The Erik Jonsson School of Engineering and Computer Science at the University of Texas at Dallas invites applications for a senior faculty position in the Department of Electrical Engineering and the Department of Computer Science. The successful candidate will have an earned doctorate in Computer Science or a related field, and a record of excellence in teaching, research, and leadership. Applications will begin November 1st, and the search committee will begin evaluating applications as soon as possible. Additional information may be found at www.utdallas.edu/dept/eecs/depart.
TENURE TRACK FACULTY POSITION
College of Engineering

The Department of Computer and Software Engineering (CSE) in the College of Engineering at Embry-Riddle Aeronautical University invites applications for tenure track at the assistant or associate professor level to begin January or August 2005. Applications from outstanding candidates in all areas of computer engineering and software engineering will be considered. Areas of particular interest include: embedded systems, real-time systems, autonomous vehicles, control systems, computer systems design, software quality assurance, software design and architecture.

The successful candidate is expected to have a strong commitment to undergraduate teaching and to develop externally funded research programs that lead to national and international recognition. Additional information related to CSE and the College of Engineering is available at http://www.erau.edu/omni/db/academicorgs/dbcoe

Required qualifications include a Ph.D. in Computer Engineering or Computer Science or a closely related field. Industrial experience is required. Applications must include a cover letter indicating their teaching and research interest; curriculum vitae, a list of three references including their contact information.

Send applications to:
Embry-Riddle Aeronautical University
ATTN: H.R. Dept., 600 S. Clyde Morris Blvd.
Daytona Beach, Fl, 32114
Fax to: 386-323-5060
jacobskerau.edu

ERAU is an equal opportunity employer and encourages applications from women, minorities, and people with disabilities.

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Assistant / Full Professor in Computer Science
The Department of Computer Science of the Swiss Federal Institute of Technology Zurich (ETH) is seeking excellent candidates for a tenured or tenure-track position in Computer Science. The department invites applications from outstanding candidates with expertise in one of the following fields or related areas: Mobile Systems, Pervasive Computing, Massively Distributed Systems, Sensor Networks, and Software for Embedded Systems.

Candidates should have strong leadership and administrative skills, and demonstrate willingness to actively participate in international research projects. Responsibilities include teaching graduate and undergraduate classes in one of the above or related areas, as well as sharing teaching responsibilities of graduate classes in all areas of computer science. Courses at Master level may be taught in English.

The appointment (tenured / tenure-track) will be subject to the candidate’s qualifications and expertise.

Candidates with an outstanding, internationally recognized research record and substantial teaching experience are invited to submit their applications to the President of ETH Zurich, Prof. Dr. O. Kuebler, ETH Zentrum, CH-8092 Zurich, no later than November 30, 2004. Applications should include a curriculum vitae, a list of publications (indicating the three most significant publications), a list of research activities, and a research statement. ETH Zurich specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

For further information about the Department of Computer Science at ETH Zurich, see www.inf.ethz.ch. Prospective applicants are encouraged to contact the department chair, Prof. Dr. B. Meyer, at bertrand.meyer@inf.ethz.ch for additional details.

D. E. Shaw Research and Development

Systems Architects and ASIC Engineers
Specialized Supercomputer for Computational Drug Design

Extraordinarily gifted systems architects and ASIC design and verification engineers are sought to participate in the development of a special-purpose supercomputer designed to fundamentally transform the process of drug discovery within the pharmaceutical industry. This early-stage, rapidly growing project is being financed by the D. E. Shaw group, an investment and technology development firm with approximately US $8 billion in aggregate capital. The project was initiated by the firm’s founder, Dr. David E. Shaw, and operates under his direct scientific leadership.

This project aims to combine an innovative, massively parallel architecture incorporating 90-nanometer “system on a chip” ASICs with novel mathematical techniques and groundbreaking algorithmic advances in computational biochemistry to direct unprecedented computational power toward the solution of key scientific and technical problems in the field of molecular design. Successful candidates will be working closely with a number of the world’s leading computational chemists and biologists, and will have the opportunity not only to participate in an exciting entrepreneurial venture with considerable economic potential, but to make fundamental contributions within the fields of biology, chemistry, and medicine.

The candidates we seek will be unusually intelligent and accomplished, with a demonstrated ability to design and implement complex, high-performance hardware solutions based on the latest semi-custom technologies. We are prepared to reward exceptionally well-qualified individuals with above-market compensation.

Please send resume, along with GPAs, standardized test scores (SAT, GRE), and compensation history, to career9@desrad.deshaw.com.

D. E. Shaw Research and Development, L.L.C. does not discriminate in employment matters on the basis of race, color, religion, gender, national origin, age, military service eligibility, veteran status, sexual orientation, marital status, disability, or any other protected class.

D E Shaw & Co
THE UNIVERSITY OF TEXAS AT DALLAS
ERIC JONSSON SCHOOL OF ENGINEERING AND
COMPUTER SCIENCE
DEPARTMENT OF COMPUTER SCIENCE
Faculty Positions – Network Security and Information Assurance

The Department of Computer Science of the University of Texas at Dallas, invites applications for a tenure track faculty position in all areas of Information Security including Network Security, Information Assurance, Data and Applications Security, at the assistant or associate professor levels, starting Spring, Summer or Fall 2005. Candidates must have a Ph.D. degree in Computer Science, Software Engineering, Computer Engineering or equivalent. Candidates should have a great potential for excellence in research, teaching, and external funding. A significant start-up package has been budgeted for this position.

The Department offers Ph.D. degrees in Computer Science, Software Engineering; M.S. degrees in Computer Science with emphases (tracks) on Networks and Telecommunications, Traditional Computer Science, Intelligent Systems, and a Major in Software Engineering; Bachelor’s degrees in Computer Science, Software Engineering (the first in the State of Texas). In addition, the department is part of Ph.D. and master’s programs in two interdisciplinary fields, Computer Engineering and Telecommunications Engineering, whose faculty consists of members from Computer Science and Electrical Engineering. The Department has established a CyberSecurity Research Center with a well-funded security laboratory, which is part of the School’s CyberSecurity and Emergency Preparedness Institute. The Institute is also building a Security Analysis and Information Assurance Laboratory.

The University of Texas at Dallas has been designated by the National Security Agency and the Department of Homeland Security as one of the National Centers of Academic Excellence in Information Assurance Education.

Currently the Department has a total of 41 tenure-track faculty and 15 senior lecturers. In Fall 2002, the Department of Computer Science moved into a new 152,000 sq. ft. building. In addition to individual faculty workstations, the department has many computer/research laboratories, equipped with around 300 high performance workstations and high-end PCs. The Academic Computer Center supports both UNIX based workstations and PCs as well as high-speed dial-in access to campus computing facilities.

