

DEPARTMENT HEAD SEARCH, Bradley Department of Electrical and Computer Engineering, Virginia Polytechnic Institute and State University. Nominations and applications are being solicited for the position of Head of the Bradley Department of Electrical and Computer Engineering (ECE). Candidates should have demonstrated intellectual leadership and management skills to elevate this department to one of the premier ECE departments in the nation. Candidates must qualify for tenure in the rank of professor and should have achieved international distinction in university-level teaching and research and have a record of superior scholarship, administrative ability, and academic leadership. The complete advertisement for this position is available at <http://www.ece.vt.edu/positions/dephead.html>. Please refer to that web site for details on the position, application procedures, and review process. General department information is at www.ece.vt.edu. An Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF SOUTH CAROLINA SPARTANBURG. Assistant or Associate Professor, nine-month tenure-track position in computer science beginning January 2004. Ph.D. in computer science or

computer engineering required, ABD with completion of doctorate by Dec. 2003 considered. Excellence in teaching, scholarly work, and service expected; established research record, commitment to undergraduate education given strong consideration. Send letter of application, academic transcripts, curriculum vita, and three letters of recommendation to Computer Science Search Committee, Math & Computer Science, 800 University Way, Spartanburg, SC 29303. Review of applications begins August 15, 2003, and continues until the position is filled. www.uscs.edu. USCS is committed to affirmative action, equal opportunity and institutional diversity.

SOFTWARE ENGINEERING POSITIONS. The department of Electrical Engineering, Computer Science, and Software Engineering, South Dakota State University, invites applicants for two tenure-track faculty positions in Software Engineering to begin January 5, 2004. (www.engineering.sdstate.edu/~eeweb/). As part of the newest program in the college, the successful candidates 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 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) to: SE Search Committee Chair, EE/CS/SE Department, South Dakota State University, P.O. Box 2220, Brookings, SD 57007. Completed applications postmarked by September 25, 2003 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.

KANSAS STATE UNIVERSITY. The Department of Electrical and Computer Engineering invites applications for a tenure track position in computer engineering for Fall 2004. An earned doctorate is required. Good written and verbal communication skills in English are essential. Candidates should expect to teach undergraduate and graduate courses, advise M.S. and Ph.D. students, conduct research and attract funding in their field of specialization. Preference will be given to applicants in the areas of real-time embedded systems, micro-processors, computer architecture and organization, and computer networking. Faculty are expected to be able to contribute to interdisciplinary activities. A record of publications or demonstrated potential for independent research is necessary. The department has approximately 600 students. Excellent facilities for teaching and research are available. For information about the department and university see: <http://www.eece.ksu.edu/>. Send a letter of application, résumé, e-mail address, and a list of three professional references to David L. Soldan, Head, Department of Electrical and Computer Engineering, 2061 Rathbone Hall, Kansas State University, Manhattan, KS 66506-5204. Applications will be reviewed starting September 15, 2003. KSU is an equal opportunity employer and actively seeks diversity among its employees.

UNIVERSITÄT KARLSRUHE (TH) COMPUTING CENTER. (<http://www.rz.uni-karlsruhe.de>). The Computing Center of the University of Karlsruhe invites applications for an Associate Professorship (C3) in the field of Numerical Methods on Supercomputers. At the University of Karlsruhe the Computing Center has been significantly involved for

Senior Systems Architect and ASIC/FPGA Engineer:

Specialized Supercomputer for Computational Drug Design

Extraordinarily gifted systems architects (including one senior technical manager) and ASIC/FPGA engineers are sought to participate in the development of a special-purpose supercomputer designed to fundamentally transform the process of drug discovery within the pharmaceutical industry. This early-stage, rapidly growing project is being financed by the D. E. Shaw group, an investment and technology development firm with approximately \$4 billion in aggregate capital. The project was initiated by the firm's founder, Dr. David E. Shaw, and operates under his direct scientific leadership.

This project aims to combine an innovative, massively parallel architecture incorporating application-specific integrated circuits and FPGAs with novel mathematical techniques and groundbreaking algorithmic advances in computational biochemistry to direct unprecedented computational power toward the solution of key scientific and technical problems in the field of molecular design. The successful candidate will be working closely with a number of the world's leading computational chemists and biologists, and will have the opportunity not only to participate in an exciting entrepreneurial venture with considerable economic potential, but to make fundamental contributions within the fields of biology, chemistry and medicine.

