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/deanhead.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.

CLEMSON UNIVERSITY. Applications are invited for faculty positions in the Computer Engineering area of the Department of Electrical and Computer Engineering. The Department has strong research programs in wireless communications and signal processing, mechatronics, computational electromagnetics, solid-state device reliability, power systems, cluster-based computing, reconfigurable computing, and machine vision. Exceptional candidates at all levels and in all research areas related to computer engineering will be considered. However, we intend to fill at least one position in the area of computer communication networks. For the other positions, we are interested in individuals who can contribute to the Department’s active research programs or who can serve as conduits for building interdisciplinary research teams in emerging areas at Clemson (e.g., robotics/control, intelligent systems, and computer simulation). Candidates should hold a Ph.D. degree in Computer Engineering, Electrical Engineering, Computer Science, or a closely related field and should have high potential for establishing a sustained research program and quality teaching. The individual selected will be expected to contribute to both new and ongoing research programs at Clemson and to teach both undergraduate and graduate courses. A detailed description of the department is available at http://www.ece.clemson.edu. Send resume and names and addresses of five references to Chair, Holcombe Department of Electrical and Computer Engineering, 105 Riggs Hall, Box 340915, Clemson University, Clemson, SC 29634-0915. Evaluation will begin October 1, 2003, and will continue until the positions are filled. Clemson University is an Equal Opportunity/Affirmative Action Employer.

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 $5 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 supercomputer 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 sec@de-shaw.com.

The D. E. Shaw group 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
SENIOR SYSTEM ANALYST. Malcolm Pirnie Inc seeks Senior System Analyst for its Birmingham, AL office. Assesses eng, scientfic or bus fun reqs for info sys of govt & ind clients such as public utilities, water & wvw trmt facilities. Prep detailed design docs & dev cust software solutions, modeling, & database migration utilizing Cold Fusion, Powerbuilder, C++, PL/SQL, SQL Serve 7.0, Sybase, & Oracle. Resp for reqs definition, apps design & imp, testing, documentation, software selection, database & query optimization. Provides tech guidance to jr sys anal. Job Reqs: Bachelor's (or for equiv) in CS or IS & 2 yrs exp in sys anal or cust apps dev utilizing Cold Fusion, Powerbuilder, C++, PL/SQL, SQL Serve 7.0, Sybase & Oracle. Exp may have been obtained concurrently. Emp will accept Master's (or for equiv) in CS or IS in lieu of Bachelor's (or for equiv) in CS or IS & 2 yrs of exp utilizing Cold Fusion, Powerbuilder, C++, PL/SQL, SQL Serve 7.0, Sybase & Oracle. Apply to: jobs@pirnie.com. Ref: 646474. EOE.

CASE WESTERN RESERVE UNIVERSITY, Cleveland, Ohio, Department of Electrical Engineering and Computer Science, Division of Computer Science, Faculty Positions in Computer Science. We invite applications for several CS faculty positions. Appointments at all ranks, including an endowed professorship, will be considered. All applicants must have a Ph.D. in Computer Science. Appointments will be made until the positions are filled, beginning as early as Fall 2003. The department is pursuing the development of leading academic programs and research thrusts influenced by the Bio-Micro/Nano-Info theme. Designated growth areas are bioinformatics, data mining and visualization, and pervasive networks and distributed systems. Thus, special attention will be given to candidates with background in: computer algorithms; networks and distributed computing; data and knowledge management; software engineering; human-computer interaction; graphics, visualization and multimedia; and computer architecture. Further information about the positions and the department is available at http://www.eecs.cwru.edu/. Please send: (i) a current curriculum vitae; (ii) statement of research and teaching interests; and (iii) biographies.

School of Information Systems
Openings for Faculty

Applications for tenure-track and practice-track are invited at all levels.

The Singapore Management University (SMU) was officially incorporated in January 2000. It holds the unique position of being Singapore's first private university funded by the government of Singapore. SMU's mission is to generate leading-edge business and business-technology research with global impact, and to produce creative and entrepreneurial leaders for the knowledge-based economy.

