Science Does Poorly in Funding Stopgap

By Peter Harsha

After failing to meet the end-of-fiscal-year deadline on the annual appropriations bills necessary to keep the Federal government functioning, Congress and the Administration agreed on a stopgap funding measure in late September that will ensure that Federal science agencies in 2009 will face a fourth straight year of reduced budgets.

The stopgap measure, called a “Continuing Resolution” (CR), will fund government agencies through March 6, 2009—more than halfway into the new fiscal year—at the same funding levels they received in FY 2008. For agencies like the National Science Foundation, National Institute of Standards and Technology, and Department of Energy Office of Science, this stasis amounts to FY 2009 representing a cut in funding when taking into account the effects of inflation. In fact, because the CR references the funding levels contained in the FY 2008 Omnibus Appropriations and not the increased funding levels the agencies received as the result of a mid-year “emergency supplemental” appropriation, it represents a considerable cut compared to the FY 2008 final budgets.

Unless funding for science agencies is increased significantly after the current CR expires in March, the agencies appear to be headed for a fourth straight year of declines in constant-dollar funding. According to NSF, after adjusting for inflation, federal research and development funding fell 0.2 percent between FY 2005 and FY 2006, and fell an additional 1.6 percent from FY 2006 to FY 2007. NSF has not released figures yet for FY 2007 to FY 2008, but CRA’s own analysis of the numbers shows a likely decrease of greater than 1.0 percent after adjusting for inflation.

The fact that Congress ended up passing a stopgap CR was not a surprise to many in the science advocacy community. On the Computing Research Policy Blog, discussions of the likelihood of a CR or other related appropriations meltdown have been posted since February 2008 (see, for example, our first analysis of the FY 2009 Budget Request: http://www.cra.org/govaffairs/blog/archives/00006211.html). After the FY 2008 appropriations process broke down over failure to agree on an overall spending level, it seemed clear that a similar outcome was likely for FY 2009. After all, the dynamics of the process had not changed: a Democratic majority in Congress not quite large enough to overcome a President veto, and a President with allies in Congress who pledged to veto any spending over his requested limit.

When the President threatened in his State of the Union Address in January 2008 to veto any appropriations bills that did not cut FY 2008 earmark levels in half, he virtually assured that he would not be around to see any of the final appropriations bills. Cutting spending levels by the amount the President requested would require significant cuts to Democratic priorities. With a new Administration guaranteed to be in place in late January 2009, it seemed highly likely that the Democratic leadership in Congress would simply delay passage of appropriations bills until after the election. The early election and reassess the funding landscape then. And indeed, that is essentially what they have done.

Predicting what might happen by the March 2009 expiration of the CR is made very difficult by the large number of variables in play. As we go to press in early October, the most significant is the impact of a potentially $100 billion+ federal bailout of the financial sector. It is not exactly clear how such a large expenditure—$700 billion exceeds the total size of the Department of Defense budget, or total spending on Medicare or Medicaid or Social Security in a single year—will be accounted for in Congress and what impact it might have on the discretionary spending numbers. It is also not clear what impact it will have on the attitudes of policymakers towards discretionary spending for other priorities like science funding. At a minimum, it seems likely that such a large payout may amplify so-called “deficit politics,” perhaps making policymakers less inclined to see Federal discretionary spending rise at all and creating an environment where it may be hard to realize hardworn commitments to increase funding for science agencies.

The other unknown is how the new Administration will approach funding for federal science agencies. The good news for those in the science community is that both major candidates have committed to following the funding recommendations approved by Congress as part of the American Competes Act, which called for doubling the budgets of NSF, NIST and DOE Office of Science—over seven years. However, how both candidates approach this commitment varies somewhat—and both will be affected

New CRA-W Co-Chairs Begin Three-Year Terms

Professor Carla E. Brodley, Department of Computer Science at Tufts University, and Dr. Kathleen Fisher, Principal Technical Staff Member at AT&T Labs Research, assumed their responsibilities as co-chairs of CRA-W at its Steering Committee meeting October 16-18, 2008, in San Francisco. Carla E. Brodley received her Ph.D. in computer science from the University of Massachusetts at Amherst in 1994. From 1994-2004, she was on the faculty of the School of Electrical Engineering at Purdue University, West Lafayette, Indiana. Professor Brodley's research interests include computer security, machine learning and knowledge discovery in databases. She has worked in the areas of intrusion detection, anomaly detection in networks, hardware support for security, classifier formation, unsupervised learning and applications of machine learning to remote sensing, computer security, and content-based image retrieval of medical images.

Kathleen Fisher received her Ph.D. in computer science from Stanford University in 1996. Her research focuses on the design, implementation, and theoretical foundation of object-oriented programming languages as well as domain-specific programming languages for processing data. Dr. Fisher actively contributes to the field of programming languages, publishing papers in the top conferences. The main thrust of her recent work has been in domainspecific languages to facilitate programming with massive amounts of ad hoc data. In particular, Dr. Fisher initiated and leads the PADS project—a system that allows data analysts to write declarative descriptions of ad hoc data, including both physical layout information and semantic constraints. From such descriptions, the PADS system generates tools and applications for manipulating the data. She is Chair of SIGPLAN, on the steering committee of CRA-W, and an editor of the Journal of Functional Programming. CRA-W Co-Chairs oversee all activities and events of CRA-W, and their responsibilities have grown as CRA-W has grown. Co-Chairs are selected by the CRA-W Steering Committee with advice from CRA-W; they serve three-year terms. Lori A. Clarke, professor of Computer Science at UMass Amherst, and Lori L. Pollock, professor of Computer Science at the University of Delaware, have served as co-chairs of CRA-W for the past three years, and have provided excellent leadership that has resulted in tremendous growth in CRA-W activities and events. (See photo on p. 6.)
Expanding the Pipeline

Internships Enhance Student Research and Educational Experiences

By Joann J. Ordille

Government and industrial internships can enhance the retention of students in the computer science pipeline by augmenting the educational and research experiences they receive in school. In academic programs with large numbers of students where personal attention from professors may be limited, an internship can provide one-on-one or small-group mentoring from a computer science researcher or professional. Internships can provide access to equipment, training, expertise or other resources that may not be readily available in the academic environment. For example, a student who is researching Internet search might benefit from access to the data of a search engine company; or a student who is researching quality of service in networks might benefit from access to the experimental networks and operational logs of a communications company. This article summarizes some best practices for students, faculty, and industry researchers that can help them get the most out of internship experiences.

Undergraduate and Graduate-Level Internships

Internships at government and industrial research labs sometimes serve to identify the undergraduate students to computer science research. In one case, the student identified an unsolved problem, and the mentor said, "Congratulations, you have just found your summer project." The student later reported that no teachers had ever acknowledged that there were unsolved problems, things they didn’t know. When experience is limited to the classroom, a student may miss out on the thrill of research that could motivate advanced study. In several cases, interns reported exhilaration in their first research experience of tackling an unsolved problem.

Internships for graduate students vary depending on whether the student has identified a research area and a mentor. Students who have not may have "Ah-hah" experiences similar to those experienced by undergraduates. A research lab internship may provide their first in-depth experience of research. It may also lead to the identification of a research area and a long-term collaboration with researchers in the sponsoring lab.

Graduate students who have selected a research area can seek internships with experts in that area. Such an arrangement provides an additional perspective and expands the student's professional contacts. It can lead to publications and other substantive research progress in the student’s area.

In addition to interviews, the mentor may then be available to collaborate further, serve on the student’s Ph.D. committee, provide recommendations for future scholarship, and advise and encourage the student. A student’s advisor is often instrumental in arranging these internships through existing collaborations and professional contacts.

Many students will decide to pursue development positions in industry or government after completing their research. Internships are often critical to these students in establishing an experience base and references for later job applications. The internship application process itself provides training in how to apply and interview for a job. Whether an internship is research related or not, the sponsoring organization typically give preferential treatment to past interns when hiring.

Application Process

Students need to prepare summer internship applications early in the calendar year and, in some cases, by early December of the prior year. When decisions are made on a rolling basis, the advantage goes to students who apply early. Some organizations also hire interns at other times and for longer periods (e.g., 6 to 12 months). If the intern is coming to the United States from another country, a longer internship is often desirable due to the effort needed to obtain the proper visa.

Industrial internships in the United States are usually open to both US and non-US citizens. Foreign students with F1 visa status may work as interns as part of the curricular practical training (CPT) or optional practical training (OPT) programs. In CPT, the practical training must be an integral part of the course of study. One university implements this program as a summer course in which students enroll, and the content of the course is the internship. In OPT, students are allowed to work for a limited number of months during or after their course of study. (The default limit is 12 months, but recent changes have allowed up to 29 months in some circumstances.) OPT requires that an application be submitted for federal government approval at least 3 months in advance of employment. Since OPT can provide an intern with employment after graduation, while additional credentials to work in the US are obtained, it is beneficial for universities to provide mechanisms that allow students to use CPT for summer internships. This streamlines the internship approval process and allows students to preserve their OPT time for the first post-graduation employment.

The internship application process requires a resume, letters of recommendation, and an interview. A student letter should accompany mail or email applications, and web applications when permitted. In addition to the internship application, students often use web pages to provide supporting papers, software, or demonstrations. Applicants are typically interviewed by phone and, if possibly followed by an in-person interview. Various web sites provide sample interview questions (e.g., www.softwareinterview.com and www.acethereview.com), and advisors can assist students by having them practice for interviews.

Attention should be paid rather than by boxing both oral and interview questions because students often show differing levels of skill in communicating in these different settings. Following interviews, students should send thank-you letters summarizing the interview and expressing their interest in the sponsoring organization.

Cultural misunderstandings of the interview process have been known to occur. Students need to know that it is permissible to apply simultaneously to multiple prospective employers, but they should not continue the interview process once a position is accepted is not generally condoned. Students often need assistance in sorting out multiple offers, or in pursuing a prospect for an offer while delaying a decision on other offers received. Some companies provide very little information about the job or the mentor involved in the internship. In these cases, a student may be able to obtain information by asking for more detail and possibly agreeing to sign a non-disclosure agreement.

Ph.D. students may want to obtain assurances that they will not lose intellectual property rights to their thesis work when working on related topics during their internship. Students are encouraged to contact their advisor or the university career counseling office when they need help with responding to offers.

Resources for Finding an Internship

Resources are available online for identifying internship opportunities. The ACM provides internship information at www.acm.org/crossroads/. Information on the availability of these internships do not have a research component, but are helpful to students who are seeking work experience.

Research lab internships may be advertised on the sponsoring organization’s web site. A list of research labs is available from the web site of the Computing Research Association’s Committee on the Status of Women in Computing Research (CRA-W) at www.cra.org/Activities/craw/projects/indstry_researchers/main.html. By far, the best way to obtain a research lab internship is through personal contact with the student’s advisor (or another faculty member) and the prospective research lab mentor. Some faculty have built relationships with researchers in various labs, and students each year to intern with those researchers.

Searching the Internet can reveal other interesting and unusual internship programs. The NSF East Asia and Pacific Summer Internships for US Graduate Students (EAPS) is available from www.cra.org/Activities/craw/projects/indstry_researchers/main.html. By far, the best way to obtain a research lab internship is through personal contact with the student’s advisor (or another faculty member) and the prospective research lab mentor. Some faculty have built relationships with researchers in various labs, and students each year to intern with those researchers.
Message from the CISE AD
A7: Anytime Anywhere Affordable Access to Anything by Anyone Authorized

By Jeannette M. Wing, Assistant Director of NSF for CISE

Imagine a world where computers are everywhere—we use them everywhere, but we see them nowhere because they are either invisible to the naked eye or so visible they are taken for granted.

Ubiquitous computing has been a dream since the late 1980s and is a reality today—to a degree. Looking ahead, computing will become even more ubiquitous along many dimensions, and for each dimension, at multiple scales. To convey the multiplicity of dimensions and scale, I have dubbed the 21st Century version of ubiquitous computing 3A7: Anytime anywhere affordable access to anything by anyone authorized.

Technological advances and societal expectations have expanded not only the what, who, and how since the 1980s, but also the relative importance of two dimensions, affordable and authorized. Feeding 3A7 will be a degree of intelligence in our computing systems beyond what they display today. The power and versatility of tomorrow’s computing systems will be defined by the synergistic and complementary combination of human intelligence and machine intelligence.