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

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

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more than twenty years in the work on "Scientific Supercomputing" at the highest stage. In the course of the further development in the State of Baden-Württemberg the University of Karlsruhe will also in the next years play a prominent role. By this professorship the mathematical foundations of numerics on super-computers as well as the development of appropriate algorithms should be emphasized and thereby the co-operation between the Computing Center, the Faculty of Mathematics and the Inter-facultative Institute of Scientific Computing and Mathematical Modeling be intensified. The position is organizationally located at the Computing Center, the tasks in research and education are to be performed as a member of the Faculty of Mathematics. We are looking for a personality with relevant expertise as well as the ability to represent the mentioned fields appropriately in research and teaching. Thus the following aspects are of special interest: Development and realization of efficient, especially parallel and distributed numerical methods; Optimization of solving methods on modern supercomputers; Planning and realization of supercomputer environments; Cooperation with other fields in high performance computing. As the successful candidate will also assume executive functions at the Computing

PENNSTATE



IT RESEARCH FACULTY AND ENGINEERS

The Applied Research Laboratory at Penn State performs fundamental and applied research in a broad range of disciplines. ARL's Information Science and Technology (IST) Division is conducting major research projects in the fields of distributed sensing, networked robotics, system failure diagnostics, emergent collaboration, mobile code technologies, discrete event control, autonomous systems, and information brokering. To support its multi-university research teams, the IST Division has position openings in the areas of INTELLIGENT CONTROL RESEARCH, DISTRIBUTED SYSTEMS SOFTWARE, NETWORKED SYSTEMS, and SCIENTIFIC SOFTWARE DEVELOPMENT. To apply and for a description of the positions and information about the Applied Research Laboratory, you are invited to visit our website at www.arl.psu.edu/index.html and click on Employment. Please indicate source of advertisement and PSU vacancy number in your application cover letter. In addition to applying for a specific vacancy, we request that you complete our online application to be included in our applicant database. Please contact us at arl-jobs@psu.edu if you have any questions or need assistance. U.S. CITIZENSHIP REQUIRED.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.



TEMPE UNIVERSITY Center for Information Science and Technology & Department of Computer and Information Sciences

The College of Science and Technology at Temple University is recruiting for faculty positions in the Center for Information Science and Technology and the Department of Computer and Information Sciences. All tenure-track positions require a Ph.D. or equivalent degree in Computer and Information Sciences or a related area at the time of employment. Recent graduates applying for Assistant Professor positions are expected to have significant research accomplishments with clear potential for external funding. Applicants for Associate Professor or Professor positions must have a strong externally funded research program and a substantial publications record. Exceptionally qualified applicants at the Professor level will also be considered for a Director's position at the Center for Computer Science and Applied Mathematics.

Areas of interest include, but are not limited to, bioinformatics, databases, data mining, machine learning, distributed computing, and mobile computing. We especially encourage applications from candidates whose research is interdisciplinary in nature. Salaries for new faculty are highly competitive, and substantial resources have been allocated for startup funding.

The Department of Computer and Information Sciences has 22 tenure-track faculty members with strengths in broad areas of Computer and Information Sciences and offers B.S., M.S., and Ph.D. degrees in basic and multidisciplinary areas. Temple University, a Carnegie Research I Institution, located in Philadelphia, Pennsylvania, is part of the Pennsylvania Commonwealth System of Higher Education and serves more than 33,000 students.

Applicants should send curriculum vita and bibliography, a statement of recent achievements and research goals, four letters of reference, three representative publications, and a statement of teaching philosophy to the address below.

Chair, Faculty Search Committee
Department of Computer and Information Sciences
303 Wachman Hall (038-24)
Temple University
1805 N. Broad Street
Philadelphia, PA 19122-6094
Or
search@cis.temple.edu

Review of candidates for appointments in the year 2004 will start immediately and will continue until the positions are filled. Temple University is an Equal Opportunity/Affirmative Action Employer and specifically invites and encourages applications from women and minorities. Additional information about the University and the Department and the Information Science and Technology Center is available at www.temple.edu, www.cis.temple.edu, and www.ist.temple.edu.