SMU – Carnegie Mellon Partnership
SMU and Carnegie Mellon University (Pittsburgh, USA) have entered into a close partnership to jointly establish the SMU School of Information Systems (SIS). Carnegie Mellon faculty are actively participating in SIS faculty selection, mentoring and development, and in the design of the SIS undergraduate curriculum, research centre, and postgraduate and professional programmes.

SIS Research themes include:
1. e-business technology and management
   - Business process integration
   - Collaborative work
   - Data management
   - Internet distributed computing (including web services, grid, peer-to-peer)
   - Mobile, embedded and pervasive computing

2. Information security technology and management
   - Available and secure computing services and systems
   - Available and secure network services and systems
   - Secure and legal access to devices and data
   - Privacy and trust

3. Architecture and software engineering

4. Information systems management
   - Economic and risk analysis of information systems
   - Management of design and development projects
   - Management of ongoing IT operations

SIS research and educational projects will demonstrate innovative IT applications and economic value propositions in the following industry sectors: financial services, supply chain & logistics services, manufacturing, health & medical services, and the public sector.

SMU is committed to innovative pedagogy. Candidates must be capable of designing and delivering one of the following undergraduate courses: Object oriented systems, Data Management, Networking, Software Engineering, Enterprise systems and integration, Security, Performance & quality of service, or Architectural analysis.

Tenure-track applicants must have a PhD from an internationally recognized university in the areas of Information Systems, Information Technology, Computer Science or related disciplines and an outstanding record of academic research and journal publishing that is commensurate with their desired rank. Tenure-track faculty must also demonstrate a strong interest in research oriented business applications in the targeted industry sectors.

Practice-track faculty applicants must also have a PhD in the related IT disciplines from an internationally recognized university, an outstanding record of participating in leading-edge applications that impact business practice, and a record of professionally relevant publications in applied magazines or conferences.

Qualified candidates should submit a cover letter, curriculum vitae, and three letters of recommendation and samples of published work. All candidates please submit electronically or hardcopy to:

Dr Steven Miller, Dean, SIS
C/O Office of Faculty Administration
Singapore Management University
469 Bukit Timah Road
Singapore 259766
Telephone: +65 6822 0385
Email: siscv@smu.edu.sg

Selected candidates will be asked to interview at Carnegie Mellon University
of the references providing letters of recommendation. Applicants must arrange for at least three letters of recommendation to be submitted directly. All applications should be sent to: Faculty Search Committee, Division of Computer Science, Department of Electrical Engineering and Computer Science, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, OH 44106-7071. In employment as in education, CWRU is committed to affirmative action and equal opportunity. Women and minorities are encouraged to apply.

BAYLOR UNIVERSITY. The department of Computer Science at Baylor University seeks qualified candidates for the faculty chair position. Our greatest strength is a faculty dedicated to the success of students and one another. Interested candidates are welcome to directly contact any faculty member to ask questions about our department and visit the department’s web site of the School of Engineering and Computer Science at http://www.ecs.baylor.edu. Baylor University has embarked on Vision 2012, a move to increase research activities while continuing to emphasize high-quality undergraduate and graduate education. Consequently, the University seeks candidates with high academic standards and Christian convictions matched by active participation in a community of faith. Viable candidates must have a PhD in Computer Science, leadership experience, a commitment to undergraduate and graduate education, a quality research record, good communication and organization skills, and a strong Christian commitment. The University: Baylor, whose 500-acre campus is located alongside the Brazos River, is the oldest university in Texas, the world’s largest Baptist university, and a member of the Big 12 Conference. Baylor annually enrolls more than 14,000 students in over 150 baccalaureate and 80 graduate programs through the College of Arts and Sciences; Schools of Business, Education, Engineering and Computer Science, Music, Nursing, Law, Social Work and Graduate Studies; and the Truett Seminary; and the Honors College. For more information see http://www.baylor.edu. The Department of Computer Science: The Department of Computer Science offers a CSAB accredited BS in Computer Science degree, a BA degree with a major in Computer Science, a BS in Informatics with a major in Bioinformatics, and a MS degree in Computer Science. The Department has 15 faculty members, over 370 undergraduate majors and 30 graduate students. Application Procedure: Applications, including a detailed curriculum vitae, a statement demonstrating an active Christian faith, and a list and contact information for three references should be sent to Chair Search Committee, Department of Computer Science, Baylor University, PO Box 97356, Waco, TX 76798-7356. Appointment Date: Fall 2004. For full consideration, applications should be received by December 1, 2003. Applications will be accepted until the position is filled. Baylor is a Baptist university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Employment Opportunity Employer, Baylor University encourages minorities, women, veterans, and persons with disabilities to apply.