Anytime and anywhere: The three dimensions of space and the fourth of time speak most obviously to ubiquity. Computing will become even more ubiquitous along many dimensions, computing will become even more ubiquitous along many dimensions, ubiquity today—to a degree. Looking ahead, the next generation thinks nothing of tweeting minutiae about their lives on the Internet. Specification and enforcement of dynamic security and privacy policies will be tailored to individuals as well as to organizations.

How CISE Programs Relate to A7

CISE’s core programs in its three divisions—Computing and Communication Foundations, Computer and Network Systems, and Information and Intelligent Systems—all play a role in meeting the scientific, technological, and societal research challenges of A7 (see www.cise.nsf.gov for details of all programs). In addition, the following CISE cross-divisional programs highlight some of the more ambitious aspects of this vision.

Cyber-Physical Systems: The new CPS program, joint with the Electrical, Communications, and Cyber Systems Division of the Engineering Directorate, addresses the interactions between the discrete and the continuous, where tight coupling between the cyber-system and its physical environment demands precise control and coordination. The CPS program spotlights the pressing challenge of reasoning in the presence of uncertainty where cyber-systems are truly anytime and anywhere.

Affordable: Cost is not a barrier to access. Africa’s cellphone boom is not only helping local entrepreneurs sell fish and buy plants, but is also changing voting and banking processes.

Data-Intensive Computing: How do we compute with oceans of data? Giving access to anything is not simply giving access to the bits—it is giving access to the knowledge those bits represent. To turn data into information into knowledge is one of our biggest challenges today.

Trustworthy Computing: By “trustworthy” we mean secure, reliable, privacy-preserving, and usable. We need foundational advances in security and privacy if we are to guarantee authorized access of the A7 vision. We need to explore the balances between user control and user convenience without compromising security and by protecting privacy.

A7: Affordable Access
Continued on Page 6
Faculty Recruitment Timelines: Proposal for Change

By Eric Grimson

The CRA Board of Directors has recently had discussions about problems in faculty hiring practices, especially related to the timing of the process and the associated deadlines that results as candidates wait for responses to their job applications.

Problems identified in the current process include:

- Candidates waiting to hear from particular schools defer decisions on pending offers, making it difficult for other schools to move to alternative offers.
- Positions may go unfilled because the process runs very late at some schools; by the time a candidate turns down an offer, the remaining pool may be committed; and
- Some candidates may accumulate a significant number of offers before deciding, thus delaying the opportunity for schools to move to alternative offers.

The timing issue impacts both departments and candidates. From a department's perspective, the delay in informing candidates of offers or declinations can mean that by the time a candidate finally turns down an offer, it may be too late for the department to go to the next person on its list. As a result, the position remains unfilled or, in some cases, the slot expires due to school regulations.

From a candidate's perspective, a more timely decision process may mean earlier decisions by other candidates, thus freeing up slots elsewhere in the chain. Anecdotal stories suggest that under the current system, a candidate will occasionally be "number two" on the list of many departments, yet end up with no offers because "number one" delayed making a decision while waiting to hear from a particular school. It is hoped that a more uniform process will benefit both departments and candidates.

CRA recognizes that schools operate under different constraints, and no single set of guidelines will work for all schools. Moreover, CRA has no desire to "legislate" changes because it recognizes the need for each school to act in its best interests. Through discussions with selected departments, however, there appears to be a general agreement on a set of principles for streamlining the recruiting process, which will improve the climate for all schools and candidates as well. These general principles include:

1. Beginning the search process earlier in the academic year can help ease backlogs at the end of the year. As a consequence, it is suggested that a date of November 15 be used as an initial application deadline.
2. We understand that some schools cannot commit to a specific date because local regulations bar them from considering any applications submitted after that date. We do not expect schools operating under such constraints to use a formal deadline, but hope they will adjust their schedules to encourage submissions prior to November 15.
3. We understand that some schools may not know whether they have been allocated slots by their administration in sufficient time to advertise positions subject to this decision, due to constraints from state legislatures or other governing bodies. We would hope that such schools would still commit to the principle of accelerating the review process as much as possible, relative to those constraints.
4. We understand that schools do not want to enforce a hard deadline, especially one this early in the academic year, as some candidates may still be deciding on their timetables and career paths. Nonetheless, we believe that by making the target date earlier in the academic year, the tangle of applications can occur earlier in the season and ease the pressure during the final stages of searching.
5. The principle of speeding up the end process is generally agreed upon. But setting specific dates by which all interviews have taken place and all offers have been issued is not something on which all schools can agree. However, there are several principles that are generally accepted that will improve the recruiting process. Specifically:
   - Schools would commit to issuing declinations as early as possible. This has two forms. First, candidates who are not going to be invited for an interview would be informed as soon as decisions on interviews have been made. We understand that schools may wish to keep in reserve a pool of candidates for a possible interview in a second round, but candidates who are in neither the initial interview pool nor the reserve pool would be informed of the school's decision. Second, where possible, rather than waiting until all interviews have taken place, schools would commit to informing interviewees as soon as possible that an offer will not be forthcoming. Again, we expect that schools may wish to keep a reserve pool of candidates while they wait to hear back on offers made or until they are able to make final decisions. But in cases where the school clearly feels that a candidate will not be receiving an offer, they will inform that candidate as soon as possible.
   - 3. Although no specific date is acceptable to all schools, schools would support the principle of completing all interviews and extending offers before May 1 of each year.

Faculty Recruitment Timelines
Continued on Page 6
provide research internships in East Asia and the Pacific with an application deadline in early December (www.nsf.gov/funding/pgm_summ.jsp?pims_id=5284). Internships from Page 2

Internships from Page 2

provide research internships in East Asia and the Pacific with an application deadline in early December (www.nsf.gov/funding/pgm_summ.jsp?pims_id=5284). CRA-W and the Coalition to Diversify Computing (CDCC) provide research internships as part of their programs for women and minority undergraduates (www.cra.org/Activities/craUgradResearch). Many undergraduate research internships at universities are funded by the NSF Research Experience for Undergraduates (REU) program. NSF provides a list of participants in this program (www.nsf.gov/cise/eps/reu), and students can investigate opportunities with individuals on the list.

Techniques for a Successful Internship

Internships last a very short time, approximately 10 to 12 weeks, so planning and initiative by students can help ensure success. When students accept an internship, they may wish to ask if there is any background reading or skills acquisition that would help them prepare for it. Once the internship begins, structuring the work in phases with intermediate checkpoints can be beneficial. The last phase of the plan is a week for preparing and giving a final talk, or producing a final report. Each intermediate phase has a deliverable, such as a survey of the area, a design, an analysis, or a software program. If the schedule slips, the deliverable for the intermediate checkpoint may be the final result for the internship, but the intermediate deliverable guarantees that there will be a result to show! If an intermediate checkpoint is missed, the student and mentor may want to regroup the project to account for the tighter time constraints remaining.

An internship is more than a summer project with a deliverable. It is an opportunity to make enduring professional contacts. Students can easily build contacts, in addition to their mentors, by scheduling an elevator story that describes, in the time of an elevator ride (approximately three sentences), the problem the student is solving, why the problem is important, and how the student’s solution is differentiated from the rest of the pack. Delivering such a story with enthusiasm can lead to many great conversations, and perhaps enduring professional relationships.

After the internship is completed, students will benefit greatly from continuing relationships with their mentors and contacts from the internship. These contacts are possible future collaborators, commit tee members, and recommendation writers. They can be great additional advisors on how to advance in the field. Students can help maintain these relationships by sending greetings and periodic updates, including research papers, through email, and spending time at conferences with their contacts. Through internships, students can gain educational, professional, work, and research experiences, and build professional networks that will serve them well in their future careers.

Joaan J. Ordille is a consulting research scientist in the Software Technology Research Department at Avaya Labs Research, and a member of CRA-W.

CRA-W Anita Borg Early Career Award

Nomination Deadline February 15, 2009 Details: craw_awards@cra.org

November 2008

Computing Research News

The Computing Community Consortium (https://www.cra.org/ccc/) was established by the National Science Foundation (NSF) to enable the computing research community to build research communities focused on exciting new visions for computing research.

One piece of this effort is the funding of area-specific workshops in which researchers and potential funders come together to discuss research visions, lay out research road maps, and increase momentum for the area. Here we provide a brief synopsis of the ongoing efforts.

Get a vision that you wish to develop? See http://www.cra.org/ccc/vision.php for how CCC can support you.

Big-Data Computing Study Group

http://www.cra.org/ccc/bigdata.php

Randal E. Bryant, Carnegie Mellon University

Thomas T. Kwan, Yahoo! Research

Having the ability to quickly and conveniently perform computations over terabyte- and petabyte-scale data sets would enable significant breakthroughs in science, commerce, and other applications important to society. The Big-Data Computing Study Group will explore and enable opportunities for research and applications of high-performance, data-intensive computing systems, benefiting application areas ranging from astronomy to machine translation.

Initial workshops were held in March 2008. See also the new NSF CISE solicitation: Cyber-Physical Systems (CPS) NSF 08-411

From Internet to Robotics: The Next Transformative Technology

http://www.cra.org/ccc/robotics.php

Henrik Christensen, Georgia Tech

The fact that the Internet has in many ways transformed our daily lives is a given. Yet the Internet remains a medium for interconnecting passive devices with limited facilities for interaction with the physical world. Robots, on the other hand, are devices designed to interact intelligently with the environment. Over the next decade or two, our prediction is that robotics will impact our daily lives in ways that at least equal the impact of the Internet. Our study will generate a road map of applications for robotics across users, producers and researchers. The objective is to provide a comprehensive view of the use of robotics and the major obstacles to deployment, and to identify the key competencies to facilitate the transformation. Both market drivers and technology push will be considered mechanisms for designing new systems.

Initial workshops were held in June and August 2008.

Visions for Theoretical Computer Science

http://www.cra.org/ccc/theory.php

Richard Ladner, University of Washington-Seattle

Theoretical Computer Science aims to understand the intrinsic capabilities and limitations of efficient computation. The goals of the visioning workshop were to identify broad research themes within theoretical computer science that have potential for major impact in the future, and to distill these research directions into compelling "nuggets" that can quickly convey their importance to a layperson. The nuggets produced in the workshop will serve to highlight the importance of sustained support for long-term, fundamental computing research, and inspire the community in its future efforts.

The workshop was held in May 2008, with work continuing via wiki.

Network Science and Engineering

http://www.cra.org/ccc/netscape.php

Ellen Zegura, Georgia Tech

Researchers with expertise in computing, engineering, networking, and social, behavioral and economic sciences are coming together in the development of a research agenda in Network Science and Engineering (NetSE), with the ultimate goal of developing a comprehensive scientific understanding of the interconnected technical and social dimensions of complex digital communication networks. The NetSE research agenda will reveal the fascinating scientific landscape of network science and engineering, and will build support for increased and more effective investments in this multidisciplinary field.

Six workshops were held from June through September 2008.

Global Resources for Online Education (GROE)

(New Initiative – Monitor www.cra.org/ccc/ for details)

Beverly Woolf, University of Massachusetts-Amherst

Computing research has the potential to transform learning at all levels. Breakthroughs in dynamic student learning assessment, personalized feedback for learners at far lower cost than current methods, and improved prospects for sustainable lifelong learning are but a few of the possible benefits. This project includes workshops of leading experts in: 1) enhancement of cognitive learning through improved understanding of human cognition and applications to education; 2) improving human-computer interaction to enhance individual productivity in learning; 3) creation of new learning communities using social networking systems, collaboration, and mobile/ubiquitous computing; 4) new approaches to delivering learning assistance and assessing outcomes; and 5) promising technologies for accelerating individual and group learning.

Workshops have not yet been scheduled for the GROE initiative. For up-to-date information on CCC activities, visit the website at: http://www.cra.org/ccc/
significantly by the outcome of the Congressional election.

Sen. Barack Obama (D-IL) has indicated that, should he win, he intends to follow the funding recommendations contained in COMPETES. If the current Democratic majority in Congress holds or is increased, his ability to follow through on that commitment will be greatly enhanced. If, however, the Democratic majority shrinks, or if they lose control of one or both chambers, the calculus changes dramatically and science funding may once again find itself competing with more partisan priorities. (In a closely divided Congress that is not the party of the Administration, the fact that science funding is a priority for both parties can actually be a disadvantage, as neither party really gets to claim credit for any progress.)