Center, substantial experience in the management of personnel as well as scientific projects is expected beside an eminent scientific qualification. In case of a first-time call to a professorship the employment status is basically limited in time, exceptions to the limitation are possible. The University of Karlsruhe encourages especially qualified women to apply. Handicapped persons with the same qualifications will be given preference. Applicants are asked to submit a letter of application, together with a curriculum vitae, a list of publications and a summary of their professional career as well as details on their teaching experience to: Prof. Dr. Wilfried Juling, Universität Karlsruhe (TH) Computing Center, D-76128 Karlsruhe, Germany, Telephone: ++49(0)721/608-3158, Fax: ++49(0) 721/32550, E-mail: juling@rz.uni-karlsruhe.de. The closing date is 4 weeks after publication.

SNR DATABASE ADMIN for CRM computer software and service provider. Req BS in computer science & relevant exp serving large scale production environments using Oracle 8i/9i on Linux/Solaris & MQ SQL, J2EE technologies on WebLogic & in the eCRM product space. Send resumes to eAssist, 9330 Scranton Road, Ste. 450, San Diego, CA 92121 or email to jobs@eassist.com.

UNIVERSITY OF CINCINNATI, Head, Department of Electrical & Computer Engineering and Computer Science, College of Engineering. The College of Engineering of the University of Cincinnati invites nominations

and applications for the position of Head of the Department of Electrical & Computer Engineering and Computer Science (ECECS). The Head is expected to have a strong commitment to advancing research and education, to lead the development of innovative programs, including joint ventures with other academic units and to foster and strengthen entrepreneurial and academic partnerships with industry. Qualifications for the Head position include an earned doctoral degree in electrical engineering, computer engineering, computer science, or a closely related field; a distinguished record in research and education; a clear vision for the ECECS disciplines; and established leadership and interpersonal skills. The ECECS Department offers undergraduate and M.S. programs in Electrical Engineering, Computer Engineering, and Computer Science, and offers the Ph.D. in Electrical Engineering and in Computer Science & Engineering. The Department has 46 full-time faculty, 350 full-time graduate students and 500 undergraduate students, and awards approximately 65 M.S. and 20 Ph.D. degrees per year. Annual research and education programs are supported by extramural funding of approximately \$7M. The Department has well-equipped research and teaching laboratories and occupies 45,000 square feet of space including research laboratory space in a new Engineering Research Center. Additional information is available at the departmental web site: <http://www.ececs.uc.edu>. The College is renowned as the home of co-operative education, which remains the hallmark of our undergraduate programs, providing professional experience for all undergraduate students in over 1000 companies in the US, Germany, and Japan.

Building on this foundation, we are integrating distance learning during co-op terms to create a variety of unique five-year combined BS/MS programs. The University of Cincinnati is a state-supported, comprehensive Research 1 institution with an endowment of \$900 million, the tenth largest among public institutions in the nation. Curricula vitae and/or nominations should be sent to Prof. Roy Eckart, Chair, ECECS Head Search Committee, P.O. Box 210018, University of Cincinnati, Cincinnati, Ohio 45221-0018, or electronically (preferably in pdf format) to Roy.Eckart@UC.Edu. Review of applications will begin October 15, 2003. The University of Cincinnati is an Affirmative Action/Equal Opportunity employer and encourages applications from women and minorities.

PROGRAMMER ANALYSTS. BA in Comp Sci, Engr, related field or equiv. Req. Send ad w/resume to: Logic House Ltd., 78-670 Highway 111, #218; La Quinta, CA 92253.

THE UNIVERSITY OF TEXAS AT TYLER, Computer Science Faculty Positions. The Computer Science Department invites applications for two tenure-track faculty positions at the level of assistant or associate professor. An earned doctorate in computer science or computer information systems, demonstrated English communications skills, and commitment to excellence in teaching, research, scholarship and service are required. All areas of specialization will be considered; preferred areas include database systems, networking, distributed systems, computer graphics, e-commerce, software engineering, and computer information systems. Experience with the ABET/CAC-accreditation process is desirable. Information about the department, college, university and the Tyler area can be found on the web at <http://www.uttyler.edu>. Screening will begin on July 15, 2003, and will continue until the positions are filled. Send a letter of application, vita, and names and contact information for three references to Dr. Arun Kulkarni Interim-Chair, Computer Science Department, The University of Texas at Tyler, 3900 University Boulevard, Tyler, TX 75799. Tyler has a growing population of over 80,000, is located in the beautiful East Texas lake country on the I-20 corridor, about 100 miles east of Dallas, 200 miles north of Houston, and 225 miles northeast of Austin. The University of Texas at Tyler is an EEO/AA employer. Women and minorities are strongly encouraged to apply. Applicants selected to fill the positions must be able to present documentation of the right to work in the United States.

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