THE UNIVERSITY OF TEXAS AT ARLINGTON, Computer Science and Engineering Faculty Opening for Spring 2004. The University of Texas at Arlington (UTA), Computer Science and Engineering (CSE) Department - CSE@UTA invites applications for tenure-track faculty positions at all levels. CSE@UTA is an Equal Opportunity/Affirmative Action Employer. UTA is situated 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 are committed to excellence in research, teaching, and service. We are in the third 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 7 new tenure track faculty and 4 new full-time non-tenure track faculty to our roster of 37 full-time faculty. The number of our PhD students has increased by 50% since 2000 and the research funds awarded to the department faculty surpassed $3.5M in 2001-02 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 January 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. http://www.cse.uta.edu. The University of Texas at Arlington is an Equal Opportunity/Affirmative Action Employer.

LEHIGH UNIVERSITY, Department of Computer Science and Engineering, Faculty Openings. Applications are invited for positions at both the assistant professor and senior levels in the Computer Science and Engineering Department (www.cse.lehigh.edu) of Lehigh University starting in August 2004. An earlier start date during the 2003-2004 academic year is also possible. The Effective teaching skills and demonstrated potential for research are essential prerequisites. Successful applicants will hold a Ph.D. in Computer Science, Computer Engineering, or a closely related field. Outstanding candidates in all areas of computer science will be considered. The department’s highest prior-
The Department of Electrical Engineering and Computer Science (EECS) of the University of Kansas seeks an outstanding individual for the position of chairperson. The University of Kansas has 26,000 students and is located in Lawrence, a community consistently rated as one of the most desirable places to live. EECS is the largest department in the School of Engineering, with 27 faculty members and a research volume of over $6 million. EECS offers undergraduate and graduate degrees in electrical engineering, computer engineering, and computer science, and has approximately 600 undergraduate and 250 graduate students. For more information see www.eecs.ku.edu, www.itc.ku.edu, and www.visitlawrence.com.

The successful candidate should have an earned doctorate or equivalent in electrical engineering, computer engineering, computer science, or related field and have an interest in leading faculty, developing academic and research programs, and representing the department to industry, government, administration, and alumni. A candidate meeting university-wide criteria may also be appointed as Distinguished Professor.

The appointment will be effective as negotiated. Applications and nominations should be sent to Dr. Susan Gauch, Chair, Chair Search Committee, Electrical Engineering and Computer Science, The University of Kansas, Eaton Hall, 1520 W. 15th Street, Room 2001, Lawrence, KS 66045. A complete application should include a letter of application, curriculum vita, and the names and addresses of three references. Applications will be reviewed beginning October 1, 2003 and will be accepted until the position is filled.

The University of Kansas is an EO/AA employer.
UNIVERSITY OF KANSAS
Department of Electrical Engineering and Computer Science
Bioinformatics Faculty

The Department of Electrical Engineering and Computer Science (EECS) of the University of Kansas (KU) seeks an outstanding individual to fill a senior faculty position in the disciplines of computer science or computer engineering with a focus on bioinformatics theory/sciences. The successful faculty candidate is expected to provide leadership for the development of academic and research programs in computing with an application focus in bioinformatics while participating in research collaborations. KU has a major commitment to support life sciences research, including bioinformatics, and there are outstanding opportunities for collaboration with others on the Lawrence campus and at the KU Medical Center in Kansas City, KS.