Sen. John McCain (R-AZ) has also indicated his support of the funding levels recommended in the COMPETES Act. However, he would hold off on starting the doubling process until his Administration enacts a one-year discretionary spending “freeze” for all federal agencies. According to Ike Brannon, an economic and senior policy advisor to McCain, the purpose of the freeze would be to give the new Administration an opportunity to review every federal program to “find the ones that work and eliminate the ones that don’t.” This freeze would also apply to federal science agencies, ensuring that they would suffer that fourth year of reduced funding.

There is one bright spot in the federal R&D portfolio in FY 2009, however. As part of the CR, Congress did enact new spending for operations of the Department of Defense. Included in that new spending was an increase of $270 million to the DOD basic research (or 6.1%) accounts, an increase of 12.7 percent over FY 2008. The increase comes after Secretary of Defense Robert Gates used some of his own political capital to place a priority on buttressing DOD’s basic and university research efforts in the DOD budget. As this article goes to press, we still do not have the full details of the increase, but for the latest analysis on the DOD numbers—and, indeed, all the federal science agencies—check the Computing Research Policy Blog at http://cra.org/blog.

Eric Grimson is a Professor of Computer Science and Engineering at the Massachusetts Institute of Technology and a member of the CRA Board of Directors. Other board members who participated in preparing this proposal include: Annie Anton (North Carolina State University), J Stroustrup (University of Texas at Austin) David Notkin (University of Washington), Jennifer Rexford (Yale University), Erik Demaine (MIT), and Laura Haas (IBM Almaden Research Center).

As noted, these are principles or guidelines which, if generally followed, can ease the recruiting process for all schools. Support of these guidelines does not in any way bind a school to meeting specific deadlines. The following schools have discussed these suggestions and support them in principle, subject to local needs and variations:

• Carnegie Mellon University
• Cornell University
• Georgia Tech
• Massachusetts Institute of Technology
• Princeton University
• University of California, Berkeley
• University of Illinois at Urbana-Champaign
• University of Texas, Austin
• University of Washington

All nine schools will try to make the process forward as far as possible during the current academic year (2008-09), and are committed to following these guidelines in 2009-10 (noting that individual circumstances may preclude hard deadlines).

The Aggie Women in Computer Science (TAMU) are pictured at the recent Grace Hopper Conference: From the left: Lydia Tapia, Sarah Gray, Carla Romero (CRA staff), Olga Pearce, and Shawna Thomas.

CRA-W Grad Cohort for Women Conference
March 27-28, 2009, San Jose, CA
Application Deadline: December 15, 2008
http://www.cra.org/Activities/craw/gradcohort/index.php

New co-chairs Carla Brodley, Tufts University, and Kathleen Fisher, AT&T Labs Research (far right and far left, respectively) took over the reins from past co-chairs Lori Clarke, University of Massachusetts at Amherst (middle left) and Lori Pollock, University of Minnesota (middle right). The transition took place at CRA-W’s Steering Committee meeting in San Francisco in October.

Attendees Enjoy Hopper Conference
CRA-W Co-Chairs: Passing the Gavel
Auburn University
Department of Computer Science and Software Engineering
Assistant/Associate/Full Professor
The Department of Computer Science and Software Engineering (CSSE) invites applications for multiple tenure-track faculty positions in areas of interest at the Assistant, Associate, or Full Professor level to begin Spring or Fall 2009. We encourage candidates from all areas of computer science and software engineering to apply. We are especially interested in candidates specializing in the fields of artificial intelligence or software engineering. Candidates selected for these positions must be available to begin and continue working legally for the proposed term of employment, excellent communication skills, and a strong commitment to teaching and research excellence, a collaborative spirit, and a willingness to work across the college and close collaboration with the external development community.

Applications should include an application letter, curriculum vitae, a 3-page research statement, and a 3-page teaching statement to:
Human Factors and HCI Search Committee
Dr. William Gibbons, Chair of the Search Committee
Smith 112
Bentley College
175 Forest Street
Waltham, MA 02452

Electronic submissions are welcomed by sending them to mccorba@auburn.edu. The application review will begin early 2009. Applications submitted after this date will be considered until the position is filled. Auburn University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

Bell Labs, Alcatel-Lucent
Assistant/Associate/Full Professor
Department of Computer Science and Auburn University

importance is demonstrated research interaction, or related area. Of paramount motivation to explore the intersection of human factors and user experience. rapidly expanding graduate program in to teach and conduct research in our position in machine learning, pattern recognition ranging from introductory to advanced undergraduate. Above all we are seeking candidates who can achieve excellence in teaching and who, in an undergraduate environment, will find ways to grow professionally. All faculty in the Department are expected to interact with students on a one-on-one basis and in such activities as summer faculty/student research, independent studies, or senior capstone projects. The Department is committed to the support of all forms of scholarship. Berea College students often are the first in their families to attend college, and they excel in Berea’s rigorous, nationally-recognized liberal arts curriculum. Berea College seeks candidates for the position who can help our students distinguish themselves in many fields, including social service, government, the arts, business, education, medicine, and science.

The town of Berea, forty miles south of Lexington, is located on the edge of rolling bluegrass country and the western foothills of the Appalachian Mountains. About 1,500 college students, almost all residential and full-time, are enrolled in B.A. and B.S. programs in 22 academic departments. The Mathematics and Computer Science Department consists of eight full-time faculty members and some additional part-time instructors. More information about Berea College and the Department of Mathematics and Computer Science is available at http://www.berea.edu.

Applications should send a cover letter, resume, transcripts of undergraduate and graduate work, a statement of personal teaching philosophy, and three letters of recommendation to:
Professor James Blackburn-Lynch
Chair, Mathematics and Computer Science
Berea College
PO Box 5000
Berea, KY 40404

Applications will be accepted until search is concluded but full consideration is guaranteed for those received by November 15. Minority candidates are encouraged to apply.

Berea College, in light of its mission in the tradition of impartial love and social equality, welcomes all people of the earth to learn and work here.

Boeing, Bellevue, WA
Assistant/Associate Professor
Seeking an innovative researcher with extensive experience in machine learning with a strong background in statistics, probability, and mathematics and with strong programming skills. Will take a lead role in developing and supporting external development community.

Additional information on the Department is available from:
http://www.cs.byu.edu/eng/
Bucknell University values a diverse college community and is committed to excellence through diversity in its faculty, staff and students. An Equal Opportunity/ Affirmative Action Employer, Bucknell University especially welcomes applications from women and minority candidates.

Caltech
Center for the Mathematics of Information
Postdoctoral Fellowship Program
Caltech’s Center for the Mathematics of Information (CMI) is focused on solving the hardest problems in the CMI Postdoctoral Fellowship Program, starting in Fall 2009. CMI is dedicated to fundamental mathematical research with an eye to the roles of information and computation throughout science and engineering. Areas of interest include algorithms, complexity, applied combinatorics, and probabilistic structures, information and coding theory, geometry processing, multiresolution methods, control and optimization. Please apply and have three reference letters sent directly to:
http://www.ist.caltech.edu/jointcims/positionsearch

Applications are due by Friday, December 12, 2008 and reference letters are due by Monday, December 15, 2008.

Positions are contingent upon completion of the F3D. Caltech is an affirmative action/equal opportunity employer; women, minorities, veterans, and disabled persons are encouraged to apply.

Carnegie Mellon University
School of Computer Science
Faculty Positions
The School of Computer Science seeks faculty candidates with a strong interest in research, outstanding academic credentials, and an earned Ph.D. Candidates for tenure-track appointments should also have a strong interest in graduate and undergraduate education.

The School of Computer Science at Carnegie Mellon University spans a wide range of topics in computer science and includes the application of computer science to real-world systems. It houses the Computer Science Department; Human Computer Interaction Institute; Institute for Software Research; Language Technologies Institute; Machine Learning Department; and the Robotics Institute.

Applications should include curriculum vitae, a statement of research and teaching interests, copies of 1-3 representative papers, and the names and email addresses of three or more individuals who have been asked to provide letters of reference. Applicants should arrange for reference letters to be sent directly to the Faculty Search Committee (see website for instructions), to arrive before January 15th, 2009. Letters will not be requested directly by the Search Committee. Applications should also indicate citizenship and, for non-US citizens, current visa status. Please refer to the Hiring Website for details and submission guidelines.

Applications will be accepted from November 1st, 2008 through January 1st, 2009. Please contact the Search Committee at: faculty-search@cs.cmu.edu for details and submission guidelines.

Carnegie Mellon is an affirmative action/equal opportunity employer; women, minorities, veterans, and disabled persons are encouraged to apply.

Carnegie Mellon University
Institute for Software Research, Master of Software Engineering Programs
Teaching Track Position
The Professional Masters Program in Software Engineering (www.mse.cs.cmu.edu) in the School of Computer Science at Carnegie Mellon University invites applications for a teaching-track position beginning in the fall term of 2009 or earlier. This is a career-oriented, renewable appointment for teaching courses in software engineering at the professional masters’ level.

Applicants for the position must have an M.S. or Ph.D., preferably in computer science, software engineering, or a related field, demonstrated excellence in teaching software engineering courses, and several years of professional experience in software engineering. Teaching-track appointments are typically at the rank of Assistant Teaching Professor, with the possibility of promotion to the ranks of Associate Teaching Professor and Full Teaching Professor. Teaching-track ranks are not tenured.

Preferred qualifications include broad industry experience, teaching experience, and familiarity with current software engineering technology and methods. We are particularly interested in candidates with experience in the areas of distributed systems, embedded systems, and systems engineering. Ideally the candidate should also have familiarity with a number of roles in the software engineering field, such as team lead, developer, manager, tester, and quality assurance manager.

Applicants should include a letter of application, curriculum vitae, a statement of teaching philosophies, and letters of reference from three or more individuals. Applicants should arrange for reference letters to be sent directly to the contact below.

Email: Jane Dixon Miller <mil3+@cs.cmu.edu>
Papers of Master of Software Engineering Programs
Faculty Search Committee
Institute for Software Research
Carnegie Mellon University

The Duda Family Chair in Engineering
Department of Computer Science and Engineering
The Department of Computer Science and Engineering at the University of Notre Dame seeks to fill the newly-established Duda Family Chair in Engineering. The inaugural chair holder will have a distinguished record of achievement at the full professor level, and will be expected to work with the other chaired professors and faculty in the Department to further extend the Department’s strong research programs, including cross-departmental and cross-college multi-disciplinary activities.

The Department offers a PhD degree as well as accredited undergraduate programs in Computer Science and Computer Engineering. There are approximately seventy-five students in the PhD program and over one hundred majors in the undergraduate programs. Currently there are seventeen tenure-track and six non-tenure track faculty. Active areas of research include algorithms, bioinformatics and computational biology, computer architecture and nanotechnology, data mining / machine learning, computer vision / image analysis, and networks / systems. The Gates Foundation recently awarded a $20 million grant to Biology and CSF faculty in the bioinformatics area, and the Semiconductor Research Corporation (SRC) together with the state of Indiana and the city of South Bend recently announced that the Midwest Institute for Nanoelectronics Discovery, a nanoelectronics research consortium led by Notre Dame, has received $25 million in new funding.

The University of Notre Dame is a private, Catholic university with a doctoral research university (extensive) Carnegie classification. Notre Dame has an enrollment of over 11,000 students, and it is consistently ranked in USN&WR as a top-twenty national research university. Notre Dame is located in South Bend, Indiana. South Bend is part of a metropolitan area of more than 300,000 residents. It has a vibrant and diverse economy with affordable housing and excellent school systems. Recreational opportunities in the South Bend area include professional and collegiate sports, a thriving arts culture, close proximity to Lake Michigan and Chicago, and a variety of outdoor activities.

Preferred areas of expertise for the inaugural holder of the Duda Chair are data mining / machine learning or systems / networks; however, outstanding applicants and nominees in all areas will be considered. Screening of applications will begin immediately. Applicants should send a statement of interest, CV, and list of references in PDF format to DudaChairSearch@cse.nd.edu.

The University of Notre Dame is an Equal Opportunity, Affirmative Action Employer.
Professional Opportunities

Engineering at Cornell embrace diversity and individuals who will enhance the climate that attracts all of races, nationalities and genders. We strongly encourage candidates from underrepresented minorities to apply.

Tenure-Track Faculty Positions will be reviewed by all faculty in the 2009. January 7, 2009

CSU is an EO/AA employer.