The University is located in the most attractive suburbs of the Dallas metropolitan area. There are over 900 high-tech companies within 5 miles of the campus, including Texas Instruments, Nortel Networks, Alcatel, Ericsson, Hewlett-Packard, Nokia, Fujitsu, MCI, EDS, and Perot Systems. Almost all the country’s leading telecommunications’ companies have major research and development facilities in our neighborhood. Opportunities for joint university-industry research projects are excellent. The Jonsson School has experienced very rapid growth in recent years and will become a top-ranked engineering school in the next five years. Based in large part on a 5-year, $300 million initiative involving the State of Texas, the University of Texas System, and Texas Instruments, the School is strengthening and expanding its programs by recruiting outstanding faculty and Ph.D. students, increasing funded research, and establishing new programs (see www.ecs.utdallas.edu/welcome.html).

For more information, contact Dr. D.T. Huynh, Department Head, at 972-883-2169, or send e-mail to cs-search@utdallas.edu, or view the Internet Web page at http://www.utdallas.edu/dept/cs/. The search committee will begin evaluating applications as soon as possible and will continue until the positions are filled.

Applicants should mail their resume with a list of at least five academic or professional references as soon as possible to:

Academic Search # 761
The University of Texas at Dallas
P.O. Box 830688, M/S AD 23
Richardson, TX 75083-0688.

The University of Texas at Dallas is an Equal Opportunity Affirmative Action employer and strongly encourages applications from candidates who would enhance the diversity of the University's faculty and administration.
Ying Wu Endowed Chair in Electrical & Computer Engineering

Dept. of Electrical & Computer Engineering: Newark College of Engineering
New Jersey Institute of Technology

NJIT’s Dept. of Electrical & Computer Engineering seeks an outstanding scholar to fill the Ying Wu Endowed Chair in Electrical & Computer Engineering. This position is in the area of wireless networking at the rank of Full Professor. The dept. anticipates expanding its current strengths in the area of networking, with emphasis on applications of wireless technologies. The successful candidate will have a leadership role in developing synergy for a nationally recognized program with a research center in wireless networking & security. The candidate will be able to leverage on a strong & diverse faculty active in wireless communications & networking, on resources such as the long established Center for Communications & Signal Processing Research & other research programs & centers supported by the federal agencies, industries & the state of NJ. Qualifications incl. a significant track record of research leadership & grant funding, a broad command of the field of communications & networking, with specific experience in several of the areas of network security, higher layer protocols, sensors, wireless networks & system integration aspects of communications systems.

The Dept. of Electrical & Computer Engineering has 38 faculty, about 1558 students, incl. 356 M.S. students & 102 PhD students. The ECE dept. is the largest in NJIT’s Newark College of Engineering. The dept. provides an excellent research environment with multidisciplinary research programs in key areas incl.: Communications, Signal Processing & Microwave; Computer Networking; Computer Architecture & Digital Systems; VLSI; Solid State & Electro-Optics; System Intelligent Systems. Add’l information is available on the website: www.njit.edu/ECE. NJIT, a public technological research university with a research enterprise of over $73 m/yr (incl. $80 m in federal research funding), is fast growing with a research expenditure of about 35% of the university annual operating budget. NJIT has about 8800 students pursuing baccalaureate through doctoral degrees & is a networked, computing-intensive campus.

The university reserves the right to substitute equiv. education and/or experience at its discretion. NJIT is an equal opportunity, affirmative action, equal access employer & especially encourages applications from minorities, women & persons w/disabilities.

Applications will be accepted until position is filled. Application pkgs. must incl.: a detailed vitae, 5 letters of recommendation & a statement of academic & research vision. Send applications & nominations to att: Personnel Box ECE-YWCP.

THE UNIVERSITY OF PENNSYLVANIA values diversity

Search@central.cis.upenn.edu. Questions can be addressed to faculty-search@central.cis.upenn.edu. Applications should be received by January 15, 2005 to be assured full consideration. 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.

19104-6389. Applications should be 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, 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, 2005 to be assured full consideration. Applications will be accepted until positions are filled.

THE UNIVERSITY OF TEXAS AT TYLER, Computer Science Faculty Positions. The Computer Science Department invites applications for one or two tenure-track faculty positions at the level of assistant or associate professor starting Fall 2005. An earned doctorate in computer science or computer information systems, demonstrated English communication skills, and commitment to excellence in teaching, research, scholarship and service are required. Potential to pursue high quality research and to seek external research funding is required. All areas of specialization will be considered; preferred areas include computer architecture, networking and data communications, distributed systems, software engineering, computer information systems, and e-commerce.

Experience with the ABET CAC accreditation process is desirable. Information about the department, college, university and the Tyler area can be found by starting with the UT Tyler web site at http://www.uttyley.edu. Send a letter of application, vita, and names and contact information for three references to: Dr. Arun Kulkarni, Interim Chair, Computer Science Department, The University of Texas at Tyler, 3900 University Boulevard, Tyler, TX 75799 or e-mail Arun_Kulkarni@uttyler.edu. The search committee will start reviewing applications on November 1, 2004 and continue until the positions are filled. UT Tyler, a component of The University of Texas System, is located in the beautiful East Texas lake country on the I-20 corridor, about 100 miles east of Dallas, 100 miles west of Shreveport, 200 miles north of Houston, and 225 miles northeast of Austin. The University of Texas at Tyler is an EEO/AA employer. Women and minorities are strongly encouraged to apply. Applicants selected to fill the positions must be able to present documentation of the right to work in the United States.

PALO ALTO RESEARCH CENTER, Research Computer Scientists. The Computer Science Laboratory (CSL) at...
PARC (formerly Xerox PARC) seeks candidates for research positions in ubiquitous computing, distributed computing, ethnography, security and privacy, social computing, software systems, and applications of wireless and sensor networks. We seek individuals with advanced degrees in Computer Science or related fields who have a passion for high-impact research, enjoy working in multidisciplinary teams, and are eager to work on cutting-edge research projects. CSL, a collaborative environment of 30 researchers, is one of 6 laboratories at PARC. Research across the other laboratories ranges from natural language processing to robotics to image processing to MEMS. CSL provides the opportunity to focus on projects within the laboratory, but also encourages cross-lab, interdisciplinary research projects. PARC offers the opportunity to work in a new kind of corporate research setting with unparalleled freedom. Because PARC is not a captive corporate laboratory, its research agenda is considerably broader than are those in corporate laboratories that need to supply an ongoing business strategy. Unlike academic institutions, PARC researchers are encouraged and rewarded for working together in interdisciplinary teams to address new kinds of problems or existing problems in new ways. PARC encourages and rewards revolutionary research where high risk brings high reward. How to apply: Please submit a cover letter describing your interests, a resume and reprints of publications if applicable. In your application package, please include names and contact information for at least three references. Applications by e-mail are preferred. E-mail: csjobs@parc.com. Please direct hardcopy materials to: CSL Recruiting, Palo Alto Research Center, 3333 Coyote Hill Road, Palo Alto, CA 94304.

