

**KUWAIT UNIVERSITY.** The Department of Information Science at the College for Women in Kuwait University invites applications for faculty positions at the ranks of Assistant, Associate, and Professor starting in February 2004 in the following areas: Information Science, Information Systems and Technology, Computer Science or Computer Engineering, Knowledge Management and Data Mining, etc. The medium of instruction is English. Responsibilities include teaching undergraduate courses, conducting independent scholarly research, and administrative duties. Both male and female candidates may apply. The ideal candidate must have a 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 or Professor level, the candidate must have a strong publication record in refereed international journals. The College for Women is part of Kuwait University which is one of the leading public institutions of higher learning in the Gulf region. The university emphasizes quality in teaching, research, and service. Kuwait University offers a generous benefit package that includes competitive tax-free salary that is determined according to rank and experience, annual air tickets for faculty member and his/her family (spouse and up to three children under the age of 20), 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 end-of-contract gratuity. The University also offers an excellent academic environment and financial research support. Interested candidates should submit a current CV with a cover letter indicating their areas of interest. It is preferred that candidates send their CV by e-mail at [jobs@cfw.kuniv.edu](mailto:jobs@cfw.kuniv.edu). Applications are accepted until the positions are filled. All communication (application and inquiries) 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](mailto:jobs@cfw.kuniv.edu).

**UNIVERSITY OF CENTRAL FLORIDA, Orlando, Florida, The School of Computer Science in the College of Engineering & Computer Science.** UCF Computer Science is looking for talented faculty in all areas of specialization. We expect to fill over 10 faculty lines in the next few years, and seek outstanding candidates for tenured and tenure-track faculty positions at all levels for appointments in 2004. We are particularly interested in candidates with research interests in bioinformatics, compilers, computer architecture, computer graph-

ics, computer vision, database and information systems, mobile systems, multimedia computing, networking, novel forms of computing, operating systems, parallel and distributed computing, and security/cryptography. We offer competitive salary and start-up packages to outstanding individuals, and our faculty enjoy generous benefits. New faculty have graduate student support and significantly reduced teaching loads. Special senior-level positions are available to exceptionally qualified individuals, and we welcome candidacies from coordinated groups of faculty. In the past five years, nine distinguished faculty have joined UCF Computer Science, and we seek to add to the growing strength of our program. Applicants should have a Ph.D. and a strong commitment to the academic process, including teaching, scholarly publications, and sponsored research. Candidates at the Associate or Full Professor level should have demonstrated leadership in their fields at the national/international level. Those applying for Assistant Professorships should have a track record of high quality publications, and be recognized for their potential. UCF Computer Science is the oldest Ph.D. granting CS program in the state of Florida. We have a rapidly growing educational and research program with over \$2.8MM in annual expenditures from grants and contracts, with over 250 graduate students and 860 undergraduate CS majors. In addition, we offer a B.S. degree in Information Technology (IT), with over 400 undergraduate majors. We also encourage faculty candidates for the IT program to respond to this ad. The University is strongly committed to continue the buildup of strength in CS, with significant special monetary support dedicated to maintain and expand the excellence of the School of Computer Science. Our Federal research sponsors include NSF, ARO, ONR, NASA, U.S. Army STRICOM, the Department of Transportation, and other agencies of the Department of Defense. We enjoy the support of numerous industrial sponsors including established companies such as Adaptec, ATI, Boeing, Harris, Honeywell, Imagesoft, Intel, Lockheed Martin, Lucent, Oracle, Schwartz Electro-Optics, as well as hi-tech start-ups such as Aximetric, Giganet Technologies, and Millenium Technologies. UCF has over 42,000 students and is among the nation's fastest growing universities. We are located in Orlando, FL at the center of the I-4 High Tech Corridor with a thriving industrial base in

telecommunications, computer systems, semiconductors, defense and space, lasers, simulation and software, and the world renowned entertainment industry. The Orlando metropolitan area enjoys an exceptional climate with rapid access to the Atlantic seashore and the Gulf of Mexico. Because of the presence of major theme parks such as Disney World, Sea World and Universal Studios, we benefit from a major airport with numerous direct international and national connections. Orlando is also a major center for national and international technical conferences. Please send applications electronically (PDF format is preferred) to [cs-positions@cs.ucf.edu](mailto:cs-positions@cs.ucf.edu). Applications should include a cover letter, a detailed CV, a Research Statement, a Teaching Statement, and five names of references. Alternatively, though not preferred, hardcopy applications may be sent to: Chair, Computer Science Search Committee, School of Computer Science, University of Central Florida, Orlando, FL 32816-2362. Applications received by January 31, 2004 will be given priority. The University of Central Florida is an Equal Opportunity/Affirmative Action employer. Women and minorities are particularly encouraged to apply. As an agency of the State of Florida, UCF makes all application materials and selection procedures available for public review.

**THE UNIVERSITY OF TEXAS AT ARLINGTON, Computer Science and Engineering Department, Faculty Openings for Fall 2004.** The University of Texas at Arlington (UTA), Computer Science and Engineering (CSE) Department - [CSE@UTA](mailto:CSE@UTA) invites applications for multiple tenure-track faculty positions at all levels. However, preference will be given to positions at assistant or associate professor levels. All areas of computer science will be considered, including: computer security; bio-informatics, software engineering; pervasive computing; multimedia and video processing; intelligent systems; networks and telecommunications; database and data mining; and applied theory. UTA, part of The University of Texas System, is located in the heart of the rapidly growing Dallas/Fort Worth area, one of the nation's largest high-technology regions, with a flourishing industrial base and excellent opportunities for industry/university collaboration. We at [CSE@UTA](mailto:CSE@UTA) are committed to excellence in research, teaching, and service. We are in the

**SUBMISSION DETAILS:** Rates are \$275.00 per column inch (\$300 minimum). Eight lines per column inch and average five typeset words per line. 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](mailto:manderson@computer.org).


Fourth year of our "Top 25 Initiative" plan to reach a national top 25 ranking within 10 years. The initiative is strongly supported by all CSE@UTA stakeholders including the UTA administration, faculty, students and alumni, and industry partners. Since 2000, we have added 8 new tenure track faculty and 5 new full-time non-tenure track faculty to our roster of 38 full-time faculty. The number of our PhD students has more than doubled since 2000 and the actively funded research awards exceeded \$5.8 million in 2002-03 academic year. Applicants must have an earned doctorate in computer science, computer engineering, or closely related fields and a commitment to teaching and scholarly research. Applicants are expected to have an excellent record of professional accomplishments, commensurate with their level of experience. The faculty opening is anticipated for September 2004. Screening of applications will begin immediately and will continue until all positions are filled. Interested persons should submit a letter of application, a resume, and reference letters online at: <http://www.cse.uta.edu/application/>. Please note that we do not accept hard-copy submissions. For additional information, please contact: Dr. David Kung, Chair of Search Committee, Department of Computer Science and Engineering, The University of Texas at Arlington,

Phone: 817-272-3605, FAX: 817-272-3070, Email: [search@cse.uta.edu](mailto:search@cse.uta.edu); <http://www.cse.uta.edu>. The University of Texas at Arlington is an Equal Opportunity/Affirmative Action Employer.

**NORTHWESTERN UNIVERSITY.** Applications are invited for tenure-track faculty positions starting September 1, 2004 in the Department of Electrical and Computer Engineering of the Robert R. McCormick School of Engineering and Applied Science at Northwestern University. We have needs in the following areas: Solid State and Photonics, with an emphasis on nanotechnology; Systems, with an emphasis on networks and communications; Computer Engineering, with an emphasis on computer architecture. The candidates must have a Ph.D. or equivalent in Electrical and Computer Engineering or Computer Science, and will be expected to teach three to four quarter courses per year, perform research, and supervise graduate students. We are primarily looking for candidates at the Assistant Professor level (except in the Solid State and Photonics area, where we are searching for a senior faculty member); however, outstanding candidates at the Associate and Full Professor levels will also be considered. The ECE department has 31 full-time faculty members, 250 undergraduate and 120

graduate students, and many state-of-the-art laboratory facilities. The department offers B.S., M.S., and Ph.D. degrees in both Electrical Engineering and Computer Engineering. For more information about the department, please check: <http://www.ece.northwestern.edu>. Northwestern University is an Affirmative Action/Equal Opportunity Employer. Applications from women and minorities are especially encouraged. Hiring is contingent upon eligibility to work in the United States. The deadline for applications is February 1, 2004; however, the search will continue until the positions are filled. Please send a resume and names of at least five references to: Professor Prith Banerjee, Chairman, Department of Electrical and Computer Engineering, Northwestern University, 2145 Sheridan Road, Evanston, IL 60208-3118. EMAIL: [banerjee@ece.northwestern.edu](mailto:banerjee@ece.northwestern.edu). Phone: (847) 491-3641.

**INDIANA UNIVERSITY, Computer Science Department, Faculty Position.** The Indiana University Computer Science Department anticipates filling a tenure track, assistant professor position beginning in the fall of 2004. Though applications from all areas of computer science are welcome, we are strongly interested in candidates with research interests in embedded systems, algo-



## Rensselaer

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### TENURE-TRACK FACULTY POSITION

#### Computer Science

The Division of Engineering and Science (DOES), Rensselaer at Hartford, invites applications for a tenure-track or tenured position for the 2005 academic year beginning in Fall 2004. Rank will be commensurate with qualifications. The candidate must have a Ph.D. in computer science or closely-related area and have demonstrated sufficient promise or achievement in both research and teaching. Candidates from the general area of User Interface Design are especially encouraged but we welcome strong candidates in any area. The candidate will teach graduate-level courses, supervise Ph.D. students, and be expected to develop an externally funded research program.

