.msu.edu

Michigan State University is an Equal
Opportunity/Affirmative Action Institution
and handicappers have the right to
request and receive reasonable accom-
modations.

UNIVERSITY OF CINCINNATI
Head, Department of Electrical &
Computer Engineering and
Computer Science
College of Engineering

The College of Engineering of the Uni-
versity of Cincinnati invites nominations
and applications for the position of Head
of the Department of Electrical & Com-
puter Engineering and Computer Science
(ECECS). The Head is expected to have
a strong commitment to advancing
research and education, to lead the devel-
opment of innovative programs, espe-
cially joint ventures with other academic
units, to encourage integrative efforts
within ECECS, and to foster and
strengthen entrepreneurial and academic
partnerships with industry.

Qualifications for the Head position
include an earned doctoral degree in elec-
trical engineering, computer engineering,
computer science, or a closely related
field; a distinguished record in research
and education; a clear vision for the disci-
plines; and established leadership and
interpersonal skills.

The ECECS Department offers under-
graduate and M.S. programs in Electrical
Engineering, Computer Engineering, and
Computer Science, and offers the Ph.D. in
Electrical Engineering and in Computer Science & Engineering. The Department
has 46 full-time faculty, 350 full-time grad-
uate students and 500 undergraduate stu-
dents, and awards approximately 65 M.S.
and 20 Ph.D. degrees per year. Annual
research and education programs are sup-
ported by extramural funding of approx-
nately $7M. The Department has well-
equipped research and teaching
laboratories and occupies 45,000 square
feet of space including research laboratory
space in a new Engineering Research Cen-
ter. Additional information is available at
the departmental web site: http://www.ececs.uc.edu.

The College is renowned as the home
of co-operative education, which remains
the hallmark of our programs, providing
professional experience for all undergrad-
uate students in 1000 companies in the
US, Germany, and Japan. Building on this
foundation, we are integrating distance
learning during co-op terms to create a
variety of unique five-year combined
B.S./M.S. programs.

The University is completing a major
building campaign designed to make it
one of the finest urban settings in Ameri-
can higher education. A compact campus
permits easy access to all resources,
including the College of Medicine, with
which we share a new Department of Bio-
medical Engineering. The University of
Cincinnati is a state-supported, comPre-
hensive Research 1 institution with an
dowment of $900 million, the tenth
largest among public institutions in the
nation.

Cincinnati has been identified as one of
the most livable cities in America in a tri-
tate metropolitan area of 1.8 million,
with excellent cultural and entertainment
opportunities, and a moderate cost of liv-
ing combined with a wealth of housing
options.

Curricula vitae and/or nominations
should be sent to Prof. Roy Eckart, Chair,
ECECS Head Search Committee, P.O. Box
210018, University of Cincinnati, Cincin-
nati, Ohio 45221-0018, or electronically
(preferably in pdf format) to Roy.Eckart@
UC.Edu. The position will remain open
until filled, but review of applications will
begin December 1, 2002. The University
of Cincinnati is an Affirmative Action/
Equal Opportunity employer and encour-
gages applications from women and
minorities.

OHIO SUPERCOMPUTER
Executive Director

Job Description: Reporting to the OSC
Governing Board, the Executive Director
will be responsible for leading the com-
puter-networking and high-performance
computing services, primarily for higher
education in the state. He/She will serve
as the technology leader for higher edu-
cation in terms of research computing and
networking.

Requirements: A Ph.D. in a science,
engineering, mathematics, medical, or
computer science field is required. Candi-
dates must have visionary and innovative
skills regarding technology directions and
be able to unite various stakeholders
across the state in common directions as
well as direct a personal research group.
A candidate with an active research pro-
gram in the high-performance network-
ing or computational science area, intend-
ing to continue to make contributions to
fundamental research, is strongly pre-
ferred. It is anticipated that the candidate
will be appointed to a tenured position at
an Ohio University.

For more information and to apply or
nominate, please visit http://www.ekor
nferry.com and refer to opportunity
XD666

MICHAEL M. DUGGAN, DEAN
College of Engineering

University of Cincinnati

WORCESTER POLYTECHNIC
INSTITUTE
Computer Science Department

Tenure Track Faculty Positions - (start-
ing August 2003). Do you want the com-
bination of a research university teaching
load with a liberal arts college environ-
ment? Do you like engaging undergradu-
ates together with graduates in long-term,
open-ended projects? Would you enjoy
doing interdisciplinary research, experi-
encing the interplay between technology
and society, and helping students apply
type technical skills in global settings,
If so, you should consider joining the
faculty at WPI. WPI, in Worcester, MA, is
an elite, small, national university. The CS
department is recruiting for several
tenure-track positions. Candidates should
have a Ph.D. in Computer Science or
a closely related field, and the potential
for excellence in research and teaching.