Of particular interest is expertise in distributed databases, information modeling, statistical pattern analysis, machine learning, data mining, and algorithm optimization; all with applications to bioinformatics. Candidates are sought for appointments ranging from Professor to Distinguished Professor. Candidates for Distinguished Professor must meet university-wide criteria specific to such an appointment. The successful candidates should have an earned doctorate or equivalent in computer engineering, computer science, or related fields. Demonstrated research and academic leadership is required.

For more information concerning this position, the University of Kansas, and Lawrence, see http://www.eecs.ku.edu/jobs/bioinformatics_search.

The appointment will be effective as negotiated. Applications and nominations should be sent to Dr. Victor Frost, Search Committee Chair, KU, Nichols Hall, 2335 Irving Hill Dr., Lawrence, KS 66045. Applications should include a letter of application, curriculum vita, and the names and addresses of three references. Applications will be reviewed immediately, but will continue until the position is filled. The University of Kansas is an EO/AA employer.

UNIVERSITY OF PENNSYLVANIA, Department of Computer and Information Science, Faculty Positions. The University of Pennsylvania invites applicants for tenure-track appointments in both theoretical and applied computer science with an emphasis on information engineering and systems. We are seeking individuals whose research and/or teaching interests lie within the broad areas of distributed systems, machine vision, and networking and distributed systems. The University of Pennsylvania invites applications from women, members of minority groups, members of protected veteran status, and persons with disabilities.

The University of Pennsylvania, located near the center of Philadelphia, the 5th largest city in the US. Within walking distance of each other are its Schools of Arts and Sciences, Engineering, Medicine, the Wharton School, the Annenberg School of Communication, Nursing, Law, and Fine Arts. The University campus and its surroundings in Philadelphia benefit from a rich diversity of scientific, educational, and cultural opportunities, major technology-driven industries such as pharmaceuticals and aerospace, as well as attractive urban and suburban residential neighborhoods. Princeton and New York City are within commuting distance. To apply, please complete the form located on the Faculty Recruitment Web Site at: http://www.cis.upenn.edu/positions/faculty_application.html. Electronic applications are strongly preferred, but hard-copy applications (including the names of at least three references) will be considered.

IEEE Volunteer and staff forums to accomplish this objective. The IEEE (Institute of Electrical and Electronics Engineers) is the world’s largest professional technical organization with over 380,000 members worldwide. We are currently seeking a Chief Information Officer for our 85-person IT Department in Piscataway, NJ.

RESPONSIBILITIES:
• Provide strategic focus for the application of information technology in meeting current and future business needs in synergistic and cost-effective ways. Actively provide leadership in IEEE Volunteer and staff forums to accomplish this objective. The call for volunteers is to provide leadership in IEEE Volunteer and staff forums to accomplish this objective.
• Provide management direction in the establishment and evolution of information technology architectures that enable and support interoperability, high availability, security, maintainability and efficiency.
• Instill disciplined project management methodology to assure consistent, high quality results.
• Develop and recommend institute-wide policies and standards for information systems and their use, supporting technology and IT operational controls.
• Formulate an annual budget and monitor results.

QUALIFICATIONS:
• Bachelor’s degree in Computer Science, Computer Engineering or related discipline is required (Advanced degree in Computer Science, Computer Engineering or Business is preferred).
• A proven track record of successful broad scale information technology management with a minimum of 5 to 7 years of senior management and planning of utilization of IT resources.
• Demonstrated ability to work effectively with a matrix type organizational structure.
• Demonstrated project management skills.
• Broad technical understanding of modern computing and communications technologies.