STANFORD UNIVERSITY, Departments of Electrical Engineering and Computer Science, Faculty Openings. The Departments of Electrical Engineering and Computer Science at Stanford University invite applications for tenure-track faculty positions at the junior level (Assistant or untenured Associate Professor). We are conducting three searches, with the following themes. In general we give higher priority to the overall originality and promise of the candidate's work than to the sub-area of specialization. The appointments may be in one, or both departments, or could be joint with other Engineering departments if appropriate. We are seeking applicants interested in creating the complex systems that are of growing importance in almost all areas of EE and CS research, ranging from applications such as the creation of more robust and secure networks and distributed systems to systems for extracting useful information from new interfaces to the physical world. Areas of interest include but are not limited to networking, distributed systems, embedded systems, information management, operating systems, and compilers. We are seeking applicants knowledgeable in some aspect of sensor networks, e.g., applicants with interest in gathering and interpreting information from large numbers of possibly dispersed sensors, or applicants who design and build sensors for networked applications. We expect candidates to have experience in one or more of the following areas: signal processing, sensor design, graphics and vision, networking and protocols, data bases and information management, security, distributed algorithms, or other areas related to sensor networks. We are also interested in candidates with expertise in applications that may use sensor networks, such as health care, transportation, and environmental science. We are seeking applicants from all areas of Computer Science, including Foundations, Artificial Intelligence, Graphics, Databases, Systems, Human Computer Interaction, and Networking. We are also interested in applicants doing research at new frontiers in computer science, for example biological computing, bio-informatics, computation and the arts, and computational economics. An earned Ph.D., evidence of the ability to pursue a program of research, and a strong commitment to graduate and undergraduate education.

**ETH**

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Assistant Professor (Tenure Track) in Information Security

Duties of this position include teaching and research in Information Security within the Department of Computer Science. Courses at Master level may be taught in English. The new professor will be expected to contribute to a studies program in Information Security and to carry out research projects with industry, in collaboration with the Zurich Information Security Center.

Applicants should have a strong record of high-quality research in Information Security. Applicants working in all areas of Information Security will be considered, but candidates working on research questions in designing, constructing, and evaluating secure systems are especially encouraged to apply.

This assistant professorship has been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of one renewal for an additional two-year period and merit-based promotion to a permanent professorship.

Applications with a curriculum vitae and a list of publications should be submitted to the President of ETH Zurich, Prof. Dr. O. Kuebler, ETH Zentrum, CH-8092 Zurich, no later than November 30, 2004. ETH Zurich specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

For further information about the Department of Computer Science at ETH Zurich, see www.inf.ethz.ch. Prospective applicants are encouraged to contact the department chair, Prof. Dr. B. Meyer, at bertrand.meyer@inf.ethz.ch for additional details.

**SCHOOL OF INDUSTRIAL ENGINEERING**

The School of Industrial Engineering at the University of Oklahoma invites applications for a new tenure-track Assistant or Associate Professor position starting Fall 2005. Exceptional applicants will be considered at the Full Professor level. The College of Engineering has identified Intelligent Systems as a strategic research area to foster. Applicants should have expertise in intelligent systems such as real-time decision-making or optimization, data-mining/machine learning, sensors or applications of information technology. The candidate must have a Ph.D. (or near completion) in a closely related field, a strong commitment to undergraduate and graduate teaching, demonstrated excellence in scholarly research, and an interest in partnering with other faculty for sponsored research initiatives in intelligent systems. Industrial experience is desirable.

The School currently has thirteen faculty members and a reputation of high standards in teaching and multidisciplinary research. The undergraduate program offers a specialization in information technology, pre-medicine, and an accelerated IE/MBA track. Current research funding in force is in excess of $6 Million. Research expenditures in 2004 exceeded $1.4 Million. The School of Industrial Engineering is an active participant in the Center for the Study of Human Operator Performance, Center for Human Technology Integration, the Center for Engineering Logistics and Distribution, the Center for Learning and Teaching, Oklahoma Transportation Center, and the Center for the Study of Wireless EMC.

Screening will begin November 1, 2004 and continue until position is filled. Please send a letter of application, resume, and contact information for three references to: Dr. Theodore Trafalis, Chair School of Industrial Engineering The University of Oklahoma 202 W. Boyd, Suite 124 Norman, OK 73019

The University of Oklahoma is an equal opportunity affirmative action employer.
teaching are required. A successful candidate will be expected to teach courses at the graduate and undergraduate levels and to build and lead a team of graduate students in Ph.D. research. Further information about the Computer Science Department can be found at http://cs.stanford.edu and about the Electrical Engineering Department at http://www.ee.stanford.edu. The School of Engineering website may be found at http://se.stanford.edu. Applications should include a curriculum vita, brief statements of research and teaching interests, and the names of at least four references. Candidates are requested to ask references to send their letters directly to the search committee. Applications and letters should be sent to: Search Committee Chair, c/o Laura Kenny-Carlson, Stanford University, Gates Hall 278, Stanford, CA 94305-9025; or via electronic mail to search@cs.stanford.edu. The review of applications will begin on January 3, 2005, and applicants are strongly encouraged to submit applications by that date; however, applications will continue to be accepted until February 1, 2005. Stanford University is an equal opportunity, affirmative action employer.

US AIR FORCE ACADEMY, Distinguished Visiting Professor of Computer Science. 05-06 academic year, your host institution will be reimbursed for all salary, benefits, and relocation costs. See http://www.usafa.af.mil/dlfs/visiting for details. Applications received before October 15th will be given first priority.

KUWAIT UNIVERSITY, Information Science Department. Position Announcement. The Department of Information Science at College for Women, Kuwait University, invites applications for faculty positions at all ranks (Assistant, Associate, and Full Professor) starting September 2005 in the following areas: Information Science, Information Systems and Technology, Computer Science or Computer Engineering, Knowledge Management and Data Mining, or related fields. Applications for short time visiting professor appointment will also be considered. The medium of instruction is English. Responsibilities include teaching undergraduate courses, conducting independent scholarly research, and administrative duties. Both male and female candidates are invited to apply. Qualifications include an earned Ph.D. from a reputed western university in the area of specialization or related fields. The candidate must also demonstrate evidence of quality teaching and research and have full command of English. To be considered for an Associate professor or higher level, the candidate must have a strong publication record in refereed international journals. The College of Women, www.cfw.kuniv.edu, is part of Kuwait University which is one of the leading public institutions of higher learning in the Gulf region. Kuwait University offers a generous benefit package that includes competitive tax-free salary, annual air tickets, tuition allowance for children schooling, a one-time settling-in allowance, housing allowance, free national health care, paid mid-year holidays and summer vacation, and an end-of-contract gratuity. The University offers an excellent academic environment and financial research support. Interested candidates should submit an updated professional CV with a cover letter indicating the area of interest. It is preferred that candidates send their CV by e-mail at jobs@cfw.kuniv.edu; applications are accepted for positions to be filled starting in September 2005 onwards. All communication should be addressed to: Dean, College for Women, Kuwait University, P.O. Box 5969, Safat 13060, Kuwait, Phone: +(965) 251-4232, Fax: +(965) 255-1157, e-mail: jobs@cfw.kuniv.edu.