Columbia University Center for Computational Biology and Bioinformatics and DEIT Research Scientist/Postdoctoral Positions Two research scientist/postdoctoral positions are available for researchers in the area of computational biology/genetics. Candidates should have a Ph.D. in a field related to computational biology or genetics. Experience in parallel cluster computing and experience in writing highly efficient software packages and academic junior appointments will be considered. Please send curriculum vitae, brief description of research interests, and a list of three references to: Professor Dimitris Anastassiou Department of Electrical Engineering Columbia University 500 W 122nd St New York, NY 10027 Email: anastassiou@columbia.edu Columbia University is an Affirmative Action/Equal Opportunity Employer.

Cornell University School of Electrical and Computer Engineering Tenure-Track Faculty Positions The School of Electrical and Computer Engineering at Cornell, Ithaca, New York invites applications for tenure-track faculty positions in all areas of electrical and computer engineering. High priority is given to overall originality and promise of the candidate’s work, with secondary priority given to the specific area of specialization. Applicants must have a Ph.D. in an appropriate field, have demonstrated an ability to conduct outstanding research, and show promise for excellent teaching. We are especially interested in candidates with demonstrated excellence in teaching. Applicants are encouraged to apply in areas where Cornell has strengths, including algorithms, artificial intelligence, computer architecture, computer networking, and security.

Drexel University College of Information Science & Technology Full-time Faculty Positions Drexel University’s College of Information Science & Technology (IST) invites applications for several tenure-track positions in Information Systems and Software Engineering at the assistant, associate, and full professor level. We welcome applications with a wide variety of teaching and research interests. We are particularly interested in candidates who can contribute to the following areas:

- Information security
- Information architecture
- Human-computer interaction
- Software engineering

The successful candidate will have a doctoral degree in a related field. Experience in teaching and research is required. A Ph.D. in computer science or related area is required. Candidates should have an interest in teaching and research in the following areas:

- Software engineering
- Computer architecture
- Computer systems
- Security

Applications will be considered for positions at the assistant, associate, or full professor level. Applicants should send a letter of application, curriculum vitae, a teaching statement, a research statement, and the names of three references to:

Dr. Jayntlal Siddique
Deutsche Telekom Inc., R&D Lab USA, Los Altos, California Services and Mobile Platforms Group Senior Research Scientist (Telekom, one of the world’s leading telecommunications and information technology service providers, is looking for a highly qualified researcher in the area of Services and Mobile Platforms for an emerging development center located in the Silicon Valley, California, USA area. The scope of the work will cover all key aspects of the fundamental development of open and programmable multiplayer platforms and applications. The candidate will be responsible for the services and platforms for shape the emerging trends in fixed and mobile infrastructure and services sectors. Howard University is a highly selective institution with top-notch institutions, the R&D center offers an unprecedented combination of industrial and academic collaboration with opportunities to have a direct impact on company’s products and services. We are looking for a well motivated individual who is passionate about conducting research and learning. Applicants should have recently completed a doctoral degree in computer science, electrical engineering, or other related disciplines and ideally have expertise in mobile computing, computer networking, web technologies, and cellular systems and architectures. Experience in industrial R&D will be valued. Application materials should include:

A one-page summary of research objectives, a curriculum vitae, a list of publications, a list of professional accomplishments, and a list of references.

Applications should be submitted via email to:

Dr. Jayntlal Siddique
Deutsche Telekom Inc., R&D Lab USA, Los Altos, CA Email: laboratory.research@detelem.com

Deutsche Telekom is an equal opportunity employer.

Duke University Department of Computer Science Faculty Positions The Department of Computer Science at Duke University invites applications for faculty positions at all academic ranks, to begin August 2009. We are interested in strong candidates in all active research areas of computer science, both core and interdisciplinary areas, including algorithms, artificial intelligence, computational biology, computational economics, computer architecture, computer vision, database systems, distributed systems, machine learning, networking, and security.

The department is committed to increasing the diversity of its faculty, and we strongly encourage applications from women and minority candidates. A successful candidate must have a doctoral degree in computer science and demonstrate evidence of outstanding scholarship in every respect, including research and teaching. Please review the following content for information about the department. Applicants should submit a letter of application, curriculum vitae, and a statement of research and teaching interests to:

Professor James L. Hendler
Duke University
Computer Science
Durham, Chapel Hill, and the Research Triangle of North Carolina are vibrant, high-quality communities. The department has an active faculty of 14 full-time tenured and tenured associates, with over 150 full-time faculty. The department has a wealth of education and employment opportunities for its members.

Duke University is an affirmative action, equal opportunity employer.

Emory University Department of Computational Sciences (CLS) Multiple Faculty Appointments Emory University is seeking to make multiple new appointments in the Department of Computational Sciences (CLS) within the Emory University’s Institute for High Performance Computing and Life Sciences (IHPCS). The CLS is part of the Emory University Institute Plan that has uniquely positioned Emory for significant growth in number of key areas. CLS encompasses three broad focus areas: Computational Science and Information, Bioinformatics and Genomics and Computation Biology. This interdisciplinary initiative will build and bridge upon Emory’s highly regarded strengths in the biological, physical, and health sciences.

Faculty applications at all academic ranks across Computational Sciences and Informatics, Synthetic Sciences, and Engineering are invited from individuals with a Ph.D. in a relevant discipline. Applicants should have an excellent record of promise of excellence in research and teaching. Ideal candidates will have demonstrated a record of success in their area and have joint appointments across departments/schools. We also invite applications from individuals interested in collaborating with other CLS members and the University’s ongoing recruitment efforts. The successful candidate will have a proven record of promise of excellence in research and teaching. Ideal candidates will have demonstrated a record of success in their area and have joint appointments across departments/schools. We also invite applications from individuals interested in collaborating with other CLS members and the University’s ongoing recruitment efforts.

Fairfield University Department of Mathematics and Computer Science Faculty Position The Department of Mathematics and Computer Science at Fairfield University invites applications for a tenure-track position in Computer Science at the rank of assistant professor, to begin in September 2009. We seek a highly qualified candidate with demonstrated excellence in teaching, a desire to contribute to the culture and development of a small program, and evidence of research potential. A doctorate in computer science is required. The teaching load is 3 courses/9 credit hours per semester. The successful candidate will have a strong background in software design/programming and will be expected to teach a wide variety of courses including Introduction to Computer Science, Data Structures, Software Design, and Theory of Programming Languages and Compilers.

Fairfield University, located in Westport, Connecticut, is a Jesuit institution with a strong commitment to diversity and inclusion. Fairfield University offers a comprehensive benefit package and enjoys an active climate that attracts students of all races, nationalities and genders. Fairfield University welcomes applications from women and members of minority groups.

Emory University is an Affirmative Action/Equal Opportunity Employer and encourages applications from women, members of minority groups, disabled individuals and veterans.

Fairfield University
Department of Mathematics and Computer Science
Faculty Position

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Indiana University
School of Informatics
Assistant/Associate/Full Professor, Network Security

The School of Informatics at Indiana University seeks to fill one junior and one senior faculty position in Network Security starting in August 2009. We define Social Informatics as the study of the ways in which social organizations use information and communication technologies (ICTs) to achieve social ends or to shape social life. We wish to hire first-rate instructors and researchers and teachers who will provide educational and research opportunities for all students working in our new interdisciplinary field.

The School of Informatics at Indiana University is the first of its kind in the Midwest. It will combine core expertise with superb facilities, including the Center for Social Informatics, a campus-wide center that supports social informatics research across the disciplines. Indiana University is also a home to the Rob Kling Center for Social Informatics, a campus-wide center that supports social informatics research across the disciplines.

We expect applicants to have earned a Ph.D. in a relevant field and be well suited to fill one or more of the above areas of instruction. Successful candidates will conduct outstanding research in their area of specialization. Indiana University is also home to the Rob Kling Center for Social Informatics, which also has information on social informatics research across the disciplines. Indiana University is also a home to the Rob Kling Center for Social Informatics, which also has information on social informatics research across the disciplines.

The School of Informatics offers a Bachelor of Science in Computer Science and in Informatics; Masters of Science degree in Computer Science, HCI, Riddles, and Informatics; and PhD programs in Computer Science and Informatics. Computer World ranked Informatics as a top program. The School of Informatics has 80 full time faculty members, 150 doctoral students and 200 masters students, in addition to many more graduate students. The School of Informatics is a top ten program in the world. The School of Informatics at Indiana University offers a number of research opportunities, including the Center for Social Informatics, a campus-wide center that supports social informatics research across the disciplines.

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Professional Opportunities

Kansas State University
Department of Computing and Information Sciences
Department Head Position

The Department of Computing and Information Sciences (CIS) at Kansas State University (KSU) is seeking an individual to direct and maintain a competitive externally funded research program. Associate and Full Professor candidates receive a competitive benefits package and an excellent record of externally funded research and internationally recognized scholarship. Rank and salary are commensurate with qualifications. Screening will begin on November 3, 2008, and will continue until positions are filled. To guarantee consideration, complete applications must be received by January 10, 2009.

For regular faculty positions, apply online at: http://www.cs.ksu.edu/jobs

For information on positions in the computer science and application process, see: http://www.engineering.ksu.edu/chemistry-

Candidates may be subject to a background check. 

ISU is an EEO/AA employer.

Johns Hopkins University
Department of Computer Science
Tenure-Track Faculty Position

The Department of Computer Science at Johns Hopkins University is seeking applications for a tenure-track faculty position. Department head is hiring at the Assistant Professor level, but candidates of all ranks will be considered. All individuals who will contribute to the department, but candidates with research agendas in security, applied algorithms, computer systems, or bioinformatics will receive special attention. All individuals must have a Ph.D. in computer science or related field and are expected to show evidence of ability to establish a strong, independent, multidisciplinary, internationally recognized research program.

Applicants should apply online at: http://cs.jhu.edu/apply (for full consideration, before January 5, 2009). Questions should be directed to hris@cs.jhu.edu.

The Department includes the Johns Hopkins University Computing Laboratory, which is committed to building a diverse educational community that is strongly encouraged to apply. The Johns Hopkins University is an EEO/AA employer.

Faculty Search

Department of Computer Science
University of Alabama
Birmingham, MD 35215-2194
Fax: 401-516-6134

Phone: 410-516-8775

http://www.cs.jhu.edu/apply

Lehigh University
Department of Computer Science and Engineering

The Department of Computer Science and Engineering at Lehigh University is anticipating the appointment of an Assistant Professor/Associate Professor for Fall 2009. The successful candidate will be expected to support and to be integrated within collaborative, multidisciplinary computer science. Faculty activities are expected to support and to be integrated within the Department of Computer Science, Lehigh University.

Lehigh University is an affirmative action and equal employment opportunity employer, and is committed to recruiting and retaining women and minorities. Questions concerning this search may be sent to faculty-searchcs@lehigh.edu.

Louisiana State University
Department of Computer Science

Applications are invited for a tenure-track position as an Assistant Professor/Associate Professor at LSU for Fall 2009. The successful candidate will be expected to support and to be integrated within collaborative, multidisciplinary computer science. Faculty activities are expected to support and to be integrated within the Department of Computer Science, LSU is connected to Louisiana Optical Network Initiative (LONI), high speed network. LONI, funded by a $40m commitment from the state, will provide a 40 Gbps connection between new large scale computing resource deployed at Louisiana Research Institute and connected to the National Lambda Rail in Spring 2005, providing regional and international high speed connectivity.

Lehigh University is an affirmative action and equal employment opportunity employer, and is committed to recruiting and retaining women and minorities. Questions concerning this search may be sent to faculty-searchcs@lehigh.edu.
Tenure-Track Faculty Position(s)

Department of Computer Science

Applications are invited for tenure-track faculty positions in areas related to the design, analysis and engineering of software systems, including programming languages, formal methods, security, distributed, networked and embedded systems, databases and information systems, and human-computer interaction. A doctoral degree in computer science or related areas and an outstanding research record is required. Successful candidates are expected to build a team and pursue a highly visible research agenda, both independently and in collaboration with other groups in the department and institution. The department has a strong commitment to diversity and encourages applications from women, minorities, and individuals with physical disabilities in Computer Science. We particularly encourage such individuals to apply.