We offer a competitive salary and a comprehensive benefits package including medical, dental, 401(k) plan with company match, flexible spending accounts, as well as company paid pension plan and life insurance, and a business casual dress code. Please apply online by attaching a confidential resume, including salary history and Job Code E1601, to the Resume Submittal Form at www.ieee.org/staffcareers (Applicants MUST include salary history and Job Code E1601 in order for their resume to be processed. Only those resumes that go through the submittal form from the web address above will be considered) NO AGENCIES PLEASE. Equal Opportunity Employer M/F/D/V.

Visit our website at www.ieee.org/about/hr
least four references) may alternatively be sent to: Chair, Faculty Search Committee, Department of Computer and Information Science, School of Engineering and Applied Science, University of Pennsylvania, Philadelphia, PA 19104-6389. Applications should be received by January 15, 2004 to be assured full consideration. Applications will be accepted until positions are filled. Questions can be addressed to: fac-recruit-search@central.cis.upenn.edu. The University of Pennsylvania is an Equal Opportunity/ Affirmative Action Employer. The Penn CIS Faculty is sensitive to “two –body problems” and would be pleased to assist with opportunities in the Philadelphia region.

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 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. 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.

INFORMATION TECHNOLOGY GROUP MGR: 2 yrs exp req. Send ad w/ resume to: Sitelite Holdings, Attn: HR, 111 Theory, 2nd Fl., Irvine, CA 92612.

UNIVERSITÄT STUTTGART. The Faculty of Computer Science, Electrical Engineering and Information Technology of the Universität Stuttgart, Germany, is filling the position of an Associate Professor (C3) in Embedded Systems Engineering. The field of expertise sought encompasses design and/or application of embedded systems under hardware and software oriented aspects. Details are described on the web at http://www.informatik.uni-stuttgart.de/fakultaet/embeddedsystems.html. Applicants are invited to send detailed CVs before the 1st November 2003 to: Dean of the Faculty of Computer Science, Electrical Engineering and Information Technology, Universität Stuttgart, Pfaffenwaldring 47, 70569 Stuttgart, Germany. The University of Stuttgart wishes to increase the
proportion of female academic staff and, for this reason, especially welcomes applications from women. Handicapped persons with the same qualifications will be given preference.

**AUGMENTED REALITY SYSTEM DEVELOPER.** Implement & maintain h/w & s/w for 3-D comp. graphics visualization; research, design & implement s/w for custom built Head Mounted Displays. Requires: M.S. Comp. Sci & 1yr exp. or 1 yr exp. S/w Eng. Send resume to Prof. James Oliver, HCI Search Committee Chair, oliver@iastate.edu. Review of applications will begin on October 1, 2003. Iowa State University is an equal opportunity/affirmative action employer.

**PROJECT MANAGER.** MBA in Computer Information Systems req. Send ad w/ resume to: Brainyworks of America, Inc., 120 W. 45th Street, Ste. 401, New York, NY 10036.


**DIRECTOR AND FACULTY POSITIONS, Center for Bioinformatics and Computational Biology, University of Maryland, College Park.** The University of Maryland invites faculty applications at the assistant, associate, and full professor level for the Center for Bioinformatics and Computational Biology. The campus has committed resources to recruit several new faculty in the Center, including a Director. It is anticipated that the primary specialization areas of the new faculty will collectively span fields of computer science, mathematics and statistics, biology, and biochemistry. Their primary responsibility will be to lead a nationally visible research program in selected areas of computational genomics, proteomics, molecular evolution and phylogenetics, complementing existing strengths at the University of Maryland. Candidates for the Director position are expected to be prominent senior researchers in one of these areas. All other applicants are expected to have publications and research experience beyond the Ph.D. degree with strong components of biological science and computing. Experience in interdisciplinary collaboration is an asset. The faculty will be housed in contiguous space set aside for the Center and will have access to significant high-end computing infrastructure through the University of Maryland Institute for Advanced Computer Studies. Faculty members in the Center are also affiliated with at least one other campus academic unit appropriate to their interests. There is ample potential for collaboration with other outstanding bioinformatics research groups nearby, in organizations such as NIH, Celera, TIGR, the University of Maryland Biotechnology Institute and the Smithsonian Institution. To apply, send a letter of application, curriculum vitae, and letters of recommendation, following the instructions available at the Center’s web page: http://www.umiacs.umd.edu/cen ters/bio.htm. The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. Applications completed by November 23, 2003 will receive full consideration.