Rensselaer at Hartford, ([www.rh.edu](http://www.rh.edu)), a branch campus of Rensselaer Polytechnic Institute, focuses on education for the working professional. Over 1000 part-time students are seeking MBA or Master of Science degrees in management, computer science, information technology, and engineering. Rensselaer at Hartford's campus is located in the center of Connecticut, well positioned within a corridor of many of America's largest corporations and entrepreneurial organizations. The region offers a rich and diverse cross section of industries and financial institutions. Hartford is conveniently located within a short distance to many cultural, recreational, and educational opportunities. This is an exciting opportunity for a strong, dynamic individual to be a leader in the growth of a campus from an almost entirely education orientation to a mixture of education and research, without ever losing focus on the high-end working professional.

We offer competitive salaries and an excellent benefits package that includes health, dental, and life insurance, a retirement plan, tuition assistance, and much more. Find out more details at: [www.hr.rpi.edu](http://www.hr.rpi.edu).

To apply, send a CV and list of references with a cover letter summarizing your qualifications to: Alan Eckbreth, VP and Dean, Rensselaer at Hartford, 275 Windsor Street, Hartford, Connecticut 06120; or e-mail: [hr@rh.edu](mailto:hr@rh.edu)

Applications material received by February 29, 2004 will receive full consideration.

Rensselaer Polytechnic Institute, an equal opportunity-affirmative action employer, particularly encourages applications from women and minority candidates.

INFORMATICS  **iCORE**  
CIRCLE OF RESEARCH EXCELLENCE

### iCORE Research Chair

#### Distributed High Performance Computing

The Alberta Informatics Circle of Research Excellence (iCORE), in conjunction with Alberta universities, is seeking a Chair to lead a research program in the distributed systems, high performance computing, or grid computing areas. The Chair is expected to be an internationally recognized, exceptional researcher who will develop a research team in one or more of these areas.

Western Canada, through the WestGrid project (<http://www.westgrid.ca>), has invested \$44 million in high performance computing research infrastructure that spans Calgary, Edmonton and Vancouver. These grid-enabled HPC resources are connected by a leading-edge dedicated optical network.

iCORE Chairs can be held at any of the three research universities in Alberta: University of Alberta, University of Calgary and the University of Lethbridge.





Successful applicants will be appointed with tenure and have substantial research funding for an initial period of five years, renewable once for a second five years.

**Salaries and research funding associated with iCORE Chairs are highly competitive.**

**If you are interested, or know of someone who may be interested, please contact:**

Lynn Sutherland, Vice President, Programs  
(403) 210-5335 [sutherland@icore.ca](mailto:sutherland@icore.ca)

[www.icore.ca](http://www.icore.ca)

gorithms and programming languages. The CS department, which is part of the College of Arts and Sciences, is working closely with our new School of Informatics which is also seeking to fill CS related positions. 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](http://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](mailto:search@cs.indiana.edu). Indiana University is an Equal Opportunity/Affirmative Action Employer. The Computer Science Department strongly encourages applications from women and minorities.

**THE UNIVERSITY OF CALIFORNIA, BERKELEY.** THE UNIVERSITY OF CALIFORNIA, BERKELEY invites applications for tenure-track positions in ELECTRICAL ENGINEERING AND COMPUTER SCIENCES at the Assistant Professor, Associate Professor, or Full Professor level, beginning in Fall Semester 2004, subject to budgetary approval. Several faculty searches have been approved. We are also considering the possibility of joint searches with other UC Berkeley departments. Applicants should have received (or be about to receive) a doctoral degree in Computer Science, Electrical Engineering, Computer Engineering, or a related field. A principal requirement is demonstrated excellence in research. In addition, potential for excellence in teaching and leadership are important requirements. Successful applicants will be expected to establish a quality research program and to teach both graduate and undergraduate courses in their general area of specialty. Interested persons should send an application consisting of a resume, a one- to two-page statement of their future research and teaching interests/plans, a select subset of publications, and the names of three references whom you have asked to send in recommendations. Review of completed applications will begin December 15, 2003. We will not consider applications received after March 1, 2004. Recommendation writers should send letters directly to the same address where applications are sent, to arrive before January 1, 2004 if possible. Reference letters will NOT be requested directly by the depart-

ment. Computer Science applications should be sent to: CS Faculty Search Committee, c/o Debra Zaller, Computer Science Academic Personnel, 381 Soda Hall # 1776, UC Berkeley, CA 94720-1776. Electrical Engineering applications should be sent to: EE Faculty Search Committee, c/o Jean Richter, Electrical Engineering Academic Personnel, 231 Cory Hall # 1770, UC Berkeley, CA 94720-1770, The University of California is an Equal Opportunity, Affirmative Action Employer.

**UNIVERSITY OF CALIFORNIA, LOS ANGELES, DEPARTMENT OF COMPUTER SCIENCE.** The Department of Computer Science in the Henry Samueli School of Engineering and Applied Science at the University of California, Los Angeles, invites applications for tenure-track positions in all areas of Computer Science and Computer Engineering. Applications are also strongly encouraged from distinguished candidates at senior levels. The UCLA Campus administration is committed to significant growth in the faculty of the Computer Science Department, with a projection of 2-3 new faculty members per year for the next two years. Quality is our key criterion for applicant selection. Applicants should have a strong commitment to both research and teaching and an outstanding record of research for their level. We seek applicants in any mainstream area of Computer Science and Computer Engineering. To apply, please visit <http://www.cs.ucla.edu/recruit>. Faculty applications received by January 15 will be given full consideration. The University of California is an Equal Opportunity/Affirmative Action Employer.

**UNIVERSITY OF WASHINGTON, Tenure-Track, Research, and Teaching Faculty.** The University of Washington's Department of Computer Science & Engineering has one or more open positions in a wide variety of technical areas in both Computer Science and Computer Engineering, and at all professional levels. A moderate teaching load allows time for quality research and close involvement with students. Our recent move into a beautiful new building, the Paul G. Allen Center for Computer Science & Engineering, allows many opportunities for new projects and initiatives. Information about the department can be found on the web at <http://www.cs.washington.edu>. We welcome applicants in all CSE research areas (but especially candidates whose research interests include hardware). We expect candidates to have a strong commitment both to research and to teaching. The department is primarily seeking individuals at the Assistant Professor rank; however, under unusual circumstances and commensurate with the

qualifications of the individuals, appointments may be made at the rank of Associate Professor or Professor. We are also seeking non-tenured Research Assistant Professors and Lecturers. Applicants for the tenure-track and research positions must have earned a doctorate by the date of appointment; those for the lecturer position must have earned at least a Master's degree. Please apply online at <http://www.cs.washington.edu/news/jobs.html>, or if web access is impossible, send a letter of application, a resume, statement of research and teaching interests, and the names of four references to: Faculty Recruiting Committee, Computer Science & Engineering, University of Washington, Box 352350, Seattle, WA 98195-2350. Applications received by January 30, 2004 will be given priority consideration. The University of Washington is a recipient of a new National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. We are building a culturally diverse faculty and encourage applications from women and minority candidates. The University of Washington is an affirmative action, equal opportunity employer.

**DUKE UNIVERSITY, Department of Computer Science.** Experimental Systems Faculty Position: We invite applications and nominations for a tenure-track or tenured faculty position at any rank in the Department of Computer Science at Duke University, to start September 2004. Preference will be given to applicants in the various areas of experimental systems and architecture. We are seeking to build upon our strong, highly collaborative group in experimental systems. We are broadly interested in all areas of experimental systems with emphasis on databases, computer architecture, networking, security, and distributed systems. Computational Biology Faculty Position: We invite applications and nominations for a tenure-track assistant professor position in the Department of Computer Science at Duke University, effective from September 2004. We seek applicants with outstanding records in the general area of computational biology and bioinformatics. The areas of particular interest include but are not limited to sequence analysis, functional genomics, transcriptomics, structural genomics, machine learning and data mining, and computational simulation and mathematical modeling. For more information about the faculty, facilities and other resources, please refer to [www.cs.duke.edu](http://www.cs.duke.edu). Applications should be submitted online at <http://www.cs.duke.edu/csnews/facsearch>. Applications should include a curriculum vitae, a list of publications, and copies of the most important publications. A Ph.D. in computer science or related area is required.

## BIOINFORMATICS FACULTY COMPUTER SCIENCES DEPARTMENT *The City College of the City University of New York*

The City College invites applications for a tenure track faculty position in Bioinformatics at the Assistant Professor level, starting with the Fall semester of 2004. We seek applicants with an active research profile in biologically, chemically or medically oriented computer science, design an active collaboration with workers in biomedical engineering, and who can develop ties with the local pharmaceutical and medical industries. Applicants must have a PhD in Computer Science or an allied field, a demonstrated record of publications and a commitment to research excellence.

City College is the oldest college of the City University system; Computer Science resides within the School of Engineering, which also houses the Department of Biomedical Engineering. The Computer Science Department offers the BS and MS in Computer Sciences; the PhD is offered as well, in collaboration with the Graduate School of the City University of New York. The BE in Computer Engineering is offered jointly with the Department of Electrical Engineering.

The Department's active research reflects its position in the School of Engineering, and encompasses diverse areas of Computer Science and Engineering. Our primary research concentrations are in computational geometry and vision, speech recognition, scientific computation, data systems and information retrieval, distributed computing information security and assurance, combinatorial mathematics, web-based human-computer interaction information management and E-commerce, multimedia networks and digital libraries, computational methods for image and speech processing, remote sensing, and computational algebra. Further information can be obtained from the Department's web site as <http://www-cs.engr.cuny.cuny.edu>.

Information on the City College Department of Biomedical Engineering can be obtained at <http://www.cuny.cuny.edu/nycbe>; information on the City University PhD program in Computer Science can be obtained at <http://web.gc.cuny.edu/Computerscience>.