McGill University

School of Computer Science

Assistant Professor, Theoretical CS

The School of Computer Science at McGill University invites applications for two tenure-track assistant positions at the assistant professor level, to begin on January 1, 2009. Successful candidates are expected to have a Ph.D. in computer science or related field and the ability to contribute to the computer science program, including a thesis record sufficient for tenure. The School of Computer Science consists of approximately 170 full-time faculty members and 800 graduate students. McGill University is a highly visible research university in Canada. It is located in the heart of vibrant, multicultural Montreal, the second largest city in Canada. The School of Computer Science is located on the downtown campus of McGill University and is part of the Faculty of Science. McGill University is committed to equity in employment and diversity. It encourages applications from women, minorities, and individuals with disabilities in Computer Science.

Applications are invited for tenured or tenure-track faculty positions beginning August 2009. Candidates are expected to have a Ph.D. in computer science or related field and the ability to contribute to the computer science program, including a thesis record sufficient for tenure. The School of Computer Science consists of approximately 170 full-time faculty members and 800 graduate students. McGill University is a highly visible research university in Canada. It is located in the heart of vibrant, multicultural Montreal, the second largest city in Canada. The School of Computer Science is located on the downtown campus of McGill University and is part of the Faculty of Science. McGill University is committed to equity in employment and diversity. It encourages applications from women, minorities, and individuals with disabilities in Computer Science.

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New Jersey Institute of Technology

Assistant Professor/Software Engineering

The Computer Science Dept. at New Jersey Institute of Technology (NJIT) seeks to hire faculty for a tenure-track position beginning Fall 2009. The position is intended for candidates with research & teaching interests in multiple aspects of software engineering, computer networking & Web Technologies & Services. Experience with practical software building and/or Open Source projects a plus.

Applicant should have a Ph.D. (or expected by summer 2009) in computer science. Applicant should have demonstrated potential for original research and commitment to excellence in teaching & familiarity with practical aspects of software engineering. Salary is competitive with appointment rank & qualifications.

NJIT has an active research university. The dept. offers programs at the undergraduate, master’s & Ph.D. levels in Computer Science. The dept. also offers undergraduate & graduate degree programs in Biomedical, Computer Science, and Electrical Engineering.

NJIT is located in Newark’s University Heights, a multi-institutional campus situated adjacent to Newark, the University of Medicine & Dentistry of New Jersey & Science Park. NJIT’s location in Newark is crucial to its role as a regional center for research cooperation. The area is home to other universities & research laboratories, as well as major financial, telecommunications & pharmaceutical companies, offering exciting opportunities for collaboration, consulting & industry sponsored research.

New Jersey enjoys a high standard of living, a low cost of living, results in an excellent quality of life. Newark is minutes away from New York City & close to the Jersey Shore & mountainous northeastern range of cultural & leisure activities. To apply, visit njitjobs. Please respond by May 30, 2009. Please also ask at least three references to send letters of recommendation to: facultynjobs@njit.edu. For more information about the Computer Science Department at NJIT, see the below.

NJIT is an equal opportunity, affirmative action, equal access employer & does not discriminate against applicants from minorities, women & persons with disabilities.

New Mexico State University

Computer Science Department

The Computer Science Department at New Mexico State University invites applications for a tenure-track position at the assistant professor level, with appointment beginning in the Fall semester 2009. We are particularly interested in candidates with experience in computer networks and related areas. Applications from women and members of traditionally underrepresented groups are particularly encouraged. Salary and start up package will be competitive and commensurate with qualifications and accomplishments. The minimum qualifications are a Ph.D. degree in Computer Science or a closely related discipline by the time of appointment, along with demonstrated evidence of excellence in teaching and research. We particularly solicit applications from candidates with experience in interdisciplinary research activities and candidates whose research focuses complement and integrate the existing research activities in the Department, in areas like knowledge representation and reasoning, machine learning, data mining, natural language processing, networking, media mining, multimedia, machine learning, natural language processing, networking, multimedia, and human computer interaction.

Computer Science applications begin the Fall semester. The applicant's research program must be within the scope of the Department's research activities. The department is available at: parc.com/areaManager, Natural Language and Information Management. The Intelligent Systems Lab imagines the future of computing, where machines can communicate seamlessly, weaving together spoken and written conversations, and enabling machines to perceive, reason, and interact in a complex world. A subsidiary of Xerox, PARC is home to many of the most well-known corporate labs, research centers, government agencies, and licensing. We provide opportunities and structure that enable you to realize your ideas to commercial realization. PARC is an Equal Employment Opportunity (EEO) and Affirmative Action employer. To apply online please visit: http://www.cs.purdue.edu.

New York University

Department of Computer Science

Faculty Openings

The department expects to have several regular faculty positions beginning in September 2009 and invites candidates at all levels. We especially encourage applications from minorities, women & persons with disabilities.

New York University is an equal opportunity, affirmative action, equal access employer & does not discriminate against candidates in any area of computer science with systems and machine learning being highly desirable areas.

Faculty members are expected to be outstanding scholars and to participate in teaching at all levels from undergraduate to doctoral. New appointments will be offered competitive salaries and startup packages, with affordable housing within a short walking distance of the department.

The position is located in Greenwich Village, one of the most attractive residential areas of Manhattan.

The department has 35 regular faculty members and several visiting, adjunct, and research faculty members. The department’s current research interests include algorithms and theory, and empirical computer science experience. The department’s current research interests include algorithms and theory, and empirical computer science experience. The department’s current research interests include algorithms and theory, and empirical computer science experience.

To apply, send a CV, cover letter, and three letters of recommendation to cs.nyu.edu/faculty_applications/

Ohio State University

Computer Science Department

Faculty Position

The Ohio State University (OSU) Computer Science and Engineering (CSE) is accepting applications for a position in the area of machine learning. The position will be within the area of Computer Science, and be assigned to either Stillwater or Tulsa campuses.

Applicants should have a PhD (or equivalent) in Computer Science or a closely related area in Computer Science. The appointment will be at the assistant professor level. The appointment will begin in the Fall of 2009. The position is available at the assistant professor level. The term of initial appointment will be for two years. The successful candidate will be assigned to either Stillwater or Tulsa campus. The assistant professor's initial appointment will begin in Summer 2009. The OSU Computer Science Department offers B.S., M.S., and Ph.D. degrees in Computer Science. There are currently more than 150 full-time faculty and over 1,000 graduate students enrolled in the department.

Candidates for the Ohio State University positions should have strong research and instructional labs, and educational programs in computer science, information technology, artificial intelligence, data mining and applications, machine learning, natural language processing, networking, programming languages, multimedia, and human computer interaction.

To apply, please send a CV, cover letter, and three letters of recommendation to: Chair, Faculty Search Committee, 201 Engineering Hall, 1015 W. 12th Avenue, Columbus, OH 43210-1215. Inquiries or questions should be addressed to: Dan Klein, Chair, Faculty Search Committee, Department of Computer Science, 1101 W. 12th Avenue, Columbus, OH 43210-1215. Applications should be received by December 1, 2008, but applications will be accepted until the position has been filled. The OSU Computer Science Department is an Affirmative Action/Equal Opportunity/Veteran/Employer committed to diversity.
School of Electrical Engineering and Computer Science

The School of Electrical Engineering and Computer Science at Oregon State University invites applications for tenure-track positions in Computer Science. The School of EECS strongly encourages teamwork and collaboration within the School, and with other departments and universities. We are particularly interested in candidates who can collaborate with our Graphics/Visualization, End-User Software Engineering and Machine Learning groups. The following areas are strong possibilities for collaboration with these groups: Human Computer Interaction; Theoretical Computer Science.

Applicants should have an earned doctorate in Computer Science/Computer Engineering by the appointment start date and demonstrate a strong commitment to high-quality undergraduate and graduate teaching and the development of a vibrant research program.

OSU is one of only two American universities to hold the Land Grant, Sea Grant, Sun Grant, and Space Grant designation and is the only Oregon institution recognized for its “very high research activity” (RUVH) by the Carnegie Foundation for the Advancement of Teaching. With a faculty of 45, the School of EECS enrolls 1300 undergraduate and 300 MS/PhD students.

For more information, including instructions for application, visit http://www.eecs.oregonstate.edu. OSU is an AA/EOE.

distributed computing (IRC #26157)
• A tenure-track faculty in Software Engineering in the areas of quality assurance, secure software systems, softwaredriven engineering management, and software engineering process (IRC #26125)
• One, and possibly two, tenure-track faculty in Game Design & Development (IRC #26106)

Successful candidates must demonstrate excellence in teaching and scholarship and have the ability to contribute in meaningful ways to RIT’s commitment to excellence and pluralism. A terminal degree in the discipline, or closely related field, or equivalent experience is required.

The Grinnell College of Computing and Information Sciences is home to the Grinnell College of Science faculty, at the assistant professor rank, in the areas of data management, programming concepts and tools, and scientific computing. Grinnell College is a private university with a strong reputation for academic excellence in undergraduate education and in research. Rice attracts outstanding undergraduate and graduate students from across the nation and around the world. Rice provides a stimulating environment for teaching and research. Further information about the Computer Science Department and its associated research groups also have openings for research positions, including computer science, research scientists, and postdoctoral researchers. The availability of research positions is contingent on external funding. Applicants for both tenure-track faculty and research positions should hold a Ph.D. degree or equivalent in computer science or a related discipline, or expect to complete such requirements prior to assuming an appointment. A commitment to excellence in both research and teaching is required for a tenure-track appointment. Early applications will be appreciated.

The Department has access to superb research facilities, including parallel and multiprocessor systems laboratories, three teracalculator supercomputers, large networks of workstations, and a high-speed network test bed. The university is located across the street from the Texas Medical Center, one of the premier centers for medical research in the country. Houston’s oil, medical, aerospace, and technology communities all contribute to make it a center for many kinds of computation, from high-performance computing through real-time and embedded systems.

Rice University is a private university with a strong reputation for academic excellence in undergraduate education and in research. Rice attracts outstanding undergraduate and graduate students from across the nation and around the world. Rice provides a stimulating environment for teaching and research. Further information about the Computer Science website: http://cs.wisc.edu.

The deadline for applications is January 15, 2009, but earlier submissions are appreciated. Please specify whether you are applying for a tenure-track faculty position or a research position. More information can be found on our web site, http://www.cs.rit.edu or by contacting Ms. Darrell Price at 715-445-5200 or by email at darrell@rit.edu.

Rice University is an Equal Opportunity/ Affirmative Action Employer.

Rochester Institute of Technology

Computer and Information Sciences

Faculty Openings for Fall 2009

Rochester Institute of Technology’s B. Thomas Golisano College of Computing and Information Sciences (GCCIS) invites applications and nominations for the following positions:

• Two tenure/tenure-track faculty to support its interdisciplinary Ph.D. program in areas including, but not limited to, biomedical imaging and computing, computational modeling and simulation, scientific computing, and service sciences (IRC #26159)

Applications should include a curriculum vitae, brief statements of research and teaching interests, and the names of at least four references. Candidates are requested to send their letters directly to the search committee. Applications and letters should be sent to Search Committee Chair, c/o Laura Keene-Carlisle, electronic mail to search@cs.rit.edu.
The review of applications will begin on January 2, 2009, and applications are strongly encouraged to submit applications by that date; however, applications will continue to be accepted until February 1, 2009 or until the position is filled.

Stanford University
Department of Computer Science
Faculty Opening, Senior Level

The Department of Computer Science at Stanford University invites applications for a senior-level teaching faculty position. The appointment will be made as a non-tenure line Professor (Teaching), with rank (Associate or Full Professor) depending upon the candidate's seniority and experience.

The candidate's responsibilities include: teaching classes (typically four courses during the three quarters of the regular academic year), working to develop CS undergraduate curriculum, and involvement in the broader US educational community. The ideal applicant for this position will have a strong commitment to and demonstrated aptitude for teaching, as well as an established reputation and national visibility in Computer Science Education. All candidates must hold a Ph.D. in computer science or a closely related discipline. Further information about the Computer Science Department at Stanford can be found at: http://cs.stanford.edu/.

Applications should include a cover letter, curriculum vitae, teaching statement, material relevant to evaluating the candidate's teaching abilities, and the names of at least three references. Candidates are requested to ask references to send their letter of recommendation to the Search Committee. Applications and letters should be sent to: Search Committee Chair, c/o Laura Kenny-Carlson, via electronic mail to: search@cs.stanford.edu. Applications will be accepted until January 2, 2009. Stanford University is an equal opportunity employer.

Further information: http://cs.stanford.edu

Applications should submit an application letter, CV, statements of teaching and research goals, and have three reference letters sent separately. Send application materials and recommendations to: Search Committee, Computer Science Department, 735 Serra Mall, Room 385, Stanford, CA 94305. Applications received by December 15, 2008, will receive full consideration.