**ELECTRIC RESEARCH ENGINEER.** Will conduct research in electrical phenomena to discover facts, or will perform research using standard laboratory techniques directed toward analyzing, testing and evaluating electronic circuitry, its speed, efficiency, quality and design for use in battery packs, chargers, and power supplies. Will build laboratory test equipment, design, develop, and use in battery packs, chargers, and power supplies. Will use laboratory test data to use in battery packs, chargers, and power supplies. Will use laboratory test data to use in battery packs, chargers, and power supplies. Will prepare technical reports for use by engineering, management or sales engineering personnel. Will build laboratory test equipment to perform optimum experiments; will test products in the battery test laboratory, product development laboratory and electronics laboratory. Must be able to use gamma ray detector, film stress gage, spectra analyses, oscilloscopes and knowledge of circuit designs. Must have experience in laboratory setting using...
correct procedures, gamma ray detector, film stress gage, spectra analyses, oscilloscopes and knowledge of circuit designs. Must have knowledge in mathematical analysis and analytical techniques. Must have knowledge of graph theory and product design. Must have master’s degree in math or electrical engineer and 6 months of experience as a science lab technician or in a related occupation. Full time. Salary: $ 45,000 per year. Send resumes to: DWS, Attn: Erlinda Anderson, Job Order # 8054906, 140 East 300 South, SLC, UT 84111.

BRIGHAM YOUNG UNIVERSITY (BYU). Applications are invited for Computer Science tenure-track faculty positions. Applicants must have a Ph.D. and strong research orientation to support the Ph.D. and M.S. programs. For more information, see www.cs.byu.edu. BYU is an EEO/AA employer with preference for LDS candidates.

RUTGERS UNIVERSITY: The Center for Computational Biomedicine Imaging and Modeling (CBIM) at Rutgers University is seeking a Research Scientist. The successful candidate is expected to define and execute research agenda in the areas of computational biomedicine, medical image processing, computer vision and graphics. The candidate must be able to demonstrate scientific accomplishments in the above areas and proficiency in physics-based models and variational methods. The position requires a Ph.D. in Computer Science or a closely related field. Assumes additional responsibilities as assigned. Excellent interpersonal oral and written communications skills are essential. Please send application to Dr. Dimitris Metaxas, c/o Ms. Maryann Holtscaw, DCIS, 110 Frelinghuysen Road, Rutgers University, Piscataway, NJ 08855. Application deadline: October 15, 2003. Rutgers University is an Equal Opportunity, Affirmative Action Employer.

COMPUTER NETWORK COORDINATOR. Christian youth center seeks individual to plan, install, direct and support local area network/internet system. Maintain hardware/software; ensure network availability to all users; perform necessary maintenance; may develop and implement database programs. All programs in Korean language. Candidate must have BS or equiv in computer science or CIS; read/write Korean. Send resume: Hallelujah Youth Christian Center, 6062 Buford Hwy, #117, Norcross, GA 30071.

SUBMISSION DETAILS: Rates are $235.00 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.

The Faculty of Computer Science, Electrical Engineering and Mathematics of the University of Paderborn offers the position of

Full Professor in Computer Engineering (C4)
at the Institute of Electrical Engineering and Information Technology.

Preferable research areas are:
- Real-time, embedded systems
- Computer architectures
- Distributed systems with emphasis on ambient intelligence, pervasive/mobile computing
- Fault tolerance, safety, security, and dependability in computer systems

A strong interdisciplinary commitment to research is required in order to facilitate cooperation with other faculties of the University, in particular with those of Mechanical Engineering and Natural Sciences. Teaching duties will include undergraduate and graduate teaching in the Institute’s degree programs in Electrical Engineering/Information Technology and Computers in Engineering.