Applications with vitae and names of three (3) references, must be postmarked by February 15, 2004, to **Professor Douglas Troeger, Chair, Computer Sciences Department, R8/206, The City College of New York, Convent Avenue at 138th St., NY, NY 10031.**

*The City College/CUNY is an EEO/AA/IRCA/ADA Employer.*

## IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Electrical and Computer Engineering Iowa State University of Science and Technology invites applications for **The Palmer Chair in Electrical and Computer Engineering**: Candidates in any traditional or emerging area of Electrical and Computer Engineering will be considered. Applicants should have credentials appropriate for a distinguished position at the rank of full professor. Applicants must have a) an earned doctorate in electrical or computer engineering or related area, b) effective communication skills and experience working closely with undergraduate and graduate students, c) strong record in research and scholarship, d) national and international acclaim in their areas of expertise, e) demonstrated ability to interact productively with industrial community and/or governmental agencies, and f) demonstrated ability to provide leadership and mentoring to build a strong research and teaching program in their areas of expertise. The responsibilities include: 1) teaching at the undergraduate and graduate levels, 2) establishing and directing leading edge research program and publishing **highly cited** research results in leading journals and conferences, 3) guiding graduate students, 4) seeking, establishing, and maintaining external research funding, 5) providing leadership in professional and outreach activities. Full information can be found at the department website [www.ece.iastate.edu](http://www.ece.iastate.edu). Application deadline is March 31, 2004 or until position is filled. Applicants should send a letter of application and a resume including at least three references to Arun K. Somani, Chair, Electrical and Computer Engineering Department, 2215 Coover Hall, Iowa State University, Ames, Iowa 50011-3060. ISU is an EO/AA employer.

## D. E. Shaw Research and Development

### Research on Algorithms and Architectures for Computational Biochemistry

Extraordinarily gifted computer scientists, systems architects, electrical engineers and systems software professionals are sought to join a rapidly growing New York-based research group pursuing an ambitious, long-term project aimed at achieving major scientific advances in the field of biochemistry and fundamentally transforming the process of drug discovery. This research effort is being financed by the D. E. Shaw group, an investment and technology development firm with approximately \$6 billion in aggregate capital, and operates under the direct scientific leadership of its founder, Dr. David E. Shaw.

Among the group's current research activities is a project aimed at developing a massively parallel special-purpose super-computer and innovative mathematical and computational techniques to direct unprecedented computational power toward the solution of key scientific and technical problems in the fields of molecular simulation and 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.

Serious candidates will have an exceptionally distinguished history of academic and/or industrial accomplishment in computer science, electrical engineering, applied mathematics, or a related area. Particularly relevant areas of expertise might include parallel computation, high-speed interconnection networks, scientific computing, numerical analysis, optimization, the analysis of algorithms, operating systems, digital systems simulation, reconfigurable computing, and ASIC design, but specific knowledge of any of these areas is less critical than exceptional intellectual ability and a demonstrated track record of achievement. We are prepared to reward exceptionally well-qualified individuals with above-market compensation.

Please send your curriculum vitae (including list of publications, thesis topic, and advisor, if applicable) to [Research.Development7@deshaw.com](mailto:Research.Development7@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.*

DE Shaw & Co

Assistant Professor applicants should arrange for at least four letters of reference to be sent preferably via email (facsearch@cs.duke.edu) to the Faculty Search Chair. Senior candidates should provide the names and contact information of three potential references. To guarantee full consideration, applications and letters of reference should be received no later than January 15, 2004. facsearch@cs.duke.edu. Faculty Search Chair, Department of Computer Science, Duke University, Durham, NC 27708-0129. Duke University is an affirmative action, equal opportunity employer.

**UNIVERSITY OF CENTRAL ARKANSAS.** The Computer Science Department at the University of Central Arkansas (UCA) invites applications for a tenure-track faculty position, with rank based on qualifications, to be started in the fall semester of 2004. Applicants should have a PhD degree in an area of computer science/engineering. A strong commitment to excellence in teaching, and research involving students is expected. The department is located in a new building equipped with state-of-the-art equipment and facilities, and it enjoys strong support from local corporations. The department offers a Bachelor's degree for about 200 majors, and will

launch its new Master's program, in spring, 2004. For more information about the university and the department, please visit <http://www.cs.uca.edu>. UCA is committed to excellence in undergraduate and graduate education, and fosters student-centered learning, technology enhanced pedagogies, and research experiences for all students. UCA is located in Conway, about 25 miles away from Little Rock, and has convenient access to numerous recreational sites. To apply, send a curriculum vita, statements of teaching and research interests, and contact information for at least three references to: Chair, CS Search Committee, Lewis Science Center Room 105, College of Natural Sciences and Mathematics, University of Central Arkansas, Conway, AR 72035. Electronic submissions may be sent to [CSearch@mail.uca.edu](mailto:CSearch@mail.uca.edu). Review will begin immediately and continue until the position is filled. UCA is an Equal Opportunity Affirmative Action Employer.

**UTAH STATE UNIVERSITY, Department of Computer Science.** Assistant Professor starting Fall 2004 specializing in applied computer science (Bio-informatics, Software systems, Multi-agent systems). See <http://personnel.usu.edu/> for details. Qualified applicants should

send a letter of interest, current curriculum vita (statements of research experience and interests, proposals written and funded, publications, and teaching experience), and the names of three references that the committee may contact, to: [search@cs.usu.edu](mailto:search@cs.usu.edu) or Faculty Search Committee, Dept. of Computer Science, Utah State University, Logan, UT 84322-4205.

**UNIVERSITY OF CALIFORNIA, SANTA BARBARA, Faculty Position: Department of Computer Science.** The University of California Santa Barbara invites applications for faculty positions in Computer Science and Computer Engineering. The Department of Computer Science currently has 25 full-time faculty and approximately 200 graduate students (including approximately 120 Ph.D. students) involved in various research areas including digital libraries and databases, parallel and distributed systems, programming languages, networking, computer and network security, theory of computation, algorithms, computer vision, human-computer interaction, bioinformatics, and computational science and engineering. The Department of Computer Science is part of the expanding College of Engineering which encompasses over 130 faculty in various



## Seattle University *Tenure-track faculty (rank open)*

The Department of Computer Science and Software Engineering invites applications for one or more tenure-track faculty positions to begin in September of 2004. Applicants are required to have a Ph.D. in either Computer Science, Software Engineering, Computer Security or a closely allied field. Candidates should be capable of teaching a broad range of computer science or software engineering courses. A specialty in computer security or information assurance will be a strong plus for candidates because of the department's intention of strengthening our offerings and program in that area. Seattle University offers Bachelor of Arts and Bachelor of Science degrees in Computer Science and a Master of Software Engineering degree (the country's first MSE degree, now in its 25th year).

Applications must include a curriculum vita, statements of teaching philosophy and research plans and a separate statement addressing how you could contribute to the Seattle University mission. We also require three letters of reference. Please send your application to Faculty Search Committee Chair, Department of Computer Science and Software Engineering, Seattle University, 900 Broadway, Seattle, WA 98122-4340 or by email to [CSSE\\_Search@seattleu.edu](mailto:CSSE_Search@seattleu.edu). Information about Seattle University, a statement of its mission, and an expanded job announcement can be found at [www.seattleu.edu/home/about\\_seattle\\_university/](http://www.seattleu.edu/home/about_seattle_university/) and [www.seattleu.edu/scieng/comsci/](http://www.seattleu.edu/scieng/comsci/). The department search committee will begin reviewing applications on January 5, 2004.

Seattle University is a Jesuit Catholic university enrolling more than 6,000 undergraduate and graduate students in eight colleges and schools. The university is an equal opportunity, affirmative action employer.

## University of Massachusetts Boston

### Department of Computer Science, [www.cs.umb.edu](http://www.cs.umb.edu) **Assistant Professor**

The Computer Science Department at the University of Massachusetts Boston invites applications for Fall 2004 for one faculty position at the Assistant Professor level. We offer a BS, an MS with an emphasis on software engineering, and a Ph.D. in Computer Science. We seek to strengthen our research program significantly. Current faculty interests include databases, data mining, biodiversity informatics, natural language processing, computer and human vision, system modeling, algorithms, and theoretical computer science.

Strong candidates will be considered from any area of Computer Science but preference will be given to a candidate who does research in Software Engineering and is interested in assuming a lead role in teaching our graduate year-long required sequence in this discipline. Evidence of significant research potential and a PhD in Computer Science or a related area are required. We offer a competitive salary and a generous start-up package. Send cover letter, curriculum vitae, statements about research and teaching, and the names and email addresses of three references to:

[search@cs.umb.edu](mailto:search@cs.umb.edu).

Our campus overlooks Boston harbor; our faculty and students enjoy professional life in a center of academia and the software industry. For more information, visit us at <http://www.cs.umb.edu>.

Review of applications has begun and will continue until the position is filled.

UMass Boston is an Affirmative Action, Equal Opportunity, Title IX employer and strongly encourages women, members of all ethnic groups, and people with disabilities to apply.



University of  
Massachusetts  
Boston  
[www.umb.edu](http://www.umb.edu)

engineering disciplines. UCSB is a major research institution, elected member of the Association of American Universities, as well as an integral part of the nine-campus University of California system. Graduate degrees in Computer Science are offered at the M.S. and Ph.D. levels. The Department and the College feature a highly collaborative and stimulating working environment. Department faculty lead several NSF ITR projects, and have recently been awarded two NSF IGERT grants for interdisciplinary graduate education and research, in computational science and engineering and in interactive digital multimedia. The total amount of 2002-03 extramural funding in the department was approximately 6.8 million dollars. Applicants should hold a doctoral degree in Computer Science or a related field; appointments are scheduled to begin in July 2004. Primary consideration will be given to candidates who apply by January 15, 2004, however, positions will remain open until filled. Send resume, research and teaching statements, and names and addresses of at least four referees to: Recruitment Committee, Department of Computer Science, University of California, Santa Barbara, CA 93106-5110. To apply by electronic mail, send the application to: [recruit@cs.ucsb.edu](mailto:recruit@cs.ucsb.edu). Additional information about the Computer Science Department may be found at <http://www.cs.ucsb.edu>. The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service. An EO/AA employer.