Our search priorities this year are for
junior appointments in Database, Soft-
ware Systems, Human-Computer Interac-
tion and Algorithms. However, outstand-
ing candidates for any rank and area will
get full consideration.

The department has 18 tenure-track
faculty, and expects a large increase in fac-
ulty size over the coming years. We hope
to maintain the exceptionally close-knit,
collegial atmosphere we currently enjoy.

We invite you to explore our depart-
ment at www.cs.wpi.edu, and see the full
at www.cs.wpi.edu/News/job-ad0203.
h.html.

Questions about the hiring process, as
well as electronic applications should be
dressed to: recruit@cs.wpi.edu.

For full consideration, applications
should be received by 01/15/2003.

To enrich education through diversity,
WPI is an affirmative action, equal oppor-
tunity employer.

MICHIGAN STATE UNIVERSITY
Cyber-Security Academic Specialist

The Department of Computer Science
and Engineering (CSE) and the School of
Criminal Justice (CJ) invite applications
for a 12-month, fixed-term position in
computer security. A nationally recognized expert is
sought to provide leadership and guid-
ance in the development of curricula,
research and education programs in
cybersecurity at Michigan State Univer-
sity (MSU). Leadership in promoting
MSU’s cyber-security efforts off campus
as well as leadership in securing external
funding is important. Placement of the
instructor at a university-wide center for
cyber security is a possibility. MSU’s interna-
tionally recognized Computer Science and Crimi-
nal Justice programs provide a unique
environment for cyber security research
and education. Collaboration across the
university with other units such as the Eli
Broad College of Business, the College of
Communication Arts & Sciences and the
Detroit College of Law will enhance the
program. The candidate should hold a
post-graduate degree in a science, engi-
neering, criminal justice or related field.

The School of Criminal Justice dates
back to 1935 when the Criminal Justice
program was established at MSU and cur-
rently has approximately 18 full-time fac-
ulty as well as a large Outreach Unit. The
School has nationally recognized pro-
grams in policing, security administration,
crime analysis, and internet security as
well as established relationships with the
FBI, Michigan State Police, local law
enforcement, and private industry and
security firms.

The Department of Computer Science and Engineering is within the College of Engineering and has approximately 25 full-time faculty. The Department has internationally recognized programs in biometrics, software engineering, networking, and high-assurance computing. Research activities within the Department are funded by a broad spectrum of government agencies and private corporations.

Both units offer Bachelor, Masters, and Doctoral degrees. Candidates should visit the units’ web pages for detailed information on our research and instructional programs (http://www.cj.msu.edu/ and http://www.cse.msu.edu).

Michigan State University enjoys a park-like campus of over 2000 developed acres and over 3,000 acres of outlying research facilities and natural areas. The campus is adjacent to the city of East Lansing and the capital city of Lansing. The Greater Lansing area has approximately 250,000 residents. The local communities have excellent school systems and place a high value on education. Michigan State University is pro-active in exploring opportunities for the employment of spouses, both inside and outside the University.

Consideration of applications will begin on January 15, 2003, and will continue until the position is filled. Please submit a cover letter, curriculum vitae, the names of three references, and a statement of research and teaching interests to:

Cyber Specialist Search Committee
Department of Computer Science & Engineering
3115 Engineering Building
Michigan State University
East Lansing, Michigan 48824-1226
cyberspecialist@cse.msu.edu

MSU is an affirmative-action, equal-opportunity institution.

UNIVERSITY OF CALGARY
Assistant, Associate, and Full Professor Positions

The Computer Science Department, Faculty of Science, at the University of Calgary is continuing a large expansion and seeks outstanding candidates for tenure track/tenured positions at the Assistant, Associate, and Full Professor levels.

We are interested in candidates in all areas of Computer Science and outstanding candidates from any area will be seriously considered. Applicants from software engineering, distributed systems, operating systems, cryptography, and human-computer interactions are of particular interest during this hiring round. Applicants must possess a doctorate in Computer Science or a related discipline, and have a strong research record. They must be enthusiastic about contributing to both research and teaching.

The Department is committed to excellent research and teaching. It has an expanding graduate program and extensive state-of-the-art computing facilities. Further information about the Department is available at http://www.cpsc.ucalgary.ca.

Interested applicants should send a CV, a concise description of their research program, and the names and email addresses of three references to: Dr. K. Barker, Head Department of Computer Science University of Calgary 2500 University Drive Calgary, AB, Canada, T2N 1N4 or e-mail to: search@cpsc.ucalgary.ca

To expedite the handling of applications, candidates should ask those named as references to send supporting letters to the same address. Applications will be considered as they are received and the search will be continued until all available positions are filled.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Calgary respects, appreciates, and encourages diversity.

To see all University of Calgary academic positions, please visit www.ucalgary.ca/hr/career.

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