Union College
Department of Computer Science
Professor/Associate Professor

Union College is an equal opportunity employer and strongly committed to promoting diversity and increasing the size of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university's research and teaching missions.

Swinburne University of Technology, Melbourne, Australia
Centre for Complex Software Systems
Professor/Associate Professor

The Centre for Complex Software Systems (CS3) at Faculty of Information and Communication Technology, Swinburne University of Technology, Melbourne, Australia, is seeking to appoint a senior research academic at the Professor or Associate Professor level. Information on the Centre is available at: www.cs3.swin.edu.au/research/cx1.

The Centre's research focuses on developing new methods, techniques and tools for the modelling, engineering and management of Complex Computer Systems and Services, including Service Oriented Systems, Enterprise Software systems, Social Software Systems, Cloud Computing Systems. It embraces research in Component Software Technology, Intelligent Agent Technology, Web and Data Technology, and Workplace Technology. The Centre has a major goal to enable synergy across its research areas to further strengthen its national and international profile.

For further information contact Professor Bjorn Koskelo, on +61 3 9241 5534 or email to: bjosswc@swin.edu.au.

Union College
Department of Computer Science
Two Tenure-Track Assistant Professor Positions

For position information and to apply online go to: www.swinburne.edu.au/jobs
Applications Close: 5pm on Friday 7 November 2008

Further for information contact Professor Ronald Koskelo, on: +61 3 9241 5534 or email to: rkoskelo@swin.edu.au.

Union College
Department of Computer Science
Two Tenure-Track Assistant Professor Positions

We invite applications for two tenure-track assistant professor positions beginning September, 2009. A Ph.D. in computer science or a closely related field is required. Candidates must be strongly committed to undergraduate education and have a sustainable research program. We are interested in candidates who work in areas such as machine learning, computer vision, and software engineering. We particularly encourage strong candidates with connections to the computer science community.

Applications should include a complete curriculum vitae, a letter of application, a statement of research experience, and three letters of reference. Applications should be sent to: cs-refletters@union.edu.

Union College
Department of Computer Science
Two Tenure-Track Assistant Professor Positions

We invite applications for two tenure-track assistant professor positions beginning September, 2009. A Ph.D. in computer science or a closely related field is required. Candidates must be strongly committed to undergraduate education and have a sustainable research program. We are interested in candidates who work in areas such as machine learning, computer vision, and software engineering. We particularly encourage strong candidates with connections to the computer science community.

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University of California, Davis
Department of Statistics
Assistant/Associate Professor

Application review begins 12/1/08 until position is filled.

Further application information and to apply online go to: www.stat.ucdavis.edu

Further information: http://www.stat.ucdavis.edu

Applications should submit an application letter, CV, statements of teaching and research goals, and have three reference letters sent separately. Send application materials and recommendations to: Search Committee, Computer Science Department, University of California, Davis, One Shields Avenue, Station North, Davis, CA 95706.

Further application information and to apply online go to: www.stat.ucdavis.edu

Further information: http://www.stat.ucdavis.edu

Applications should submit an application letter, CV, statements of teaching and research goals, and have three reference letters sent separately. Send application materials and recommendations to: Search Committee, Computer Science Department, University of California, Davis, One Shields Avenue, Station North, Davis, CA 95706.

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Applications should submit an application letter, CV, statements of teaching and research goals, and have three reference letters sent separately. Send application materials and recommendations to: Search Committee, Computer Science Department, University of California, Davis, One Shields Avenue, Station North, Davis, CA 95706.
Professional Opportunities

UC Irvine is an affirmative action/equal employment opportunity employer. UC Irvine is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants and consider applications from women, minorities, individuals with disabilities and veterans.

University of California, Irvine

Complete Information & Computer Sciences

Endowed, Distinguished Faculty Positions

The Donald Bren School of Information & Computer Sciences at the University of California, Irvine is one of the younger UC campuses, yet consistently ranks among the top 20 universities worldwide. UC Irvine is located three miles from the ocean in southern California with an excellent year-round Mediterranean climate. The area surrounding campus offers numerous outdoor and fine arts opportunities and the city of Irvine is ranked one of the highest in the nation.

UC Irvine is an equal opportunity employer committed to excellence through diversity and encourages applications from all qualified candidates, including women and minorities. UC Irvine is responsive to the needs of dual-career faculty and is dedicated to world-wide leadership through an array of family-friendly policies, and is the recipient of a National Science Foundation ADVANCE award for gender equity.

University of California, San Diego

Computer Science Department

Two Assistant Professor Level (may consider candidates who qualify for a higher rank)

The Department of Computer Science at the University of California, San Diego invites applications for two faculty positions. The department has a preference for faculty who are strong in interdisciplinary research, and are not limited to a single discipline. Applicants should not only have a strong disciplinary background with a distinguished record of scholarly publications and external funding, but also a proven track record of innovation, collaboration, and leadership in both education and research.

To apply, please see "NEW Faculty Positions" at http://www.cps.ucsd.edu.

University of California, Santa Barbara

Media Arts and Technology Graduate Program

Tenure-Track Assistant Professor

The Media Arts and Technology Program at the University of California, Santa Barbara, invites applications for a tenure-track Assistant Professor position, starting July 1, 2009. The department seeks candidates who will establish a vigorous research and teaching program in computer graphics, scientific/information visualization, or related field applicable to immersive, interactive, and distributed environments, working with high-dimensional data generated in scientific and artistic domains. The successful candidate will be expected to collaborate with artists, engineers, and scientists in an interdisciplinary environment of research, creative work, and teaching.

Media Arts and Technology (MAT) is a transdisciplinary graduate program at UCSB in both the College of Letters and Science (Division of Humanities and Fine Arts) and the College of Engineering. MAT offers Master’s and PhD degrees and has approximately 45 graduate students and 10 faculty, several with joint appointments in engineering and arts departments. Areas of expertise include human-computer interaction, electronic music and sound design, computational visual art, and multimedia signal processing. Offices and labs are housed in the new California NanoSystems Institute, enabling collaboration at UCSB, which includes a unique research facility called the Allen Space, a three-story spherical immersive environment. Additional information about the department can be found at http://www.mat.ucsb.edu.

Applications are expected to hold a doctoral degree in Media Arts and Sciences, Computer Science, or a closely related field, have demonstrated excellence in research, and have a strong commitment to teaching and interdisciplinary scholarship and/or creative activity.

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

University of California, Santa Cruz

Computer Science Department

Assistant Professor Position

The Computer Science Department seeks qualified applicants for the following tenure-track faculty position within the Computer Science Department: Assistant Professor, Position #03495 Research Specialist. Outstanding Applicants with Research Excellence in Software Engineering, especially those with research distinction in software analysis and automated software generation techniques. The department has strong graduate and undergraduate programs. Research and instruction are supported by excellent computing facilities and state-of-the-art laboratories in the new Engineering 2 building. UCSC is close to Silicon Valley and has strong ties with many of the high technology companies in the area. Faculty salaries are competitive and opportunities for consulting are extensive.

A detailed job description and application instructions are available at www.ucsc.edu/jobs/ For full consideration, materials should be postmarked by December 15, 2008. The position will remain open until filled. Applications should be submitted electronically as PDF documents to: http://www.ucsc.edu/recruit. Applications must include a detailed resume, research and teaching statements, and the names and addresses of four references.

The Department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service. We are an Equal Opportunity / Affirmative Action employer.

University of Central Arkansas

Computer Science Department

Faculty Position

The Computer Science Department at the University of Central Arkansas (UCA) invites applications to fill one tenure-track faculty position at the assistant/associate professor level to start in Fall 2009. Applicants should have a PhD degree in an area of computer science and/or computer engineering. All fields will be considered, however those candidates with strong ties to the computer oriented systems, enterprise software systems and cloud computing systems will be give special consideration. A strong commitment to excellence in teaching and to research involving students is expected. The department offers BS (accredited by ABET since October 2000) and MS degree programs and enjoys strong support from local corporations. UCA is the second largest university in Arkansas and is committed to excellence in undergraduate and graduate education. It has been ranked in the top 100 in the south since 2006. For more information about the department and the university, visit www.uca.edu.

Applicants should send their curriculum vitae, statements of teaching (continued)
University of Cincinnati

Computer Science Department

Department Head Position

The University of Cincinnati’s College of Engineering invites applications for the position of the Head of the Department of Computer Science (CDS). The Head is expected to have a strong commitment to advancing research and education, to lead the development of innovative programs, especially joint ventures with other academic units, and to strengthen external research support of the faculty from national funding agencies and academic partnerships.

Minimum Qualifications:

• A Ph.D. in Computer Science or a closely related field; a distinguished record in teaching, research, and education; a clear vision for the future of the discipline; and established leadership and interpersonal skills.

• The Head is responsible for the overall program administration, including taking a leadership role in directing the growth and development of the Department.

• The Head is also expected to play an active role in securing the recruitment of high quality students and faculty, and overseeing the implementation of the curriculum.

• To apply for position (DR15199), please see www.jobs.uc.edu.

• The University of Cincinnati is an affirmative action/equal opportunity employer. UC is a smoke-free work environment.

University of Florida

Department of Computer and Information, Science and Engineering

Assistant/Associate/Full Professor

The Department of Computer and Information Science and Engineering at the University of Florida invites applications for a tenure-track position at the Assistant/Associate/Full Professor level in bio/medical informatics and in Fall 2009. The University of Florida is an equal opportunity/affirmative action institution. Women and minorities are strongly encouraged to apply.

Minimum Qualifications:

• A Ph.D. degree in Computer Science or a closely related discipline is required.

• Excellent knowledge of the role of database and data mining technologies in bio/medical informatics.

• Strong research background in bio/medical informatics.

• Published research is required.

• Experience in teaching and mentoring graduate students is required.

• Experience in interdisciplinary research is preferred.

Position is available immediately. To apply, submit a curriculum vitae, research statement, teaching statement, and three letters of reference to: Computing Research News November 2008

University of Iowa

Computer Science Department

Assistant/Associate/Full Professor

The University of Iowa’s Computer Science Department seeks applications for a tenure-track assistant/associate professor position commencing August 2009. Applications from all areas of computer science and information science are invited. We welcome applicants doing research at the frontiers of computing in computing and other disciplines.

• The Department is the College of Liberal Arts and Sciences are strongly committed to gender and ethnic diversity; the strategic plans of the University, College, and Department reflect this commitment.

• The University of Iowa is an equal opportunity/affirmative action institution. Women and minorities are strongly encouraged to apply.

University of Kansas

Department of Electrical Engineering and Computer Science

Chairperson

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 approximately 26,000 students at its main campus in Lawrence, a community consistently ranked as one of the most desirable places to live. EECS is the largest department in the School of Engineering, with 35 faculty members and a research budget of approximately $5.5 million. EECS offers undergraduate and M.S. degrees in Electrical Engineering, Computer Engineering, and Computer Science, a M.S. in Information Technology at KU’s Edwards Campus (metro-Kansas City), and Ph.D. degrees in Electrical Engineering and Computer Science. The department has approximately 425 undergraduate and 225 graduate students. See www.eecs.ku.edu.

• 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 a faculty that is developing academic and research programs, and representing the department to industry, government, administration, and alumni.

• The appointment will be effective as negotiated. To apply (or nominate someone), visit our website at www.eecs. ku.edu/recruitment. Applications will be reviewed beginning on November 15, 2008 and will be accepted until the position is filled. EEO/AA employer

University of Kentucky

Computer Science Department

Assistant Professor Level

The University of Kentucky Computer Science Department invites applications for two tenure-track positions beginning August 15, 2009 at the assistant professor level in bio/medical informatics and in vision/graphics. Specific information about each position and the application process are available at: www.uky.edu/employment/ positions.php.

Candidates must have a Ph.D. in Computer Science.

The University of Kentucky Computer Science Doctoral Program recently ranked the top 20% of such programs (20 out of 157) in a nationwide analysis. The rankings – produced by Academic Analytics – are based on the Faculty Scholarly Productivity Index(sm), a measure of actual faculty publication, citation, and funding rates. Among doctoral programs at public universities, UKCS was ranked 10th.

The University of Kentucky is an equal opportunity employer and encourages applications from minorities and women.