**UNIVERSITY OF NOTRE DAME, Department of Computer Science & Engineering.** The Department of Computer Science and Engineering (<http://www.cse.nd.edu>) invites faculty applications. Rank and area of speciality are open. Our faculty are actively engaged in high-quality research in a variety of areas, supported by NSF, DARPA, SRC, Air Force, HP/Compaq, and other organizations. The blend of small class size, low teaching load, and a "PhD only" graduate program allows us to emphasize true excellence in both teaching and research. Faculty must be committed to both quality teaching and a strong externally-funded research program. Notre Dame is ranked 19th among national universities in the 2003 U.S. News and World Report. Notre Dame's heritage and values are unique among top-ranked national universities, resulting in a distinctive character of campus life. Screening of applications will begin immediately and continue until the positions are filled. Applicants should send cover letter, cv, a statement of research and teaching interests, and names and addresses of at least three references either to: [facultysearch@cse.nd.edu](mailto:facultysearch@cse.nd.edu).



## ARIZONA STATE UNIVERSITY

### Ira A Fulton School of Engineering

#### Senior Faculty Position in Information Assurance and Security

The Ira A. Fulton School of Engineering at Arizona State University seeks to fill a position in the area of Information Assurance and Security at the rank of full professor or associate professor. The expected starting date for this position is August 16, 2004. The appointment of the successful candidate may be in the Department of Computer Science and Engineering, the Department of Industry Engineering, or both. Nominations and applications for this position are invited.

Applicants for this position are required to have a Ph.D. in computer science, industrial engineering, information systems, systems engineering or a related field. The applicant must have ability and/or accomplishment in establishing or leading research and teaching activities in the area of Information Assurance and Security (IAS), addressing prevention, detection and/or reaction mechanisms to assure trustworthy computers and networks and Quality of Service. Excellence in research and scholarly activity, teaching, and service in the area of computer science and engineering or industrial engineering appropriate to rank is required. Evidence of scientific, academic and organizational leadership, educational innovation, and demonstrative effectiveness in establishing industry partnerships are desired.

ASU is a major research university widely recognized as a rapidly emerging educational institution in the US. The main campus is located in the city of Tempe, in the metropolitan Phoenix area. This year the Fulton School of Engineering received a \$50 million gift, which will provide funding for scholarships, fellowships, and research programs. Both the Department of Computer Science and Engineering and the Department of Industrial Engineering provide a stimulating and fast-growing environment of research and teaching, with ample opportunities for partnerships with high-technology industry and with emphasis on quality, leading-edge graduate and undergraduate education.

For more information about the Arizona State University, you are invited to visit the website <http://www.asu.edu>

Initial closing date for applications is February 10, 2004; if not filled, applications will be reviewed on a bi-weekly basis thereafter until the search is closed.

Application packages must include a cover letter, curriculum vitae, research and teaching statements, copies of the most important publications, and the names and addresses of four references. These packages must be sent by post to IAS Faculty Search Committee Chair, P.O. Box 878809, Fulton School of Engineering, Tempe, AZ 85287-8809.

Arizona State University is an Affirmative Action/Equal Opportunity Employer.



## University of Kentucky

### Department of Computer Science

The Department of Computer Science invites applications for a tenure-track position to begin in January or August 2004. The new faculty member will play an important role in the new Visualization and Vision Science Facility, a research unit with over 9,000 sq. ft., and over 5M in funding from state and federal agencies. The goal of the Facility is to advance state-of-the-art visualization technologies through basic and applied research programs. To that end, we are particularly interested in candidates with specialization in computer vision, computer graphics, geometric modeling, distributed multimedia, scientific computation, or human computer interaction. Applicants with credentials in other fields that will support the goals of the Facility will also be considered.

The Department of Computer Science offers BS, MS, and PhD degrees. Our faculty are actively involved in research in artificial intelligence, computer vision, geometric modeling, networking, cryptography, numerical analysis, operating systems and theory. The Department is funded by a number of external grants including DARPA projects, several NSF ITR awards, and an NSF Research Infrastructure award.

The Department is experiencing a period of dynamic growth, particularly in the areas of multimedia, computer networking, and distributed systems. In the previous six years, the Department has hired nine new faculty members, three of which are NSF CAREER awardees. New members of the computer science faculty will have access to significant laboratory space, generous start-up research funds, and will actively participate in the research activities of the Visualization and Vision Science Facility. A new building for the Department and the Facility is in the planning stage.

The University of Kentucky is an equal opportunity employer and especially encourages applications from women and minority candidates.

Completed applications consisting of a curriculum vita, statements of teaching and research interests, and the names of at least three references should be submitted to:

**Chair, CS Search Committee**  
**c/o Ms. Diane Mier,**  
**773 Anderson Hall**  
**University of Kentucky**  
**Lexington, KY 40506.**

Application review will begin on September 1, 2003 and continue until the positions are filled.

edu, or to Faculty Search Committee, Department of Computer Science and Engineering, 384 Fitzpatrick Hall, University of Notre Dame, Notre Dame, IN 46556.

**UNIVERSITY OF CALIFORNIA, RIVERSIDE, MARLAN AND ROSEMARY BOURNS COLLEGE OF ENGINEERING, Faculty Positions in Computer Science & Engineering.** The University of California, Riverside invites applications for tenure-track or tenured faculty positions in the Department of Computer Science and Engineering for the 2004-2005 academic year. Applicants must have a Ph.D. in Computer Science or in a closely related field. Areas of particular interest include: software engineering/programming languages, computational science, and graphics and visualization, but applications are welcome in all areas of Computer Science and Engineering. Senior candidates must have an exceptional research and teaching record. Junior candidates must show outstanding research and teaching potential. Salary will be competitive, and commensurate with appointment rank and qualifications. UC Riverside is the fastest-growing member of the ten-campus University of California System,

widely regarded as the most distinguished system of public higher education in the United States. The CSE Department has now grown rapidly to 24 full-time faculties, and expects to grow to about 40 over the next five years. The Campus- and College-wide expansion programs include a new state-of-the-art building soon to house the CSE and EE Departments. Annual research expenditures in the College are close to \$352K/year per faculty. The CSE Department offers the B.S., M.S., and Ph.D. degrees. More information is available at <http://www.cs.ucr.edu>. The city of Riverside, located about 60 miles away from Los Angeles, offers easy access to mountains, Pacific Ocean beaches, cultural activities, shopping, and other attractions. Applications and inquiries should be sent to: Chair, Faculty Search Committee, Department of Computer Science and Engineering, University of California, Riverside, CA 92521-0304. (909) 787-5639 or by e-mail to: [search@cs.ucr.edu](mailto:search@cs.ucr.edu). Applications must include curriculum vitae, list of publications, a statement of research and teaching objectives, and names and addresses of four references (junior candidates may have reference letters mailed directly to the department). Formal review of applications begins January 20, 2004. Early applications are encouraged, however, late applications will be considered until the positions are filled. The University of California, Riverside is an Equal-Opportunity/Affirmative-Action Employer.

and research potential. The appointments will begin from August 2004. Review of applications will begin from February 15, 2004, and will continue until the positions are filled. Salary, fringe benefits, and teaching load are competitive. Florida Atlantic University, a member of Florida's State University System, is a multi-campus institution with its main campus located in Boca Raton, on the Atlantic coast, midway between West Palm Beach and Fort Lauderdale. The University has over 25,000 students and offers a variety of degree programs at all levels. The Department currently has 26 regular faculty, with other visiting and research faculty normally in residence. It offers bachelor's, master's and doctoral programs in computer science and in computer engineering. The Department also offers our undergraduate computer science program at our Davie campus (25 miles south of Boca Raton) and our Port St. Lucie campus (80 miles north of Boca Raton). Over 1600 undergraduate, 300 master's, and 50 doctoral students are enrolled in the Department. The Department has several well-equipped laboratories. It interacts closely with many high-tech companies located in the area (including Motorola, IBM, Siemens, Citrix, and others), which have helped provide state-of-the-art facilities. We have an active research program, with both federal and industrial sponsors. More information about the Department can be accessed through the Web at <http://www.cse.fau.edu>. Applicants should send a hardcopy resume and the names, phone numbers, and email addresses of at least three professional references, along with a cover letter specifying teaching and research interests and rank (Assistant, Associate) sought, to Chair, Department of Computer Science and Engineering, Florida Atlantic University, 777 Glades Road, Boca Raton, Florida 33431. Florida Atlantic University is an equal opportunity/equal access institution.

**ASSISTANT, ASSOCIATE OR FULL PROFESSOR  
DEPARTMENT OF COMPUTER SCIENCE**

Dept of Computer Science of the University of Texas at El Paso invites applications for two positions at all ranks for Fall 2004. We seek applicants in high-performance computing (e.g., computer systems design, performance evaluation, parallel/distributed computing, programming environments & compilers) & theory motivated by applications (e.g., interval computations, soft computing) & security. In exceptional cases, we will consider applicants in other areas of computer science. We offer BS & MS degrees in Computer Science & have a joint Ph.D. program with the Dept of Electrical & Computer Engineering. Approval of a distinct Ph.D. program in Computer Science is expected for fall 2004. Candidates must hold a Ph.D. in Computer Science or a closely related field. UTEP recently received an NSF ADVANCE award to further the recruitment, retention & advancement of female faculty in NSF-related disciplines. Applications from dual-career couples are encouraged. UTEP is a Carnegie doctoral-intensive university with an enrollment of 18,500 students, situated where the Rocky Mountains meet the Rio Grande. The campus reflects the beauty of the surrounding high desert. El Paso is a highly livable, bi-cultural community of 700,000 people that offers affordable homes & is a major meeting point for the United States & Latin America.