Applicants should have a PhD degree, a record of excellence in both teaching and research and leadership ability as well as experience in the acquisition of research funds.

The University of Paderborn is an equal opportunity employer, and encourages women to apply for the position. Women will be given preference in case of equal qualification.

Applications including a CV, a concise summary of interdisciplinary research accomplishments including a list of past teaching activities, a list of publications, copies of diplomas, and the names of three referees should be submitted by 19 September 2003 to the following address:

Dekan der Fakultät für Elektrotechnik, Informatik und Mathematik der Universität Paderborn, Warburger Str. 100, 33098 Paderborn

Further information about the Faculty of Computer Science, Electrical Engineering and Mathematics is available under http://www.ifi.paderborn.de/cemc, cemc-dekm@sph.de.

At Panasonic Information and Networking Technologies Laboratory, our success depends on every single employee’s contributions— because the more we grow as individuals, the more we grow as a company. We currently have the following openings in Princeton, NJ:

Pervasive Devices Networking Scientist

Leading research in new protocols for networked consumer electronic devices, you will be responsible for creating a research plan, managing a group in implementation of this plan, creating relevant intellectual property, and making contributions to appropriate international standards organizations such as IETF. Must have a Ph.D. in CS or EE, and 3+ years’ post-doc experience, including experience in the software technologies needed to approach this problem.

Multimedia Device Middleware Architect

You will lead research in middleware for networked devices and the design and development of prototypes that demonstrate the practical feasibility of your ideas. Researchers participate in international standards organizations, such as IETF, OMA, ATSC, OSGi, etc. Must have a Ph.D. in CS, preferably in programming languages, SW engineering, compilers, and/or operating systems with 3+ years’ post-doc experience. Experience in Java technology is required. It is expected that research will lead to patents and publications. Domestic and international travel is required. In addition to an environment that’s as innovative as our products, we offer competitive salaries and superior benefits. Please forward your resume to: Panasonic Technologies Company/PINTL, 2 Research Way, 3rd Floor, Princeton, NJ 08540; fax: (609) 987-8827; email: recruit@research.panasonic.com, site: www.pintl.research.panasonic.com.

Multimedia Device Middleware Architect

Leading research in middleware for networked devices and the design and development of prototypes that demonstrate the practical feasibility of your ideas. Researchers participate in international standards organizations, such as IETF, OMA, ATSC, OSGi, etc. Must have a Ph.D. in CS, preferably in programming languages, SW engineering, compilers, and/or operating systems with 3+ years’ post-doc experience. Experience in Java technology is required. It is expected that research will lead to patents and publications. Domestic and international travel is required. In addition to an environment that’s as innovative as our products, we offer competitive salaries and superior benefits. Please forward your resume to: Panasonic Technologies Company/PINTL, 2 Research Way, 3rd Floor, Princeton, NJ 08540; fax: (609) 987-8827; email: recruit@research.panasonic.com, site: www.pintl.research.panasonic.com.

Multimedia Device Middleware Architect

Leading research in middleware for networked devices and the design and development of prototypes that demonstrate the practical feasibility of your ideas. Researchers participate in international standards organizations, such as IETF, OMA, ATSC, OSGi, etc. Must have a Ph.D. in CS, preferably in programming languages, SW engineering, compilers, and/or operating systems with 3+ years’ post-doc experience. Experience in Java technology is required. It is expected that research will lead to patents and publications. Domestic and international travel is required. In addition to an environment that’s as innovative as our products, we offer competitive salaries and superior benefits. Please forward your resume to: Panasonic Technologies Company/PINTL, 2 Research Way, 3rd Floor, Princeton, NJ 08540; fax: (609) 987-8827; email: recruit@research.panasonic.com, site: www.pintl.research.panasonic.com.