University of Louisiana at Lafayette

The Center for Advanced Computer Studies, Graduate Fellowships

Faculty Positions

Candidates with a strong research record and an earned doctorate in computer science or computer engineering are invited to apply for multiple tenure-track assistant/associate professor faculty positions starting fall of 2009. Target areas include Grid Computing, Large Scale Data Management, Knowledge Engineering, Distributed Software Systems, Entertainment Computing, and Bioinformatics.

Successful candidates should have demonstrated potential to achieve national visibility through accomplishments in research and teaching.

University of Kentucky

Computer Science Department

Assistant/Associate/Full Professor

The University of Kentucky Computer Science Department invites applications for the position of chairperson. The University

University of Kentucky

Computer Science Department

Assistant/Associate/Full Professor Level

The University of Kentucky Computer Science Department invites applications for two tenure-track positions beginning August 15, 2009 at the assistant professor level in bio/medical informatics and in
Professional Opportunities

University of Notre Dame
Department of Computer Science and Engineering
Assistant Professor Position

The Department of Computer Science and Engineering at the University of Notre Dame invites applications for one or more positions at the rank of Assistant Professor. The University of Notre Dame invites applications for its Diversity and Inclusion initiative. Women and minorities are encouraged to apply.

The Department

University of Notre Dame
Department of Computer Science and Engineering
Assistant Professor Position

The University of Notre Dame invites applications for a tenure-track faculty position at the rank of Assistant Professor. The University of Notre Dame invites applications for its Diversity and Inclusion initiative. Women and minorities are encouraged to apply.

The University

University of North Carolina, Chapel Hill
The Renaissance Computing Institute
Director Position

The University of North Carolina at Chapel Hill seeks a visionary leader for the Renaissance Computing Institute (RENCI), a collaborative venture of UNC-Chapel Hill, Duke University, and North Carolina State University. RENCI uses interdisciplinary teams, advanced information technologies and domain expertise to advance the frontiers of knowledge, address real-world problems, create economic opportunity, and improve the quality of life for people in North Carolina. RENCI provides an environment conducive to aiding partner groups in driving major research questions and addressing community needs. Working with partners and institutions of the Carolinas, the Director will pursual a collaborative vision that ensures RENCI’s relevance and responsiveness in a rapidly changing environment. As an advocate for innovation, the Director will speak persuasively to groups about the role of advanced information technologies in research, education, and public service. He or she will partner with institutions, communities, and governments to solve real-world strategic problems. He or she will have the technical knowledge, broad experience, organizational skills and professional abilities to address multidisciplinary research problems. Specifically, the Director will:

• develop and execute a vision for the RENCI mission;
• coordinate RENCI activities involving faculty members, students, and staff from three major research universities as well as participants in network sites across the state;
• develop strong working relationships with leaders in research, education, and government; and
• lead the strategic planning and development of the RENCI.

The successful candidate will:

• have a record of exemplary leadership experience in a highly collaborative environment engaged in research and development;
• bring a record of excellence in education and a commitment to the values of research, education, and service;
• have experience in achieving administrative and fiscal excellence and organizations to collaborate across disciplines and geographies to produce research and educational outcomes;
• have demonstrated leadership in developing projects or complex collaborations;
• have experience in developing proposals, and grants to support these efforts.

The University of North Carolina, Chapel Hill is committed to the principles of diversity and offers a highly collaborative and collegial environment that supports interdisciplinary projects.

The University of North Carolina at Chapel Hill is an equal opportunity/affirmative action employer and invites applications from women, minorities, protected veterans, and individuals with disabilities. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, veteran status or other factors protected by law.

The University of North Carolina at Chapel Hill seeks a visionary leader for the Renaissance Computing Institute (RENCI), a collaborative venture of UNC-Chapel Hill, Duke University, and North Carolina State University. RENCI uses interdisciplinary teams, advanced information technologies and domain expertise to advance the frontiers of knowledge, address real-world problems, create economic opportunity, and improve the quality of life for people in North Carolina. RENCI provides an environment conducive to aiding partner groups in driving major research questions and addressing community needs. Working with partners and institutions of the Carolinas, the Director will pursual a collaborative vision that ensures RENCI’s relevance and responsiveness in a rapidly changing environment. As an advocate for innovation, the Director will speak persuasively to groups about the role of advanced information technologies in research, education, and public service. He or she will partner with institutions, communities, and governments to solve real-world strategic problems. He or she will have the technical knowledge, broad experience, organizational skills and professional abilities to address multidisciplinary research problems. Specifically, the Director will:

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• have demonstrated leadership in developing projects or complex collaborations;
• have experience in developing proposals, and grants to support these efforts.

The University of North Carolina, Chapel Hill is committed to the principles of diversity and offers a highly collaborative and collegial environment that supports interdisciplinary projects.
The University of Notre Dame is a private, Catholic university located in South Bend, Indiana. It is a member of the Association of American Universities. Notre Dame is consistently ranked among the top 25 liberal arts colleges in the United States.

The University of Notre Dame offers a wide range of undergraduate and graduate programs across various disciplines. The University is known for its strong emphasis on research and intellectual pursuits, supported by a vibrant campus community and state-of-the-art facilities.

For more information, please visit the University of Notre Dame’s official website: http://www.nd.edu/
The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

University of South Florida

Computer Science and Engineering Assistant/Associate Professor Positions

The Department invites applications for two tenure-track positions. One position is at the Assistant Professor level in Intelligent Robotics. The successful candidate will be expected to collaborate with the rehabilitation robotics group. The other position is at the Associate or Assistant Professor level in the Bioinformatics area in conjunction with the University’s Diabetes Institute. Interested applicants should contact the Department of Pediatrics (http://uihealth.columbia.edu/divisions/epic/index.htm). The College and Department strongly encourage cross-disciplinary research.

The University of South Florida is among the nation’s top 63 public research universities, one of 39 community engaged public universities as defined by the Carnegie Foundation for the Advancement of Teaching, and placed among the nation’s top 20 “up and coming universities” in the 2009 U.S. News & World Report annual college rankings. USF is one of Florida’s three top research universities. The University was noted $866 million in research expenditures and grants last year. The university offers 219 degree programs at the undergraduate, graduate, specialist and doctoral levels, including the MD degree. The Department of Computer Science and Engineering (http://www.cse.usf.edu) is part of the College of Engineering with 22 faculty members, and offers B.S., M.S., and Ph.D. degrees. The department has an active graduate program and has demonstrated commitment to quality teaching and scholarly research. Applications are expected to have shown an excellent record of research initiative, be committed to teaching both undergraduate and graduate courses, have high quality publications and a demonstrated ability to collaborate in teams. Interested persons should submit a letter of application, a resume, best papers, and a criminal background check will be conducted on finalists. UT Arlington is an Equal Opportunity/Affirmative Action Employer.

The University of Texas at Arlington

Department of Computer Sciences Tenure-Track/Tenured Faculty Positions

The Department of Computer Sciences of the University of Texas at Arlington invites applications for tenured-track positions at all levels. Excellent candidates in all areas will be seriously considered, especially in Computer Architecture. All tenured and tenure-track positions require a Ph.D. or equivalent degree in computer science or a related area at the time of employment. Successful candidates are expected to pursue an active research program, to teach both undergraduate and graduate courses, and to supervise graduate students. The department is ranked among the top ten computer science departments in the country. It has 46 tenured and tenure-track faculty members across all areas of computer science. Many of these faculty participate in interdisciplinary programs and centers in the University, including those in Computational and Applied Mathematics, Computer Sciences, and Neuroscience.

The University of Tennessee is an Equal Opportunity/Affirmative Action/Equal Opportunity employer. Women and minorities are strongly encouraged to apply.

University of Tennessee, Knoxville

Electrical Engineering and Computer Science Department Faculty Positions

The Min Kao Department of Electrical Engineering and Computer Science (EECS) at The University of Tennessee, Knoxville seeks applications for tenure- track faculty positions in all areas of computer engineering, including but not limited to dependable and secure systems, wireless and sensor networks, embedded systems, and VLSI.

The department is starting a new growth phase thanks to gifts from alumnus Dr. Min Kao and other donors plus additional state funding totaling over $45.5 M for a new building and endowments for the department. Information about the EECS Department can be found at http://www.eecs.utk.edu/.

Candidates should have an earned Ph.D. in Electrical Engineering, Computer Engineering, Computer Science, or equivalent. Interested candidates should apply through the departmental web site at: http://www.eecs.utk.edu/jobs/faculty and submit a curriculum vitae, research and teaching statements, and provide contact information for three references. Consideration of applications will begin on December 10, 2008, and the position will remain open until filled.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ ADA/ADEA institution in the provision of its educational and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, age, physical or mental disability, or covered veteran status.

University of Texas at Arlington

Computer Science and Engineering Department

Tenure Track Faculty Position

The University of Texas at Arlington (UT Arlington), Computer Science and Engineering (CSE) Department (http://www.cse.uta.edu), invites applications for tenure-track position to fill for the year 2008-2009. We invite applications in all areas of computer science. CSE is committed to excellence in research and teaching with a large number of its faculty receiving NSF, NIH and other types of funding. The Department is expected to move to a new $116 million building in 2011. Applicants must have an earned doctorate in computer science or computer engineering and have demonstrated commitment to quality teaching and scholarly research. Applicants are expected to have shown an excellent record of research initiative, be committed to teaching both undergraduate and graduate courses, have high quality publications and a demonstrated ability to collaborate in teams. Interested persons should submit a letter of application, a resume, best papers, and a criminal background check will be conducted on finalists. UT Arlington is an Equal Opportunity/Affirmative Action Employer.

University of Texas at Austin

Department of Computer Sciences Tenure-Track/Tenured Faculty Positions

The Department of Computer Sciences of the University of Texas at Austin invites applications for tenured-track positions at all levels. Excellent candidates in all areas will be seriously considered, especially in Computer Architecture. All tenured and tenure-track positions require a Ph.D. or equivalent degree in computer science or a related area at the time of employment. Successful candidates are expected to pursue an active research program, to teaches both undergraduate and graduate courses, and to supervise graduate students. The department is ranked among the top ten computer science departments in the country. It has 46 tenured and tenure-track faculty members across all areas of computer science. Many of these faculty participate in interdisciplinary programs and centers in the University, including those in Mathematical Sciences, Computer Sciences, and Neuroscience.

The University of Texas at Austin, Department of Computer Sciences, has a strong emphasis on research and teaching, and would like to attract candidates from all areas of computer science. The University is committed to engaging diverse perspectives and ensuring a globally inclusive environment. Women, minorities, veterans, and individuals with disabilities are strongly encouraged to apply. Applications are welcome from candidates at all ranks and are open to qualified candidates in all areas of computer science, including, but not limited to, Computer Engineering, Engineering, Computer Science, or equivalent. Interested candidates should apply through the University of Texas at Austin website: http://www.utexas.edu/hr/employment/ (for further information concerning the search, please contact the search committee chair (Phone: 512-242-2605; searchcsc@uta.edu)).

This is a security sensitive position, and a criminal background check will be conducted on finalists. UT Austin is an Equal Opportunity/Affirmative Action Employer.

Executive Associate Dean

The Indiana University School of Informatics seeks an outstanding leader with vision and experience as Executive Associate Dean (EAD) to lead and administer the School on the Indianapolis campus. The position reports to and works closely with the system-wide Dean to develop and manage faculty, programs, and initiatives within the framework of the School’s overall strategic plan.

Indiana University-Purdue University Indianapolis (IUPUI) is an outstanding research university - a 21st century model for urban higher education. IUPUI offers more than 200 academic plans and educates 30,000 students a year. Located in downtown Indianapolis, the state’s capital and largest city, IUPUI offers many opportunities for collaboration with local business, scientific, community, and political leaders.

Core responsibilities of the position of Executive Associate Dean include faculty leadership and growth of the curricular and research programs offered on the IUPUI campus. The degree programs include (1) the Informatics doctoral program (2) masters programs in Bioinformatics, Health Informatics, Human-Computer Interaction, and Media Arts and Science and (3) undergraduate programs in Informatics, Media Arts and Science, and Health Information Administration. The School hosts 620 undergraduate students, 126 graduate students, and 40 doctoral students. A complete job description may be found at http://informatics.iupui.edu/executive_search/.