Send curriculum vitae, a statement of teaching & research interests & contact information for at least 4 professional references to: Faculty Recruiting 2004, Dept of Computer Science, UTEP, El Paso, TX, 79968-0518. Much more information about the department, including e-mail contacts for inquiries & electronic submission of applications is available at <http://www.cs.utep.edu>.

*The University of Texas at El Paso does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, veteran's status or sexual orientation in employment or the provision of services.*



**CALIFORNIA UNIVERSITY OF PENNSYLVANIA MATHEMATICS AND COMPUTER SCIENCE DEPARTMENT.** Full-time tenure track position in Information Technology to begin Fall 2004. Duties will include teaching undergraduate and graduate courses in information technology and related programs, program and curriculum development, providing assistance in national accreditation of the Information Technology program, advising undergraduate and/or graduate students, participating in departmental/college/university/system-wide committees, and engaging in scholarly and professional activities including grant writing. For a complete description and application requirements see the Web site [www.cup.edu](http://www.cup.edu). AA/EEO.

**FLORIDA ATLANTIC UNIVERSITY, Department of Computer Science and Engineering, Faculty Recruitment Information.** The Department of Computer Science and Engineering seeks applications for several tenure-track faculty positions at the Assistant and Associate Professor levels. The positions require a doctorate in computer science, computer engineering, or a closely related field. Applicants must show evidence of demonstrated teaching ability

**NEW JERSEY INSTITUTE OF TECHNOLOGY, Faculty Positions: Computer Science Department.** The Computer Science Dept. at New Jersey Institute of Technology invites applications for tenure track / tenured faculty positions, beginning spring/fall 2004 in bioinformatics, networking/security, web technologies & software engineering. System-building experience will be a plus. Applicants must have PhD in computer science or related area. Senior applicants must have an outstanding record. Junior applicants should have shown research potential & commitment to excellence in teaching. Salaries are competitive. Dept. research interests incl. algorithms, computational biology & bioinformatics, computer vision, databases, parallel processing, simulation & modeling, software engineering & com-

puter networking. The dept. has 27 faculty members & 1,400 students. The dept. offers BS, MS & PhD degrees. NJIT is located in Newark's University Heights, a multi-institutional campus shared with Rutgers University, the University of Medicine & Dentistry of New Jersey & Science Park. NJIT is close to several other universities, numerous pharmaceutical, telecommunications & financial companies & research labs thus offering excellent opportunities for collaboration, consulting & industry sponsored research. NJIT is minutes from New York City & close to the Jersey Shore which offer a wide range of cultural & leisure activities. Applicants can apply by sending their CV & a list of at least 3 references to: New Jersey Institute of Technology, attn: Personnel Box CS-AAP, University Heights, Newark, NJ 07102-1982 by mail, or by email to: hr@njit.edu. NJIT is an equal opportunity, affirmative action, equal access employer & especially encourages applications from minorities, women & persons with disabilities.

**STATE UNIVERSITY OF NEW YORK AT BINGHAMTON, Department of Computer Science, The Thomas J. Watson School of Engineering and Applied Science, <http://www.cs.binghamton.edu>.** Applications are invited for two or more anticipated tenure-track positions at the Assistant/Associate Professor level beginning in Fall 2004. Salary and startup packages are competitive. We are especially interested in candidates with specialization in Software Engineering, Programming Languages/Compilers, Information Security, Web-based Systems, Data Mining and areas related to systems development. Applicants must have a Ph.D. in Computer Science or a closely related discipline by the time of appointment. Strong evidence of research capabilities and commitment to teaching are essential. We offer a significantly reduced teaching load for junior tenure track faculty for at least the first three years. Binghamton is one of the four Ph.D. granting University Centers within the SUNY system and is nationally recognized for its academic excellence. The Department has well-established Ph.D. and M.S. programs, an accredited B.S. program and is on a successful and aggressive recruitment plan. Local high technology companies such as IBM, Lockheed-Martin, BAE and Universal Instruments provide opportunities for collaboration. Binghamton borders the scenic Finger Lakes region of New York. Send a resume and the names of three references to Professor Kanad Ghose, Department of Computer Science, State University of New York at Binghamton, P.O. Box 6000, Binghamton, New York 13902-6000. For candidates applying for Fall 04, first consideration will be given to applications that are received by February 27, 2004. Appli-

cations will be considered until the positions are filled. Binghamton University is an equal opportunity/affirmative action employer.

**UNIVERSITY OF ALABAMA AT BIRMINGHAM (UAB), Department of Computer and Information Sciences, Assistant or Associate Professor Position, <http://www.cis.uab.edu/>.** The University of Alabama Birmingham (UAB) Department of Computer and Information Sciences is seeking highly qualified candidates for a tenure track position at the Assistant or Associate Professor rank, beginning as early as Fall 2004. Scalable Data Mining, Knowledge Discovery, and Distributed Database Systems are of particular interest. Highly qualified candidates with a Ph. D. in Computer Science or a closely related field are encouraged to apply. A strong research background, including advanced knowledge, demonstrated research results, refereed publications, and potential for research funding in one or more of the focus areas are required. Commitment to excellence in teaching and service and interest in multidisciplinary collaboration with the biotechnology and medical research programs of the UAB campus are also very important. Send four references, a complete CV, a one-page research plan, and a one-page

teaching plan via email to facapp@cis.uab.edu or via regular mail to: Faculty Search Committee, Department of Computer and Information Sciences, University of Alabama at Birmingham, 1300 University Blvd, Birmingham, AL 35294-1170. Interviewing for the position will begin as soon as qualified candidates are identified, and will continue until the position is filled. The University of Alabama at Birmingham is an equal opportunity/affirmative action employer.

**UNIVERSITY OF FLORIDA, Department of Electrical and Computer Engineering.** The Department of Electrical and Computer Engineering invites applications for two tenure-track or tenured faculty positions in the general area of Computer Engineering. Strong candidates in all areas of Computer Engineering are encouraged to apply for tenure-track positions at all ranks. The department is particularly interested in candidates with strong backgrounds and interests in one or more of the following areas: distributed computing, computer architecture, hardware/software systems design, high-performance computing, nanocomputing, adaptive computing, mobile computing, biologically-inspired computing and embedded systems. Applicants for tenured or senior positions must have distinguished



NUI MAYNOOTH  
Ollscoil na hÉireann Má Nuad

## DEPARTMENT OF COMPUTER SCIENCE

Website: [www.cs.may.ie](http://www.cs.may.ie)

### Associate Professor Post

NUI Maynooth invites applications for the position of Associate Professor in Computer Science.

Applicants should have a strong track-record in research and teaching. Applications are welcome in all areas of research. The person appointed will play an active role in all aspects of the Department's activities, pursuing high-quality research, providing research leadership, and supervising and teaching students at both undergraduate and postgraduate level.

**Salary Scale (new entrants):**  
€68,495 - €91,555 p.a. (8 points)

Prior to application, further details of the post may be obtained by writing to the **Personnel Officer, National University of Ireland, Maynooth, Maynooth, Co. Kildare, Ireland. Confidential Fax: +353-1-7083940 Email: [personnel@may.ie](mailto:personnel@may.ie)**

Applications (including a full CV, the names, email and postal addresses, telephone and fax numbers of three referees, and a personal statement) should be forwarded to the **Personnel Officer**, to arrive no later than **27 February, 2004**.

records. Candidates should be committed to excellence in teaching and research. All applicants should hold a PhD degree. Salary and support are competitive and commensurate with experience and background. Successful candidates will have the opportunity to work with highly qualified faculty, excellent students and well-equipped laboratories from both the Department of Electrical and Computer Engineering and the Department of Computer and Information Science and Engineering of the University of Florida. More information is available at <http://www.ece.ufl.edu> and <http://www.cise.ufl.edu>. Candidates should send their resume, research and teaching plan, cover letter stating the desired position, and names and addresses of at least three references to Dr. José Fortes, Professor and BellSouth Eminent Scholar, C/O Computer Engineering Faculty Search Committee, Dept. of Electrical and Computer Engineering, P.O. Box 116200, 339 Larsen Hall, University of Florida, Gainesville, Florida 32611-6200. Email applications are encouraged. They should be sent in pdf format to [cesearch@acis.ufl.edu](mailto:cesearch@acis.ufl.edu). The committee will begin reviewing applications on January 28th, 2004 and will continue to receive applications until the positions are filled. The University of Florida is an Affirmative Action Employer and women and minorities are encouraged to apply. According to Florida law, applications and meetings regarding applications are open to the public on request.

**CALIFORNIA STATE UNIVERSITY, FULLERTON.** The Department of Computer Science at CSU Fullerton invites applications for tenure-track position(s) for the academic year starting August 2004. The department's instructional programs lead to bachelors and masters degrees. CSUF is an urban university located in Orange County, surrounded by high technology industry and a diverse community. Faculty members regularly teach all levels of computer science. The Department values teaching, research, and publishing. A Ph.D. in Computer Science or a related field is required. All candidates must have a publication record in computer science or a related field. Candidates with specialized interest in computer networks, pervasive computing, data security, and software engineering are preferred, but interest in other areas such as graphics and e-commerce will also be considered. This is a tenure-track position. Salary is competitive and commensurate to rank and experience. Review of applications will commence immediately and will continue until the positions are filled. Please send a letter of application, curriculum vitae, and list of three references with contact information to: Dr. Dimitri Michalopoulos, Chair, Department of

Computer Science, CS-552, California State University, Fullerton, Fullerton CA 92834-6870 or email [csoffice@ecs.fullerton.edu](mailto:csoffice@ecs.fullerton.edu). Cal State Fullerton is an Equal Opportunity/Title IX/ ADA Employer.

**POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY (POSTECH), Faculty Positions.** The Department of Computer Science and Engineering (CSE), Pohang University of Science and Technology, has several faculty openings at all ranks beginning in March 2004. All areas of computer science and engineering are welcome. A Ph.D. or its equivalent is required. Successful candidates are expected to conduct outstanding research and be committed to quality teaching both at undergraduate and graduate levels. Further information about the CSE program and positions is available at [www.postech.ac.kr/department/cse](http://www.postech.ac.kr/department/cse). Applicants will be reviewed as received and will continue until filled. Applicants should send a curriculum vitae, three letters of reference, and any supporting documents to Search Committee Chair, Department of Computer Science and Engineering, Pohang University of Science and Technology, San 31 Hyoja Dong, Pohang 790-784, Republic of Korea.

**CALIFORNIA UNIVERSITY OF PENNSYLVANIA MATHEMATICS AND COMPUTER SCIENCE DEPARTMENT.** Full-time tenure track position in Computer Science to begin Fall 2004. Duties will include teaching undergraduate and graduate courses in computer science and related programs, program and curriculum development, providing assistance in national accreditation of the Computer Science programs, advising undergraduate and/or graduate students, participating in departmental/college/university/system-wide committees, and engaging in scholarly and professional activities including grant writing. For a complete description and application requirements see the Web site [www.cup.edu](http://www.cup.edu). AA/EEO.

**MORAVIAN COLLEGE.** Moravian College invites applications for a tenurable-track position at the assistant professor level in computer science to begin Fall Term 2004. Applicants should have a Ph.D. in computer science and a broad range of expertise and interests. The successful candidate will have strong interpersonal skills and a primary commitment to undergraduate teaching, scholarship, and curriculum development for computer science in a liberal arts context. Particularly desirable areas of expertise include graphics and visualization, theoretical or applied artificial intelligence, and scientific computing, but all areas of computer science will be

considered. Teaching responsibilities will include undergraduate courses for the computer science major as well as courses for non-majors. Moravian College faculty are encouraged to participate in interdisciplinary teaching. Applications should be received by February 20. Send resume, transcripts, a statement of teaching philosophy, and three letters of recommendation to Alicia Sevilla, Chair, Department of Mathematics and Computer Science, Moravian College, 1200 Main Street, Bethlehem, PA 18018-6650.

**VIRGINIA TECH.** The Bradley Department of Electrical and Computer Engineering invites applications for a tenure-track full professor position in computer engineering. Named professor opportunities exist for an exceptionally qualified candidate. Some areas of interest are: software engineering, embedded systems, and high-performance computing. The ECE Department has outstanding opportunities for faculty to develop highly visible research programs. All candidates are expected to conduct research and teach undergraduate and graduate courses. Positions are also available in other areas, including microelectronics and power electronics. For a detailed information, please visit the department website at [www.ece.vt.edu](http://www.ece.vt.edu). An equal opportunity/affirmative action employer.

**DATABASE ADMINISTRATOR.** Implement, monitor and revise existing database. BS in Comp Sci, related field or equiv req. Send ad w/resume to: La Tanya Odom, SunAmerica Inc., 21650 Oxnard St., Woodland Hills, CA 91367.

**LOUISIANA STATE UNIVERSITY, ASSISTANT/ASSOCIATE/FULL PROFESSOR, (Computer Engineering/Tenure-track/One or more positions), Electrical and Computer Engineering.** The Department of Electrical and Computer Engineering at Louisiana State University invites applications for one or more tenure-track positions in Computer Engineering at all levels available August 2004 or until positions are filled. Though applicants from all areas of Computer Engineering will be considered, of particular interest are applicants with research interests in computer architecture (including microarchitecture, memory systems and special-purpose architectures), design automation (including system-on-chip design and behavioral synthesis), and networking (including traffic engineering and network security). Required Qualifications: Ph.D. or equivalent degree in Electrical or Computer Engineering or related field; potential for excellence in teaching and research. The positions involve teaching graduate and

undergraduate courses in electrical or computer engineering and research in areas of individual interests. Salary is competitive and commensurate with qualifications and experience. Release time and resources are provided in order to enhance the development of a quality research program. Opportunities for summer support are available. In addition to the resources in the department, the faculty has access to a 1024-processor cluster. Application deadline is March 1, 2004, or until candidate is selected. Please send your resume (including e-mail address), names of at least three references, and a statement of teaching and research interest, in electronic form to [kemin@ece.lsu.edu](mailto:kemin@ece.lsu.edu) (preferred) or mail your application package to: Dr. Kemin Zhou, Interim Chair, Electrical and Computer Engineering, Louisiana State University, Ref: Log# 0518, Baton Rouge, LA 70803. LSU IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER.

**UNIVERSITY OF PITTSBURGH, Department of Computer Science.** The Department of Computer Science at the University of Pittsburgh is initiating a search for a tenure track position at the Assistant Professor level effective September 2004, pending budgetary approval. Outstanding candidates are sought in the area of Computer Systems, with particular considerations given to candidates working on Embedded Systems, Computer Architectures, Distributed Systems and System Security. Responsibilities include research, supervision of graduate student research (PhD and MS), and graduate and undergraduate teaching. Candidates should have a PhD in Computer Science and demonstrate exceptional research potential and teaching ability. Candidates should send a curriculum vita, a statement of research and teaching interests, and names and addresses of at least three references to Professor Rami Melhem, Chair, Department of Computer Science, University of Pittsburgh, Pittsburgh, PA 15260. In order to expedite the review process, candidates should also complete the web-based form at <http://www.cs.pitt.edu/recruiting>. Please direct your inquiries to [faculty-search@cs.pitt.edu](mailto:faculty-search@cs.pitt.edu). Applications must be received by February 14, 2004 to ensure full consideration. The Department provides a stimulating environment for research and teaching that results in strong graduate and undergraduate programs. The Department already has a strong group in the Computer Systems area and is a partner in the Computer Engineering program, which is an interdisciplinary program between the Computer Science and the Electrical Engineering departments. Departmental resources include extensive computing facilities of over 400 workstations and personal computers with multimedia capabilities and spe-

cialized networks and devices. Faculty members also have network access to additional high performance computing platforms provided by the general computing facilities of the University as well as by the Pittsburgh Supercomputing Center (of which the University of Pittsburgh is a founding member). For further information about the Department please see <http://www.cs.pitt.edu>. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.

**MONMOUTH UNIVERSITY, Computer Science Department.** Applications are invited for a tenure track position, at the Assistant or Associate Professor level, starting September, 2004. A Ph.D. in Computer Science, or related discipline, is required. Tenure obligations include a strong commitment to teaching across the curriculum in the undergraduate and graduate programs, scholarly contributions, and service to the University at all levels. Preference will be given to those with teaching experience and/or prior practice in the design and development of software systems, distributed computing, client-server architecture, and operating system design. Documentation should emphasize experience in teaching at all levels, and cite references to scholarly activities. The position also requires participation in departmental course and curriculum development efforts. Questions should be directed to [frederic@monmouth.edu](mailto:frederic@monmouth.edu). Applicants should send a cover letter and include a statement of teaching and research experience and interests, a resume, and the names of three professional references to: Chair, Computer Science Search Committee c/o Francis C. Lutz, Dean-School of Science, Technology and Engineering Monmouth University, West Long Branch, NJ 07764. Interviews start after January 15, 2004, and will continue until the position is filled. See <http://www.monmouth.edu> for information about the university, school, and department. Monmouth University is an Equal Opportunity Affirmative Action Employer.

**GEORGETOWN UNIVERSITY, Principal Technologist.** Reporting to the Vice President for Information Services and Chief Information Officer, the Principal Technologist (PT) provides institutional leadership in the strategic application of information technology to academic, research and administrative computing. The PT supports and offers guidance to the CIO and other leaders in the use of technology across the University. Responsibilities include: fostering the innovative and effective application of advanced technologies to basic research

and the development of scholarly information systems; supporting Academic and Administrative leaders in the pursuit of research grants and contracts; representing the University in external technology sharing and standards groups; co-chairing the University Information Services Technology and Operations Committee and guiding the Committee through the production of an annual technology master plan and architecture. Minimum Qualifications include a Bachelor's Degree or equivalent with relevant course work in Computer Science, Information Systems or related field. Graduate degree desirable. Experience also required in the application of computing technology in support of academics and application of computing technologies and concepts to scientific basic research. Applicants must have excellent written and verbal skills, proven management skills, demonstrated capacity in presentation to large groups on complex subject matter and the ability to develop technical papers, proposals and project plans. Please apply online at [www.georgetown.edu/hr/jobs](http://www.georgetown.edu/hr/jobs). Job # 2003 0566.

**MEMORIAL UNIVERSITY OF NEWFOUNDLAND, TIER II CANADA RESEARCH CHAIR IN ASIC DESIGN.** The Faculty of Engineering and Applied Science invites applications for a Tier II Canada Research Chair in the area of Application-Specific Integrated Circuit (ASIC) Design. The appointment will be tenure-track at the Assistant or Associate Professor level. Candidates should demonstrate exceptional potential to build an internationally reputed research program in ASIC design. The Chair will have opportunities to collaborate with an anticipated Chair in Photonics. Information on the application procedure, qualifications, and expected activities of the Chair may be found at [www.engr.mun.ca/jobs/asic.html](http://www.engr.mun.ca/jobs/asic.html). Applications will be reviewed beginning on February 20, 2004. Memorial University of Newfoundland is committed to employment equity and encourages applications from qualified women and men, visible minorities, aboriginal people and persons with disabilities. There is no restriction with regard to nationality or residence.