WESTERN NEW ENGLAND COLLEGE, Computer Engineering, Tenure-Track Faculty Position. We are inviting applications for an appointment at the Assistant Professor level, available Fall 2005, subject to funding approval. Qualifications include: an earned doctorate in electrical or computer engineering; pertinent experience in the systems/software engineering; and excellent oral and written communication skills. In addition, evidence of excellence in research, teaching, and service is essential. New England is a private university with a traditional liberal arts curriculum. The Electrical and Computer Engineering Department is located in a state-of-the-art building equipped with laboratories, offices, and computerized teaching facilities. The college offers a B.S. in Electrical Engineering, with concentrations in Computer Engineering, Microelectronics, and Computer Science. Graduate degrees are also available. The Electrical and Computer Engineering Department is AACSB accredited. The university is an equal opportunity employer and encourages applications from women, members of minority groups, the disabled, and others who will enhance the multicultural climate of the institution. The College is located in Naugatuck, CT, a community of 20,000 people 90 miles from New York City and 50 miles from Hartford, CT. Salary commensurate with qualifications and experience. Application materials should be sent to: Chair, Computer Engineering Search Committee, Western New England College, Department of Electrical and Computer Engineering, WNEC, 1265 West Street, Springfield, MA 01109. Electronic mail: search@wne.edu. Applications are encouraged and will continue until the position is filled.

THE UNIVERSITY OF TEXAS AT DALLAS

ERIK JONSSON SCHOOL OF ENGINEERING AND COMPUTER SCIENCE DEPARTMENT OF COMPUTER SCIENCE

Faculty Positions – Speech Recognition/Technology

The Department of Computer Science of the University of Texas at Dallas invites applications for a tenure track faculty position in Speech and Natural Language Processing, at the level of Assistant or Associate Professor, starting Spring, Summer or Fall 2005. Candidates must have a Ph.D. degree in Computer Science, Software Engineering, Computer Engineering or equivalent. Candidates should have a great potential for excellence in research, teaching, and external funding. A significant start-up package has been budgeted for this position.

The Department offers Ph.D. degrees in Computer Science, Software Engineering; M.S. degrees in Computer Science with emphases (tracks) on Networks and Telecommunications, Traditional Computer Science, Intelligent Systems, and a Major in Software Engineering; Bachelor’s degrees in Computer Science, Software Engineering (the first in the State of Texas). In addition, the department is part of Ph.D. and master’s programs in two interdisciplinary fields, Computer Engineering and Telecommunications Engineering, whose faculty consists of members from Computer Science and Electrical Engineering. Currently the Department has a total of 41 tenure-track faculty and 15 senior lecturers. In Fall 2002, the Department of Computer Science moved into a new 152,000 sq. ft. building. In addition to individual faculty workplaces, the department has many computer/research laboratories, equipped with around 300 high performance workstations and high-end PCs. The Academic Computer Center supports both UNIX based workstations and PCs as well as high-speed dial-in access to campus computing facilities.

The University is located in the most attractive suburbs of the Dallas metropolitan area. There are over 900 high-tech companies within 5 miles of the campus, including Texas Instruments, Nortel Networks, Alcatel, Ericsson, Hewlett-Packard, Nokia, Fujitsu, MCI, EDS, and Perot Systems. Almost all the country’s leading telecommunication’s companies have major research and development facilities in our neighborhood. Opportunities for joint university-industry research projects are excellent. The Jonsson School has experienced very rapid growth in recent years and will become a top-ranked engineering school in the next few years. Based in large part on a 5-year, $300 million initiative involving the State of Texas, the University of Texas System, and Texas Instruments, the School is strengthening and expanding its programs by recruiting outstanding faculty and Ph.D. students, increasing funded research, and establishing new programs (see www.cs.utdallas.edu/welcome.html).

For more information, contact Dr. D.T. Huynh, Department Head, at 972-883-2169, or send e-mail to cs-search@utdallas.edu, or view the Internet Web page at http://www.utdallas.edu/dept/cs/. The search committee will begin evaluating applications as soon as possible and will continue until the position is filled.

Applicants should mail their resume with a list of at least five academic or professional references as soon as possible to: Academic Search #760 The University of Texas at Dallas P.O. Box 830688, M/S AD 23 Richardson, TX 75083-0688. The University of Texas at Dallas is an Equal Opportunity Affirmative Action employer and strongly encourages applications from candidates who would enhance the diversity of the University’s faculty and administration.
and hardware) area is strongly desired. The ideal candidate will have expertise in the areas of embedded systems design, RTOS, communication networks, distributed systems, software engineering, Object Based Design and/or areas that complement existing faculty expertise; demonstrated commitment to and success in teaching at the undergraduate level; superior communication skills; evidence of scholarship and professional activity; and a commitment to interdisciplinary engineering education. Applications will be accepted until the position is filled. Preference will be given to US Citizens and resident aliens. Applications in the form of a cover letter stating the candidate's teaching philosophy and professional goals, CV, and the names, addresses, and phone numbers of three references should be sent to: Dean, School of Engineering, Attention: CPE Search Committee, Western New England College, 1215 Wilbraham Road, Springfield, MA 01119. The School of Engineering emphasizes undergraduate and master's level education offering BS degrees in biomedical, electrical, mechanical, industrial, and mechanical engineering and MS degrees in electrical and mechanical engineering, and in engineering management. Small classes, excellent facilities, and close relationships with industry make teaching at Western New England College exciting and rewarding. The successful candidate will join a community of teaching scholars in a high quality and growing engineering program. Western New England College is a private, independent, coeducational institution founded in 1919. Located on an attractive 215-acre suburban campus in Springfield, Massachusetts within easy access of the Boston, Hartford, Albany, and New York City metropolitan areas. Undergraduate and graduate programs are offered through the College's Schools of Arts and Sciences, Business, Engineering, and Law.

For more information about the College, visit our website at http://www.wnec.edu. Western New England College is an equal opportunity employer.

**THE UNIVERSITY OF TEXAS AT DALLAS**

**ERIK JONSSON SCHOOL OF ENGINEERING AND COMPUTER SCIENCE**

**DEPARTMENT OF COMPUTER SCIENCE**

**Faculty Positions**

The Department of Computer Science of the University of Texas at Dallas invites applications from outstanding applicants for tenure track faculty positions in all areas, at all levels, starting Spring, Summer or Fall 2005. Candidates must have a Ph.D. degree in Computer Science, Software Engineering, Computer Engineering or equivalent. The successful applicants must have a distinguished research and publication record. Applicants for senior positions must have an outstanding funding record and demonstrated leadership ability in developing and expanding funded research programs. Positions for Distinguished Chairs Professors are available.

The Department offers Ph.D. degrees in Computer Science, Software Engineering; M.S. degrees in Computer Science with emphases (tracks) on Networks and Telecommunications, Traditional Computer Science, Intelligent Systems, and a Major in Software Engineering; Bachelor's degrees in Computer Science, Software Engineering (the first in the State of Texas). In addition, the department is part of Ph.D. and master's programs in two interdisciplinary fields, Computer Engineering and Telecommunications Engineering, whose faculty consists of members from Computer Science and Electrical Engineering. Currently the Department has a total of 41 tenure-track faculty and 15 senior lecturers. In Fall 2002, the Department of Computer Science moved into a new 152,000 sq. ft. building. In addition to individual faculty workstations, the department has many computer/research laboratories, equipped with around 300 high performance workstations and high-end PCs. The Academic Computer Center supports both UNIX based workstations and PCs as well as high-speed dial-in access to campus computing facilities.