**WASHINGTON STATE UNIVERSITY, Director, School of Electrical Engineering and Computer Science.** The School of Electrical Engineering and Computer Science at Washington State University invites applications and nominations for the position of Director of the School, to be filled August 16, 2004. A Ph.D. degree in electrical engineering, computer engineering, computer science or a related discipline is required. Candidates must possess a national

and/or international reputation for scholarly activities, a commitment to excellence in undergraduate and graduate education, a successful record of obtaining external funding, proven fiscal proficiency, and outstanding communication and leadership skills. The initial appointment is for a four-year period with the possibility of reappointment. The position is a 12-month position with tenure, and salary is negotiable, commensurate with qualifications and experience. The School of Electrical Engineering and Computer Science is the largest of five engineering departments in the College of Engineering and Architecture at Washington State University. Programs are offered at all four University campuses: the main campus at Pullman and three urban campuses at Tri-Cities, Spokane, and Vancouver. The School has 40 full-time faculty, and student enrollment consists of 860 undergraduates and 140 graduates. The School awards baccalaureate through doctoral degrees in electrical engineering, computer engineering and computer science. The total budget for the School exceeds \$8 million per year. The School has three endowed chairs and four distinguished professorships in electrical engineering, computer engineering and computer science. The School participates in two NSF UCRC centers, one for Design of Analog-Digital Integrated Circuits and the other for Power Engineering. The School maintains active research programs in many leading edge technologies and has excellent facilities. Additional information may be found at the School's website <http://www.eecs.wsu.edu>. Applications and nominations should be sent to: EECS Director Search Committee, School of Electrical Engineering and Computer Science, Washington State University, Pullman, WA 99164-2752. Screening of applications will begin February 15, 2004. WSU is an EEO/AA Employer. Protected group members are encouraged to apply.

**RENSELAER POLYTECHNIC INSTITUTE, Computer Science.** The Department of Computer Science at Rensselaer Polytechnic Institute invites applications for one or more expected tenure-track positions at the Assistant Professor level. Strong candidates at all professional levels and areas of computer science will be considered, however, the Department has special interest in candidates working in the areas of architecture, bioinformatics, cryptography, data mining and visualization, human-computer interaction, and security. Applicants should hold a Ph.D. in Computer Science or in a closely allied field, have substantial research accomplishments for the professorial level sought, and demonstrate a strong commitment to

teaching. Rensselaer, under the direction of its president, plans to double its research program in the next five years (see <http://www.rpi.edu/web/President/Plan/index.html>). Major research initiatives in information technology and biotechnology are integral components of this plan. The faculty of the Department of Computer Science are strongly encouraged to participate in collaborative research at the forefront of both of these initiatives. The department currently has 22 full-time faculty members and offers BS, MS and Ph.D. degrees. It has excellent computing facilities that support a vigorous growing research program (approximately \$2 million per year) that currently includes 6 active NSF CAREER awards. Applicants should submit a vita with a list of publications, a statement describing current and planned research, and a statement describing teaching philosophy to the address listed below. Candidates should also arrange to have at least three letters of recommendation sent to the same address. To ensure full consideration, all application materials must be reviewed by the committee by March 15, 2004. Faculty Search Committee, Attn: Jacky Carley, Department of Computer Science, Rensselaer Polytechnic Institute, 110 8th Street, Troy, NY 12180-3590. Rensselaer Polytechnic Institute is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

**PORTLAND STATE UNIVERSITY, Positions in Computer Science.** Portland State University invites applications for two tenure-track, nine-month faculty positions at all levels to begin Fall 2004. Applicants for senior positions are expected to have a nationally recognized research program and to have demonstrated the ability to generate external funding; applicants for junior positions must show potential for future external support. The department is looking for faculty in the areas of networking, software engineering, computer security and databases, but excellent applicants in all areas will be considered. The minimum qualifications for the position include an earned Ph.D. The faculty member will teach undergraduate and graduate classes; develop program, course and laboratory resources in Computer Science; maintain scholarly activity in funded research and publications; provide professionally related public service; advise students, and support University activities through committee service. The department currently has nineteen faculty and offers a ABET accredited B.S., an M.S., and a Ph.D. in Computer Science. Our teaching loads give faculty time to maintain funded research programs and to collaborate with local industry. The

department currently serves approximately 400 undergraduates and 120 graduate students. Further information about the department is available at <http://www.cs.pdx.edu>. Portland State University is located in downtown Portland, Oregon. Portland's "Silicon Forest" is one of the major software/hardware development centers in the country. Within the Portland metropolitan area are over 200 hardware and software organizations, including the world's largest campus of Intel, the Open Source Development Lab, the world headquarters of Tektronix, In Focus, and Mentor Graphics, major R&D sites of Oracle and Informix, a major division of IBM, along with many other companies ranging from major corporations to software start-ups. The University is approximately one hour from magnificent beaches and from year-round skiing. Review of applications will begin immediately and will continue until the positions are filled. Please send a statement of research and teaching interests, a vita, and the names of three references to: Faculty Search Committee, Department of Computer Science, Portland State University, PO Box 751, Portland, OR 97207-0751 or e-mail [recruiteee@cs.pdx.edu](mailto:recruiteee@cs.pdx.edu). Portland State University is an Affirmative Action, Equal Opportunity institution and, in keeping with the President's diversity initiative, welcomes applications from diverse candidates and candidates who support diversity.

**SYSTEMS ANALYST.** Plan & develop new computer systems. MSc in Computer Engr or related field req. Send ad w/resume to: Celetron, 2125-B Madera Rd, Simi Valley, CA 93065.

**UNIVERSITY OF WESTERN AUSTRALIA, Lecturer/Senior Lecturer (REF:291), Electronics (VLSI and Digital Systems), School of Electrical, Electronic and Computer Engineering.** SALARY RANGE: Lecturer (Level B) \$55,479 – \$65,883 p.a. Senior Lecturer (Level C) \$67,962 – \$78,366 p.a. Applications are invited for the above tenurable position. Applicants must play an active role in digital systems research, must have a strong commitment to supervision of postgraduate and undergraduate students and work with one of the major research groups in the School. Applicants must have a PhD and should be able to demonstrate their potential as a lecturer and researcher. The School has very active research programmes relating to the following areas: computer systems, networking, microelectronics, photonics, communications, biomedical engineering, signal processing, robotics, control systems and power engineering. Information on current

research programmes in the School can be found at <http://www.ee.uwa.edu.au/research>. Applicants for the position should have appropriate engineering experience in university and/or industry in areas relevant to digital design and implementation. Duties include development and delivery of lectures and laboratory courses in the relevant topics of the School's undergraduate courses in the area of VLSI and digital systems design and implementation. Candidates with industrial experience are encouraged to apply. Applicants must address the selection criteria and applicants with teaching experience are requested to submit a teaching portfolio as part of their application. For further information regarding the position please contact Maureen Russell, School Manager on 9380 3134 or email [maureen@ee.uwa.edu.au](mailto:maureen@ee.uwa.edu.au) or access the web link <http://www.ee.uwa.edu.au/research>. CLOSING DATE: Friday, 30 January 2004. Located adjacent to the picturesque banks of the Swan River, The University of Western Australia offers an attractive benefits package including generous superannuation, fares to Perth (if applicable) for appointee and dependants along with a removals allowance, generous leave provisions and an enviable working environment. These and other benefits will be specified in the offer of employment. APPLICATION DETAILS: For copies of the selection criteria please access the website below. Applicants must address the selection criteria. Written applications quoting the reference number, personal contact details, qualifications and experience, along with contact details of three referees should be sent to Director, Human Resources, The University of Western Australia, M350, 35 Stirling Highway, Crawley WA 6009 or emailed to [jobs@uwa.edu.au](mailto:jobs@uwa.edu.au) by the closing date. <http://jobs.uwa.edu.au/>. Prime Minister's Employer of the Year in Higher Education 2002 and 2003.

**EMBEDDED SOFTWARE ENGINEERING MANAGER.** Leads a team of s/w engineers in development of real-time embedded systems and Telecommunication Management Network (TMN) applications; provides technical directions in design, development, documentation and quality of software components. Must be knowledgeable in ITU/TMN, Bellcore, ANSI, NMF standards and procedures. Uses TMN tools to develop element management systems, embedded control systems and protocol stacks. Experienced in formal software development lifecycle processes and quality management (ISO 9000). Must be a B.S. with minimum 5 years experience in Unix, pSOS, VxWorks, C/C++ Cross Compilers, Marben OSIAM stack, DSET's TMN Toolkit Suite and LNP

packages. Prior experience in Number Portability and Broadband systems is desirable. Apply to Recruitment Manager, NE Technologies Inc., 5085 Avalon Ridge Pkwy Suite 100, Norcross, GA 30071.

**TEXAS TECH UNIVERSITY.** The Department of Computer Science invites applications in all areas of Computer Science for one or more tenure track positions at all levels for the academic year 2004-05. We anticipate having faculty openings at the satellite graduate campus in Abilene, Texas. Specific areas of need include software engineering, formal methods, and high dependability software. Applicants must have a Ph.D. degree in computer science or a closely related field. Faculty are expected to teach existing graduate and undergraduate courses, develop new courses, and contribute to the research mission of the university. Texas Tech University offers a Ph.D. and an M.S. in Computer Science and an M.S. in Software Engineering. We offer competitive salaries, a friendly and cooperative environment, and excellent research facilities. State-of-the-art two-way video instructional facilities allow the Lubbock and Abilene sites to exchange course offerings and to conduct collaborative faculty and committee meetings. More information on the department is available at <http://www.cs.ttu.edu/>. Applicants should send curriculum vitae, including a two-page research and teaching statement, and the names of at least three references. Electronic submission of application materials in the form of postscript or PDF is preferred. Electronic submission should be sent to [Mysti.Digby@coe.ttu.edu](mailto:Mysti.Digby@coe.ttu.edu) or hardcopy can be mailed to Dr. Susan A. Mengel, Chair Faculty Search Committee, c/o Ms. Mysti Digby, Department of Computer Science, Texas Tech University, Box 43104, Lubbock, TX 79409-3104. Review of applications will begin as soon as they are received. Applications will be accepted until the positions are filled. Candidates must be currently eligible to work in the United States. Texas Tech University is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

**SYSTEMS ANALYST.** Must have B.S. or Foreign equivalent in Engineering, Computer Science or related. Must have 9 months of experience in the job offered or as a Software Engineer. Duties are to convert data from project specifications and statements of probability and procedures; develop software applications, prepare work flowcharts and diagrams using business and engineering analysis, math models, computer languages and

databases; resolve questions of programming, data input/output requirements, and inclusion of internal checks and controls; convert detailed logical flowcharts to software code; input test data into computer systems; monitor performance aspects such as data propagation and optimization; develop acceptance criteria, install software, train users and monitor results; prepare reports, user and instructional manuals; and analyze, review and rewrite programs to increase operating efficiency or to adapt programming to new requirements. Must have Oracle and Visual Basic experience and be will to travel frequently. Qualified candidates must send resumes to S. Vishwanathan, VSoft Corp., 6455 E. Johns Xing, Ste. 450, Duluth, GA 30097.

**METROPOLITAN COLLEGE OF BOSTON UNIVERSITY, Chairman, Science and Engineering.** Boston University's Metropolitan College seeks a Chairman for the Science and Engineering Program (SEP) for September 2004. SEP is an innovative program that provides promising students who want to major in science or engineering, with an alternative to direct admission into the University's four-year programs. See <http://www.bu.edu/met/programs/undergraduate/science-engineering/index.html>. The ideal candidate will hold a doctorate in a technical or scientific field, be familiar with engineering, and appreciate the challenges confronting aspiring young engineers and scientists. The Chairman's duties include: overseeing admissions, meeting parents, managing the curriculum, and working with other University units. The Chairman will hold a faculty appointment. Send an application letter, a resume and three references to Dr. Eric Braude, Chairman, SEP Search Committee, Metropolitan College, Boston University, 808 Commonwealth Avenue, Boston MA 02215. Deadline: January 31, 2004. Boston University is an Equal Opportunity Affirmative Action Employer.

**SOUTH DAKOTA STATE UNIVERSITY, Software Engineering Position.** The department of Electrical Engineering, Computer Science, and Software Engineering, South Dakota State University, invites applicants for a tenure-track faculty position in Software Engineering to begin August 15, 2004 ([www.engineering.sdstate.edu/~eeweb/](http://www.engineering.sdstate.edu/~eeweb/)). As part of the newest program in the college, the successful candidate will provide significant direction for the growth and development of the Software Engineering program. Applicants must have an earned Ph.D. in Software Engineering, Computer Engineering, Computer Science, or

a closely related field and the capability to successfully conduct research in software engineering. Experience with embedded systems research/ design, industry, ABET accreditation, and evidence of successful teaching is desired. For a full list of qualifications, visit the website above. To apply, send a cover letter, curriculum vitae, names of three references with phone numbers, unofficial transcript, and application (available at [www.engineering.sdstate.edu/~eeweb/se\\_app.pdf](http://www.engineering.sdstate.edu/~eeweb/se_app.pdf)) to: SE Search Committee Chair, EE/CS/SE Department, South Dakota State University, P.O. Box 2220, Brookings, SD 57007. Completed application postmarked by March 5, 2004 are assured of receiving full consideration. Continuous recruitment until the positions are filled. Inquiries: (605) 688-4526. SDSU is an AA/EEO employer and encourages applications from women and minorities. ADA Accommodations: TTY (605) 688-4394.

**GRAPHICS PROGRAMMER.** Out of The Blue Design, located in San Francisco, CA, seeks a graphics programmer for advanced internet graphics design position. Requires exp. with 3D graphics design and mathematical modeling. Must possess 4 years internet applications development exp. and B.S. in math or comp. science. Fax resume to 415-546-7921, or tel. 415-348-8711, ext. 203 for info.

**UNIVERSITY OF CALIFORNIA, SANTA CRUZ, Associate or Full Professor, Computer Engineering #30.** The Department of Computer Engineering at the University of California, Santa Cruz (UCSC) invites applications for a tenured (Associate or Full Professor) faculty position. We seek outstanding applicants in the following areas of Computer Engineering: embedded systems, computer networks, computer system design, and robotics. The campus is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching and service. UCSC is the UC campus nearest to Silicon Valley and has close research ties with the computer industry. Applicants should submit a CV, a statement of research plans, a statement of teaching interests, URLs of selected reprints, and ensure that at least three confidential letters of recommendation are sent directly, by the deadline of February 10, 2004. We strongly encourage electronic submission of your materials. Directions are provided at <http://www.soe.ucsc.edu/jobs/>. All letters will be treated as confidential documents; please direct your references to UCSC's confidentiality statement at <http://www2.ucsc.edu/ahr/policies/con>

[fstm.htm](http://fstm.htm)). Alternatively, application materials may be mailed to: Computer Engineering Search, Baskin School of Engineering, University of California, Santa Cruz, CA 95064. UCSC is an EEO/AA/IRCA Employer.

**UNIVERSITY OF WISCONSIN-MILWAUKEE, Faculty Recruitment in Computer Science.** The Computer Science Program in the Department of Electrical Engineering & Computer Science is continuing its development and growth. Our Program has established a very good record in recruiting outstanding junior faculty and in providing them with a nurturing, as well as stimulating environment for their career development. Several of our faculty have been the recipients of the NSF EARLY CAREER Awards. The Computer Science faculty is engaged in research in many areas including Artificial Intelligence, Theory, Cryptography and Data Security, Distributed Systems, Networks, Programming Languages, Software Engineering, and Medical Informatics. The Program is also engaged in collaborative efforts with several academic units at our University as well as other institutions including the Medical College of Wisconsin. We invite applications for tenure faculty positions from strong candidates in the following areas of Computer Science: Artificial Intelligence, Computer and Data Security, Data Bases, Computer Networks, and Medical Informatics. We are particularly interested in recruiting in the areas of Computer and Data Security, and in Medical Informatics. Recently our university received a major NSF collaborative grant in Cyber Security that involves several university of Wisconsin campuses. We are the lead institution in this project. All candidates should have a demonstrated promise for excellence in research and in teaching. Candidates for senior positions should have excellent research credentials. Our University is located in a pleasant residential neighborhood of Milwaukee close to the shores of Lake Michigan. Our metropolitan location facilitates each interactions with many industries and affords numerous cultural and recreational activities. Applicants should send a hard copy of a vita by post or Fax, along with a statement of plans for research and teaching. We also request that at least three references be asked to send letters to: Faculty Recruitment Coordinator for Computer Science, Department of Electrical Engineering & Computer Science, University of Wisconsin-Milwaukee, PO Box 784, Milwaukee, WI 53201-0784. E-mail: [recruit@cs.uwm.edu](mailto:recruit@cs.uwm.edu) (for inquiries only), Fax: 414-229-6958. Evaluation of all candidates will begin in Spring 2004 and will continue until the position is filled. Women and minority candidates are strongly encouraged to

apply. Additional information about our Program may be obtained by visiting our website at <http://www.cs.uwm.edu>. UWM is an equal opportunity institution committed to diversity.

**ARCHITECTURE TECHNICAL SUPPORT ANALYST.** BSc in Computer Science related or equiv req. Send ad w/resume to: SunAmerica Inc., 1 SunAmerica Center, Los Angeles, CA 90067.

**RESEARCH STAFF SCIENTIST (materials science).** Full time position. Job duties include: providing on-site technical expertise to design and assemble a RF-plasma sputtering system; investigating materials based on quantum mechanical and optical properties; developing growths of semiconductor thin-films on optical substrates; developing domain-specific characteristics of nanoscale optical films w/array of microelectronics structures; developing characterization of thin-films for shifts of spectral lines and refractive indices under influence of applied fields; determining optical characteristics of fabricated nanostructures w/applied field; assisting in the setup of Atomic Force Microscope (AFM) Manipulator; characterizing electrical & magnetic properties of bio-element, such as ferritin, for device applications; developing bio-devices for bio-element manipulation and bio-material based power generation; preparing and submitting quarterly and final reports. Min.req.: Ph.D. in Materials Science ; Master's and Bachelor's Degree in Physics (or equiv); proven record & publications of scientific research in atomic layer growth; machine design & construction knowledge of Electron Microscopy & E-Beam Lithography; machine design knowledge & research publications in Scanning Probe Microscopy; substantial coursework in integrated circuit micro fabrication; knowledge on established research capability in bio-nano devices and with related peer reviewed publications. For consideration, send resume to: STC, 10 Basil Sawyer Dr., Hampton VA 23666. No phone calls. EOE.

**NETWORK/TELECOMMUNICATIONS MANAGER.** Qualifications: BS in Comp. Science or related field, MCSE Certified preferred, working experience within a complex MS NT Network, Security, MS Exchange, SNA, IIS, Great Plains, Cisco and Active Directory. Knowledge of various models of Nortel and Meridian phone switches is required. Mail resume to Attn: Bruce Wantuch YWCA, 1915 N. Dr. Martin Luther King Jr. Dr., Milwaukee, WI 53212 or e-mail to [jobs@ywcamilw.org](mailto:jobs@ywcamilw.org).