The University is located in the most attractive suburbs of the Dallas metropolitan area. There are over 900 high-tech companies within 5 miles of the campus, including Texas Instruments, Nortel Networks, Alcatel, Ericsson, Hawlett-Packard, Nokia, Fujitsu, MCI, EDS, and Perot Systems. Almost all the country’s leading telecommunication’s companies have major research and development facilities in our neighborhood. Opportunities for joint university–industry research projects are excellent. The Jonsson School has experienced very rapid growth in recent years and will become a top-ranked engineering school in the next five years. Based in large part on a 5-year, $300 million initiative involving the State of Texas, the University of Texas System, and Texas Instruments, the School is strengthening and expanding its programs by recruiting outstanding faculty and Ph.D. students, increasing funded research, and establishing new programs (see www.ecs.utdallas.edu/welcome.html)

For more information, contact Dr. D.T. Huynh, Department Head, at 972-883-2169, or send e-mail to cs-search@utdallas.edu, or view the Internet Web page at http://www.utdallas.edu/depts/cs. The search committee will begin evaluating applications as soon as possible and will continue until the positions are filled.

Applicants should mail their resume with a list of at least five academic or professional references as soon as possible to:

Academic Search # 762

The University of Texas at Dallas

P.O. Box 830688, M/S AD 23

Richardson, TX 75083-0688

The University of Texas at Dallas is an Equal Opportunity Affirmative Action employer and strongly encourages applications from candidates who would enhance the diversity of the University's faculty and administration.
and database design for web-based/ecommerce, business and medical software solutions; interact with clients to gather user requirements. Require MS Computer Science and at least 6 mos experience in following: object oriented and client server programming, JAVA, ASP, Perl, MySQL, C/C++ and data mining. Send letter of interest with resume to Integrated Modeling Inc., 2014 West Pinhook #704, Lafayette, LA 70508. Apply within 30 days. Must reference job #24342.

SOFTWARE ENGINEER. Needed for administrator of nonqualified retirement plans. Will develop and enhance global administration system (GAS) used for administering all nonqualified plans and manage porting to JAVA; integrate GAS with other software and create modules; manage workstations and Linux servers. M.S., Computer Science or Systems Science; proficient in C++; Linux; Java; Swing; JDBC; Visual Basic; PHP; PostgreSQL. Send resume within 30 days of publication to: Trisha Morrison, The Pangkanburn Company, 103 Gisele Street, New Roads, LA 70760. Refer to job #A345 in your cover letter.

SYSTEMS ENGINEER (Miami, FL) sought for s/ware dvlpmnt/IT consulting firm. Will be responsible for running & keeping up-to-date a z/OS & DOS/VSE operating systems under FLEX/ES. Will assist in dvlpmnts involving assembler. Will help investigate & solve problems involving technologies such as TN3270, FEP & 3270 Bridge. Know of assembler/390 & macros, VTAM & CICS, DOS/VSE, IMS, & RACF. Must have bach (or equiv) w/major field of study in comp sci, electrical engg, or related discipline + 4 yrs exp in job ofd or in info systms mgmt. Respond to: Carman Hirst, Clientsoft, Inc., 8323 N.W. 12 St, Ste 216, Miami, FL 33126.

GEORGIA STATE UNIVERSITY, Department of Computer Science. The Department of Computer Science of Georgia State University invites applications for an anticipated tenure-track position for assistant professor beginning the fall semester, 2005. Earned Ph.D. in Computer Science, or a closely related discipline, and an excellent record of publications in computer science are required with preference for extramural funding. Preference is for individual with specialty in networking, databases, digital image processing, bioinformatics or operating systems. The department offers programs leading to the B.S., M.S., and Ph.D. degree in Computer Science. Departmental computing facilities for research and instruction include a departmental network of PCs, Unix/Linux workstations, two interconnected Beowulf clusters, and a 24-processor shared-memory high-performance computer, and five labs, including a hypermedia and visualization research laboratory. A full-time systems programmer supports the departmental computing facilities. Applicants should send a letter of application, vita without birth date, but with citizenship status, and three letters of reference and transcripts of all graduate work to: Chair, Department of Computer Science, Georgia State University, 34 Peachtree Street, Suite 1450, Atlanta, Georgia, 30303 (or e-mail to: mfaser@cs.gsu.edu). Applications will be accepted until position is filled. Georgia State University is an EEO/AA institution.

PENN STATE UNIVERSITY. PENN STATE BEAVER, a campus of Penn State’s Commonwealth College, seeks a COMPUTER SCIENCE faculty member to start August 2005 (tenure-track or multi-year appointment, depending on qualifications). RESPONSIBILITIES: Teach basic and intermediate programming courses for computer science majors and programming foundations courses for engineers and business majors. Support the Design and Development option of the B.S. in Information Sciences and Technology. Advise students. Publish in refereed journals (tenure-track) and participate in curriculum development and service activities. QUALIFICATIONS: Ph.D. in computer science or related field (tenure-track); Masters degree in computer science or related field (multi-year appointment). Visit http://ccwhome.psu.edu for information on the position, campus, and college. APPLICATION: Submit a letter of application, resume, and the names, addresses, telephone numbers, and email addresses of three references to: COMONWEALTH COLLEGE FACULTY SEARCHES, PENN STATE UNIVERSITY, 111 OLD MAIN, BOX CS, UNIVERSITY PARK, PA 16802. Application review begins November 15, 2004 and continues until a suitable candidate is found. Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

IOWA STATE UNIVERSITY. The Electrical and Computer Engineering Department invites individuals with core expertise in software engineering, systems and controls, VLSI design, and electric power/energy systems to apply for faculty positions. Applicants in other areas will also be considered relative to emerging needs in the department. Duties and responsibilities include undergraduate and graduate teaching, impact-oriented research, and professional/institutional service. Candidates must have a Ph.D. degree in electrical engineering, computer engineering, computer science, or a related field, demonstrate potential to excel in the classroom, and demonstrate potential to establish and maintain a productive externally funded research program. Associate and Full Professor candidates should, in addition, have an excellent record of externally funded and internationally recognized research. Rank

It’s Our Technology That Separates Us From The Rest

For over a century, multi national, $4 billion, Fortune 500 YORK International has held the enviable position as a pioneering leader in the design/development of cutting-edge HVAC&R systems. Utilizing some of the most advanced technologies available, we are today actively engaged in the development of systems that will meet the demanding requirements of a rapidly changing 21st Century global market. Currently, we are seeking the following career-focused, technology driven professionals to become integral members of our dynamic team:

TECHNICAL MANAGER Software Development
Applying your leadership skills in a fast-paced, schedule-driven, team-oriented environment, you will take on responsibility for the leadership of a software development and test group and maintain embedded systems software. Preparing/maintaining accurate project schedules and budgets, you will develop software functional specifications, independently code, test, debug and modify complex embedded systems software programs, manage the efficient development of high quality embedded system software for multiple customers, and coordinate/participate in software design reviews. Promoting teamwork and providing direction to software engineers and software technicians to thoroughly test and complete projects on time and within budget, you will also function as a technical member of one or more project teams. Along with a BSEE or Computer Engineering Degree and at least 13 years of C and C++ embedded systems software development experience, you can contribute if you can:

Software Development Manager (Miami, FL)

- Along with a BSEE or Computer Engineering Degree and at least 5 years C and C++ embedded systems software development experience, you must be proficient in C and C++... arenecessary. Knowledge of BACnet, Modbus and Ethernet is desired. Basic computer skills a must; Microsoft Project a plus.

- Along with a BSEE or Computer Engineering Degree and at least 13 years of C and C++ embedded systems software development experience, your credentials must include a minimum of 3 years management experience, and knowledge of BACnet, Modbus and Ethernet. Prior experience with industrial control systems 8/16/32 bit microcontroller architecture, RS-485 and RS-232 serial communications also required. Proficiency in C and C++... are necessary. Basic computer skills a must; Microsoft Project a plus.

SOFTWARE DEVELOPMENT ENGINEER

Responsible for the development and maintenance of embedded systems software for our large tonnage chillers, controls, you will independently code, test, debug and modify complex embedded systems software programs; prepare/maintain project schedules and budgets, function as a technical member of one or more project teams... advise, coordinate and participate in software design reviews. Documenting and archiving software program releases, you will also work as a team member with other software engineers and provide direction for software test technicians to thoroughly test and complete projects on time and within budget, and develop software functional specifications.

Along with a BSEE or Computer Engineering Degree and at least 5 years C and C++ embedded systems software development experience, you must be proficient in C and C++... are necessary. Knowledge of BACnet, Modbus and Ethernet is desired. Basic computer skills a must; Microsoft Project a plus.

Salaries are very competitive and benefits comprehensive. To begin a dynamic career with us, please visit our website and apply for the specific job number that interests you. We are an equal opportunity/affirmative action employer committed to diversity in the workforce.

www.york.com
and salary are commensurate with qualifications. Screening will begin on November 1, 2004 and continue until positions are filled. The WEB site http://cassie.ece.iastate.edu/newfac provides application details and additional information about these positions. ISU is an AA/EEO.

COLLEGE OF WILLIAM & MARY, Faculty Positions in Computer Science. Applications are invited for three tenure-track faculty positions in Computer Science for the Fall 2005 at all academic ranks. Applicants must hold a Ph.D. in computer science or a related field. Appointment at the assistant professor level requires that the applicant must hold a Ph.D. at the time of appointment and demonstrate a strong research record and high interest in teaching. Appointment at a senior level requires a documented record of sustained excellence in both research and teaching. We are primarily interested in individuals with research expertise in the following areas: compilers and programming languages, computational biology, database systems and data mining, and graphics and visualization. However, strong applicants from all other areas of computer science will be considered. The College of William and Mary, consistently ranked in the elite group of the Best National Universities -- Doctoral and Salaries consistent with current research activities in the department. Candidates with expertise in other core areas of computer science or computer engineering may be considered. The successful candidate will be expected to teach undergraduate and graduate courses, with primary teaching responsibilities at the Edwards Campus of the University of Kansas, located in the Kansas City metropolitan area; demonstrate the potential to develop a successful research program; and willing to promote a graduate program aimed at working professionals. For more information, please visit: http://www.eecs.ku.edu/jobs/edwards_search.html. Applications and nominations should be sent to Prof. Hossein Saiedian, EECS Dept., University of Kansas, Eaton Hall, 1520 W. 15th Street, #2001, Lawrence, KS 66045-7621. A complete application will include a letter of application, curriculum vita, and names and addresses of three references. Applications will be reviewed beginning December 1, 2004, and will be accepted until the positions are filled. EO/AA employer.

THE UNIVERSITY OF KANSAS, Electrical Engineering and Computer Science. The Department of Electrical Engineering and Computer Science seeks to fill three tenure track assistant professor positions. Requirements are an earned doctorate in computer science, computer engineering, or closely related field. Preference will be given to those with expertise in one or more of the following areas: software engineering, computer networks, databases, information security, or programming languages and those with industrial research experience and interests consistent with current research.

INFORMATION SYSTEMS ANALYST. Analyze data processing problems for apps to EDP systems; plan, implement and administer integration, consolidation, development and security of GIS databases; establish GIS repositories, develop systems and applications using WWW technology. Bachelor or higher,
Management Information Systems or Computer Science; exp programming in ASP, SQL Server and MS Access. One year exp with computer hardware and GIS software. Exp may be obtained concurrently. Send resume within 30 days of publication to Dianne Brathwaite, St. James Parish Council, P.O. Box 106, Convent, LA 70723. Must reference job #23661 to be considered for position.

UNIVERSITY OF CALIFORNIA, MERCED, School of Engineering: SIX Computer Scientists & Engineers. Tenured or tenure-track faculty. Rank open; experience preferred. Unique opportunity for individuals to join inaugural faculty in the School of Engineering at new University of California campus. Areas of interest include database development, mining and informatics, networks, distributed systems, networked sensing, signal processing, graphics, visualization, spatial analysis, software engineering, OS development, and hardware architecture. To apply or for more information, please visit our website: http://www.ucmerced.edu/employment/list_position.asp?position_id=187. AA/EOP Employer.

IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY, Tenure-track Position. The Department of Computer Science has one tenure-track faculty position open for Fall 2005. We are especially interested in hiring an experimentalist at the assistant professor level in Software Engineering, Networks and Systems. The position requires a Ph.D. in Computer Science or a closely related field and outstanding potential for research in computer science and promise of effective teaching at undergraduate through graduate levels. Candidates who are in the final stages of obtaining a Ph.D. will also be considered. The department currently consists of 26 full-time tenure-track faculty and offers B.S., M.S., and Ph.D. degrees in Computer Science. It also participates in interdepartmental graduate programs in Bioinformatics and Computational Biology, Computational Intelligence, Learning and Discovery, Human-Computer Interaction, and Information Assurance. The department has about 500 undergraduates, 40 M.S. students and 100 Ph.D. students. Almost all graduate students are supported either as RA or TA. The department has strong research and educational programs in Algorithms and Complexity, Artificial Intelligence, Bioinformatics and Computational Biology, Databases, Data Mining, Parallel and Distributed Computing, Information Assurance, Programming Languages, Multimedia Systems, Operating Systems and Networks, and Software Engineering. A dynamic faculty, moderate teaching load (typically 3 courses per year for active researchers with further reductions for junior faculty), strong graduate program, and well-funded research program provide an excellent academic environment. In addition, cutting-edge research and education are nurtured through interdisciplinary interactions facilitated by the Laurence H. Baker Center for Bioinformatics and Biological Statistics, the Information Assurance Center, DOE Ames Laboratory, and the Virtual Reality Application Center. Iowa State University is a major land-grant university located in Ames, Iowa. It is a pleasant, small, cosmopolitan city with a population of over 50,000 (including about 27,000 students), a vibrant cultural scene, an excellent medical clinic, and a secondary school system that ranks among the best in the United States. In 2002, Ames was ranked as the 20th best place to live in North America. Applicants should send a curriculum vita, including the names and addresses of at least three references, to: Chair of Search Committee, Department of Computer Science, Iowa State University, Ames, Iowa 50011-1041, Fax: 515-294-0258, Tel. 515-294-4377, E-mail: faculty-search@cs.iastate.edu, URL: www.cs.iastate.edu. Review of applications will begin on November 15, 2004 and will continue until the position is filled. ISU is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

THE UNIVERSITY OF TEXAS AT DALLAS
ERIK JONSSON SCHOOL OF ENGINEERING AND COMPUTER SCIENCE
DEPARTMENT OF ELECTRICAL ENGINEERING
Faculty Positions – Digital Systems

The Erik Jonsson School of Engineering and Computer Science at the University of Texas at Dallas invites applications for a senior faculty position in the department of Electrical Engineering in the area of digital systems design. This area includes but not limited to VLSI systems design, computer architecture, hardware modeling, embedded systems, system level design and more. Position is at the associate or full professor level, starting spring, summer, or fall 2005. The candidate must have a Ph.D. degree in Electrical Engineering, Computer Engineering or equivalent and a strong record of research, teaching, and external funding. A significant start-up package has been budgeted for these positions.

The Department offers the Ph.D. and M.S. degrees and an ABET-accredited Bachelor’s degree in Electrical Engineering. The graduate program in Electrical Engineering prepares individuals to perform original, leading edge research in the broad areas of communications and signal processing, analog IC design and sensor systems, digital systems, microelectronics and nanoelectronics, optics and optoelectronics, lightwave devices and systems, and wireless communications. Because of our strong collaborative programs with Dallas-area microelectronics and telecommunications companies, special emphasis is placed on preparation for research and development positions in these high-technology industries. In addition, the Department of Electrical Engineering and the Department of Computer Science collaborate in offering Ph.D. and M.S. degrees in interdisciplinary fields, Computer Engineering and Telecommunications Engineering, as well as the first ABET-accredited Bachelor’s degree in Telecommunications Engineering in the United States. Currently the Department has a total of 32 tenure-track faculty and 7 senior lecturers.

The University is located in one of the most attractive suburbs of the Dallas metropolitan area. There are over 900 high-tech companies within 5 miles of the campus, including Texas Instruments, Nortel Networks, Alcatel, Ericsson, Hewlett-Packard, Nokia, Fujitsu, MCI, EDS, and Perot Systems. Several leading telecommunications companies have major research and development facilities in our neighborhood. Opportunities for joint university-industry research projects are excellent. The Erik Jonsson School has experienced very rapid growth in recent years and expects to become a top-ranked engineering school in the next five years by strengthening and expanding its programs, recruiting outstanding faculty and Ph.D. students, increasing funded research, and establishing new programs. The Jonsson School will benefit from a $300 million program of funding from public and private sources over the next five years (see www.utdallas.edu/utdgeneral/news/ - June 20, 2003).

For more information, send e-mail to Dr. Kamran Kiasaleh, Search Chair, kamran@utdallas.edu, or view the Internet Web page at http://www.utdallas.edu/dept/eecs/departments.html. The search committee will begin evaluating applications as soon as possible and will continue until the position is filled.

Applicants should mail a resume (indication of sex and ethnicity for affirmative action statistical purposes is requested but not required), with a list of at least five academic or professional references as soon as possible to:
Academic Search #764
The University of Texas at Dallas
P.O. Box 830688, MS AD 23
Richardson, TX 75083-0688

UTD is an AA/EO Employer and strongly encourages applications from candidates who would enhance the diversity of the University’s faculty and administration.

October 2004
TENURE TRACK FACULTY POSITIONS: THE UNIVERSITY OF TEXAS AT DALLAS:

Applications are invited for assistant professor level tenure-track positions in the Department of Computer Science and Engineering. We are particularly interested in candidates with expertise in systems and software areas including databases, distributed systems, operating systems, security and software engineering. Applications are also invited for several non-tenure-track faculty positions with primary responsibilities for teaching in all areas of computer science and engineering. Rank and salary commensurate with qualifications and experience. Screening of applications will begin on November 15, 2004, and will continue until the positions are filled. For the tenure track positions, candidates are preferred who have completed or are near completion of a Ph.D. degree in computer science, computer engineering, electrical engineering or related areas. For the non-tenure track positions, candidates are preferred who have completed or are near completion of a Ph.D. degree in above areas and also, those with a M.S. degree and considerable teaching experience will be considered. The Department of Computer Science and Engineering (http://www.cse.utdallas.edu) has 22 faculty members and offers BS, MS, and PhD degrees. The graduate program serves some 150 students. The research program is well supported (3.3M in 2003) by federal and state agencies including DARPA, NIH, NSF, ONR, and USGS, as well as industry. A strong partnership for inter-disciplinary research exists with the other research centers at the university as well as the H. Lee Moffitt Cancer Center and Research Institute. The application package should include a cover letter, curriculum vitae, brief statement outlining research and teaching goals, and the names and contact information of at least three references. Applications are sent via email to faculty-search@cse.utdallas.edu. Hardcopy applications may be mailed to the Search Committee Chair, Box B, Computer Science and Engineering, University of South Florida, 4202 E. Fowler Avenue, ENB-118, Tampa, FL 33620-5350. The University of South Florida has about 42,000 students and is among the 20 largest schools in the nation. It is located in the Tampa Bay metropolitan area with a population of about 2.5 million. According to Florida law, applications and meetings regarding them are open to the public. The University of South Florida is an Equal Opportunity/Equal Access/Affirmative Action Institution. Women and minorities are strongly encouraged to apply. Dual career couples with questions about opportunities are encouraged to contact the department chair.

WAYNE STATE UNIVERSITY, Faculty Position in Department of Electrical and Computer Engineering:

Applications are invited for several tenure track faculty positions in the Department of Computer Science and Engineering. We are particularly interested in candidates with expertise in systems and software areas including databases, distributed systems, operating systems, security and software engineering. Applications are also invited for several non-tenure-track faculty positions with primary responsibilities for teaching in all areas of computer science and engineering. Rank and salary commensurate with qualifications and experience. Screening of applications will begin on November 15, 2004, and will continue until the positions are filled. For the tenure track positions, candidates are preferred who have completed or are near completion of a Ph.D. degree in computer science, computer engineering, electrical engineering or related areas. For the non-tenure track positions, candidates are preferred who have completed or are near completion of a Ph.D. degree in above areas and also, those with a M.S. degree and considerable teaching experience will be considered. The Department of Computer Science and Engineering (http://www.cse.usf.edu) has 22 faculty members and offers BS, MS, and PhD degrees. The graduate program serves some 150 students. The research program is well supported (3.3M in 2003) by federal and state agencies including DARPA, NIH, NSF, ONR, and USGS, as well as industry. A strong partnership for inter-disciplinary research exists with the other research centers at the university as well as the H. Lee Moffitt Cancer Center and Research Institute. The application package should include a cover letter, curriculum vitae, brief statement outlining research and teaching goals, and the names and contact information of at least three references. Applications are sent via email to faculty-search@cse.usf.edu. Hardcopy applications may be mailed to the Search Committee Chair, Box B, Computer Science and Engineering, University of South Florida, 4202 E. Fowler Avenue, ENB-118, Tampa, FL 33620-5350. The University of South Florida has about 42,000 students among the 20 largest schools in the nation. It is located in the Tampa Bay metropolitan area with a population of about 2.5 million. According to Florida law, applications and meetings regarding them are open to the public. The University of South Florida is an Equal Opportunity/Equal Access/Affirmative Action Institution. Women and minorities are strongly encouraged to apply. Dual career couples with questions about opportunities are encouraged to contact the department chair.

THE UNIVERSITY OF TEXAS AT DALLAS:

ERIK JONSSON SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

DEPARTMENT OF ELECTRICAL ENGINEERING

Faculty Positions – Senior Analog Design

The Erik Jonsson School of Engineering and Computer Science at the University of Texas at Dallas invites applications for a senior faculty position in the department of Electrical Engineering in the area of analog design and related areas, such as analog and mixed integrated circuit design, data converter, power management and sensor interfaces. Position is at the associate or full professor level, starting spring, summer, or fall 2005. The candidate must have a Ph.D. degree in Electrical Engineering or equivalent and a proven track record of scholarly research, teaching, and external funding. A substantial start-up package has been allocated for this position.

The Department offers the Ph.D. and M.S. degrees and an ABET-accredited Bachelor’s degree in Electrical Engineering. The graduate program in Electrical Engineering prepares individuals to perform original, leading edge research in the broad areas of communications and signal processing, analog IC design and sensor systems, digital systems, microelectronics and nanoelectronics, optics and optoelectronics, lightwave devices and systems, and wireless communications. Because of our strong collaborative programs with Dallas-area microelectronics and telecommunications companies, special emphasis is placed on preparation for research and development positions in these high-technology industries. In addition, the Department of Electrical Engineering and the Department of Computer Science collaborate in offering Ph.D. and M.S. degrees in two interdisciplinary fields, Computer Engineering and Telecommunications Engineering, as well as the first ABET-accredited Bachelor’s degree in Telecommunications Engineering in the United States. Currently the Department has a total of 32 tenure-track faculty and 7 non-tenure track faculty.

The University is located in one of the most attractive suburbs of the Dallas metropolitan area. There are over 900 high-tech companies within 5 miles of the campus, including Texas Instruments, Nortel Networks, Alcatel, Ericsson, Hewlett-Packard, Nokia, Fujitsu, MCI, EDS, and Perot Systems. Several leading telecommunications companies have major research and development facilities in our neighborhood. Opportunities for joint university-industry research projects are excellent. The Erik Jonsson School has experienced very rapid growth in recent years and expects to become a top-ranked engineering school in the next five years by strengthening and expanding its programs, recruiting outstanding faculty and Ph.D. students, increasing funded research, and establishing new programs. The Jonsson School will benefit from a $300 million program of funding from public and private sources over the next five years (see www.utdallas.edu/utdgeneral/news/ - June 20, 2003).

For more information, send e-mail to Dr. Kamran Kiasaleh, Search Chair, kamran@utdallas.edu, or view the Internet Web page at http://www.utdallas.edu/dept/eecs/departments.html. The search committee will begin evaluating applications as soon as possible and will continue until the position is filled.

Applicants should mail a resume with a list of at least five academic or professional references as soon as possible to:

Academic Search # 765
The University of Texas at Dallas
P.O. Box 830688, M/S AD 23
Richardson, TX 75083-0688.

UTD is an AA/EEO employer and strongly encourages applications from candidates who would enhance the diversity of the University’s faculty and administration.
ECE Department at Wayne State University invites applications from qualified candidates for four tenure-track positions in the areas of (1) computer engineering (computer architecture, VLSI system design, and embedded systems) and (2) smart sensors (sensor materials, micro-machining, bio-sensors, MEMS, and nano-systems). Candidates should have a Ph.D. degree in Electrical Engineering, Computer Engineering, or a related field, demonstrated ability to pursue competitive and funded research, and a strong commitment to teaching. The search is mainly at assistant professor level, but higher rank applicants with exceptional qualifications will also be considered. The appointment is expected to begin in Fall 2005. Classified as a Doctoral/Research Extensive University by the Carnegie Classification, WSU is located in the center of the nation’s manufacturing industry. The ECE department has many research collaborations with local industry. We have established a $15 million cleanroom facility with equipment donated by Delphi Automotive Systems and support from the University and Federal funding agencies. Currently the Department has strong research activities and many Federal sponsored projects in the areas of smart sensors and integrated microsystems, optical and semiconductor devices, nanotechnology, computer systems, control systems, imaging, and bioelectronics, with annual research expenditure over $5 million. Further information is available at www.ece.eng.wayne.edu. Applicants should submit a brief research and teaching plan, a resume, and the names and addresses of at least three references to: Prof. Greg Auner, Faculty Search Committee Chair, Dept. of Electrical and Computer Engineering, Wayne State University, Detroit, MI 48202, Email: ac2659@wayne.edu. Review of applications will begin immediately and continue until the position is filled. Wayne State University is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF CALIFORNIA, BERKELEY announces several tenure-track positions in ELECTRICAL ENGINEERING AND COMPUTER SCIENCES at Assistant Professor level, beginning Fall 2005, subject to budgetary approval. Joint searches with other Berkeley departments also considered. Applicants should have (or be about to receive) Ph.D. in Computer Science, Electrical Engineering, Computer Engineering, or related field. A principal requirement is demonstrated excellence in research; potential for excellence in teaching and leadership are important requirements. Successful applicants will be expected to establish a quality research program and teach both graduate and undergraduate courses in their general area of specialty. Candidates should send application consisting of resume, 1-2 page statement of future research and teaching interests/plans, selected publications, and names of three references you have asked to send recommendations. We will not consider applications received after March 1, 2005. However, review of completed applications will begin December 15, 2004. Recommendation writers should send letters directly to the appropriate address below, to arrive before January 1, 2005. Reference letters will NOT be requested directly by the department. Send Computer Science applications to: Debra Zaller, CS Search Committee, Computer Science Division, 381 Soda Hall, UC Berkeley CA 94720-1776. Send Electrical Engineering applications to: Jean Richter, EE Search Committee, Electrical Engineering-ECEs, 231 Cory Hall, UC Berkeley CA 94720-1770. University of California is an Equal Opportunity, Affirmative Action Employer.

SUBMISSION DETAILS: Rates are $275.00 per column inch ($300 minimum). Eight lines per column inch. Send copy at least one month prior to publication date to: Marian Anderson, Computer Magazine, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720-1314; (714) 821-8380; fax (714) 821-4010. Email: manderson@computer.org.