Requirements include significant successful administrative experience; a doctoral degree in an Informatics related discipline; and an academic record that supports the granting of tenure in Informatics. Applications received by November 15, 2008 will receive full consideration, but the search will remain open until the position is filled. All communications will be treated confidentially. Materials should be submitted to:

H. Öner Yurtsever
Dean and Professor of Electrical & Computer Engineering Chair, Associate Dean Search Committee
c/o Vicki Daugherty at vdaugh@iupui.edu

Indiana University School of Informatics at IUPUI 355 W. Michigan Street, Suite 475, Indianapolis, IN 46202-3103

Questions regarding the position can be directed to the Search Committee Chair (317-274-0802; e-mail: hoyer7@iupui.edu).

Indiana University is an EEO/AA employer, M/F/D.


**School of Computing**  
**University of Utah**

As an especially encouraged to apply, for full consideration of your application, please submit via email in PDF format to: Faculty Search Committee, Department of Computer Sciences, The University of Texas at Austin, 1 University Station C0520, Austin, Texas 78712-0233, USA.

The University of Texas is an Equal Opportunity Employer.

**The University of Texas at El Paso**

The University of Texas at El Paso (UTEP) seeks a dynamic, visionary, and entrepreneurial Chair of the Department of Computer Science. In addition to BS degrees at the B.S., M.S. and Ph.D. levels, the Department hosts the Masters of Information Technology (MIT) program and the MS and Ph.D. programs. UTEP has the second-highest federal dollars spent on research in Texas System, and in 2007-08, the University College of Engineering and Computing (UETC) was ranked number one in the state. UTEP seeks an outstanding faculty member working in multimedia, graphics, and/or a digital medium associated with but not limited to the disciplines currently represented within our College. UTEP is the Film Studies Division of the College of Fine Arts and Humanities and has a national reputation for excellence in digital media, with strong collaboration with faculty in the College of Fine Arts. The School of Computing and the Department of Computer Science are part of the Utah Science, Technology and Research Initiative and are especially encouraged to apply. Women and minority candidates are especially encouraged to apply. The University of Texas at El Paso is an Equal Opportunity/Affirmative Action Employer.

Applications should be sent by electronic mail to: scoleman@cs.utep.edu or by post to: Chair, Advisory Committee on Appointment, David R. Cheriton School of Computer Science, 1 University Avenue West, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1.

**University of Waterloo**

**Department of Computer Science**

The University of Waterloo School of Computer Science is the largest in Canada, consistently recognized as one of the world’s premier computer science schools. The School attracts exceptionally well-qualified students at both undergraduate and graduate levels. In addition, the University has an enlightened intellectual property policy which vests rights in the inventor: this policy has encouraged the creation of many spin-off companies including Anywhere Solutions Inc., Maplesoft Inc., Open Text Corp and Research in Motion. Please see our website for more information: http://www.cs.uwaterloo.ca.

Applications should be sent by electronic mail to: cs@emjewkes@uwaterloo.ca or by post to: Chair, Advisory Committee on Appointment, David R. Cheriton School of Computer Science, 200 University Avenue West, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1.

**Professional Opportunities**

**University of Waterloo**

**Department of Management Sciences**

The Department of Management Sciences at the University of Waterloo invites applications for professorial appointments in Information Systems at any level: assistant, associate or full, to begin May 2009 or later. Applicants should hold a Ph.D. or be near completion of the doctorate, and have demonstrated research and teaching potential in information systems. Positions are available at all three ranks: assistant, associate and full. Candidates at all levels of experience are encouraged to apply. Preference will be given to those who focus on health informatics as an application area.

Applications should be submitted to: c/o Mr. Chris Coleman, The University of Utah is an Equal Opportunity, Affirmative Action Employer. The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, veteran status, or sexual orientation in employment or the provision of services.

**School of Management**

The University of Utah seeks multiple hires in the field of Digital Media. One position will be in the Film Studies Division in the College of Fine Arts and one in the Department of Computer Science. The positions are part of the Utah Science, Technology and Research Initiative (USTAR) which was funded by the Utah State Legislature to fund a multi-disciplinary team of outstanding researchers who have the potential of helping build major research programs. Applicants in projects that can ultimately lead to commercial products and/or new industries for Utah. For more information, please visit the http://ustar.utah.edu.

Please send curriculum vitae, a research goals statement, a teaching goals statement, and names and addresses of at least four references via email to: FSTD-Vacancy@cs.utah.edu.

The University of Utah's School of Computing and the Department of Management Sciences at the University of Utah are Equal Opportunity, Affirmative Action Employers. The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, veteran status, or sexual orientation in employment or the provision of services.

**University of Waterloo**

David R. Cheriton faculty positions in Computer Science

The University of Waterloo invites applications for tenured or tenure-track faculty positions in the David R. Cheriton School of Computer Science, in the area of information systems. Candidates at all levels of experience are encouraged to apply. Preference will be given to those who focus on health informatics as an application area.

Applications should be submitted to: c/o Ms. Emilia Jewkes, The University of Waterloo, Department of Management Sciences, 200 University Avenue West, Waterloo, Ontario, Canada N2L 3G1.

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Applications should be submitted to: c/o Ms. Emilia Jewkes, The University of Waterloo, Department of Management Sciences, 200 University Avenue West, Waterloo, Ontario, Canada N2L 3G1.
Professional Opportunities

The University encourages applications from qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities.

University of Waterloo
David R. Cheriton School of Computer Science
Faculty Position in Software Engineering

The University of Waterloo invites applications for a tenured or tenure-track faculty position in the David R. Cheriton School of Computer Science, in the area of software engineering. Candidates at all levels of experience are encouraged to apply. Successful applicants who join the University of Waterloo are expected to develop and maintain a productive program of research, attract and develop highly qualified graduate students, and provide a stimulating learning environment for undergraduate and graduate students, and contribute to the overall development of the School. A Ph.D. in Computer Science, or equivalent, is required, with evidence of excellence in teaching and research. Rank and salary will be commensurate with experience, and appointments are expected to commence before the 2009 calendar year.

With over 70 faculty members, the University of Waterloo’s David R. Cheriton School of Computer Science is the largest in Canada. It enjoys an excellent reputation in pure and applied research and has a world-class research program of international stature. Because of its recognized capabilities, the School attracts exceptionally well-qualified students at both undergraduate and graduate levels. In addition, the University has an enlightened intellectual property policy which vests rights in the invention. This policy has encouraged the creation of many spin-off companies including ArrayInformation Solutions Inc., Maplesoft Inc., Open Text Corp and Research in Motion. Please see our website for more information: http://www.cs.uwaterloo.ca.

Applications should be sent by electronic mail to cs-recruiting@cs.uwaterloo.ca or by post to:
Chair, Advisory Committee on Appointments
David R. Cheriton School of Computer Science
200 University Avenue West
Waterloo, Ontario, Canada N2L 3G1

An application should include a curriculum vitae, statements on teaching and research, and the names and contact information of at least three referees. Applicants should ask their referees to forward letters of reference to the address above. Applications will be considered as soon as possible after they are complete, and as long as positions are available.

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities. Applicants at all levels of experience are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

University of Wisconsin–Milwaukee
Medical Informatics, CEAS Research Associate in Software Engineer

We need natural language processing and machine-learning experts for biomedical NLP applications. Salary and benefits are competitive - 14 years of support. Send CV, two references, and two business cards to:
hsong@uwm.edu

Vassar College
Department of Computer Science
Two Year Visiting Assistant Professor, Fall, 2009

Vassar College seeks applications for a two-year, full-time Visiting Assistant Professor position starting Fall, 2009. A Ph.D. in computer science is required. Applicants with background in any area of Computer Science will be considered, but special consideration will be given to candidates with interests and expertise in Computer Organization, Computer Architecture, Operating Systems, and/or the "Teach/Scale,教行" curriculum. All candidates must have "Teach/Scale" courses in the core areas of Computer Science. Vassar College is an equal opportunity/ affirmative action employer and actively committed to diversity within its community. Applications from members of historically underrepresented groups are especially encouraged to apply.

Vassar College is dedicated to building a strong undergraduate program in Computer Science. Introductory courses are taught using Scheme and Java.
Wayne State University
Department of Computer Science Tenure-Track Faculty Positions

The Department of Computer Science of Wayne State University invites applications for two tenure-track faculty positions, subject to administrative and budgetary approval, at the Assistant/Associate Professor level. Continuing our recent growth, we are seeking applicants in the areas of Software Engineering and Services Computing. Outstanding applications in other areas will be considered.

Candidates should have a Ph.D. in computer science or related area. The successful candidate will have a strong commitment to research and teaching, a strong publication record, and potential for obtaining external research funding. Senior applicants should have strong publication and funding records.

We offer B.S., M.S. and Ph.D. degrees with enrollment of over 50 Ph.D. students. Our research funding exceeds $2 million annually, which is above the national average between $2-3 million.

Wayne State University is an equal opportunity/affirmative action employer.

Wayne State University
College of Liberal Arts and Sciences Faculty Positions in Bioinformatics/Computational Biology

The College of Liberal Arts and Sciences anticipates up to three tenure-track and two endowed faculty positions in bioinformatics and computational biology in the Departments of Biology, Chemistry, and Computer Science. The College is especially interested in candidates with expertise in bioinformatics with a strong collaboration with life sciences. Candidates should have a Ph.D. in a related discipline and a strong interest in educating undergraduate and graduate students. Competitive salary and start-up packages will be available, as appropriate.

Applications in the form of a vita, a teaching statement, and three letters of reference, at least one of which speaks to the candidate’s promise as a teacher, may be sent to Prof. Michael Brent, Chair Department of Computer Science, 1064 Cathedral Mall, Detroit, Michigan 48202-1411. Applications will be reviewed until the positions have been filled.

Wayne State University is a comprehensive, research-intensive university located in Detroit, one of the nation’s great cities. Wayne State and the surrounding city of Detroit offer access to a world-class education. The University is a member of the urban midwest region research universities. Wayne State University is an equal opportunity/affirmative action employer.

Innovations in Information and Data Analysis (IR/NLP/KR/AI/learning/statistical information integration and analysis (including Web 2.0/Web 3.0/Semantic Web and related research such as search engines and discovery), Web 2.0/3.0 Semantic Web), computer science and computer engineering and computer science and computer engineering.

Wayne State University is an equal opportunity/affirmative action employer.

Professional Opportunities

Wayne State University
Computational Biology Tenure-Track Faculty Positions

Applications in the form of a vita, a teaching statement, and three letters of reference, at least one of which speaks to the candidate’s promise as a teacher, may be sent to Prof. Thomas Sudkamp, Chair, Computer Science Department, 1660 Beach Drive, Detroit, Michigan 48202-1411. Applications will be reviewed until the positions have been filled.

Wayne State University is an equal opportunity/affirmative action employer.

Wayne State University
College of Liberal Arts and Sciences Faculty Positions in Bioinformatics/Computational Biology

Wayne State University invites applications for four tenure-track faculty positions, subject to administrative and budgetary approval, at the Assistant/Associate Professor level. Continuing our recent growth, we are seeking applicants in the areas of Software Engineering and Services Computing. Outstanding applications in other areas will be considered.

Candidates should have a Ph.D. in computer science or related area. The successful candidate will have a strong commitment to research and teaching, a strong publication record, and potential for obtaining external research funding. Senior applicants should have strong publication and funding records.

We offer B.S., M.S. and Ph.D. degrees with enrollment of over 50 Ph.D. students. Our research funding exceeds $2 million annually, which is above the national average between $2-3 million.

Wayne State University is an equal opportunity/affirmative action employer.

Wayne State University
College of Liberal Arts and Sciences Faculty Positions in Bioinformatics/Computational Biology

Wayne State University invites applications for two tenure-track faculty positions, subject to administrative and budgetary approval, at the Assistant/Associate Professor level. Continuing our recent growth, we are seeking applicants in the areas of Software Engineering and Services Computing. Outstanding applications in other areas will be considered.

Candidates should have a Ph.D. in computer science or related area. The successful candidate will have a strong commitment to research and teaching, a strong publication record, and potential for obtaining external research funding. Senior applicants should have strong publication and funding records.

We offer B.S., M.S. and Ph.D. degrees with enrollment of over 50 Ph.D. students. Our research funding exceeds $2 million annually, which is above the national average between $2-3 million.

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Wayne State University
Computational Biology Tenure-Track Faculty Positions

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Wayne State University
College of Liberal Arts and Sciences Faculty Positions in Bioinformatics/Computational Biology

Wayne State University invites applications for two tenure-track faculty positions, subject to administrative and budgetary approval, at the Assistant/Associate Professor level. Continuing our recent growth, we are seeking applicants in the areas of Software Engineering and Services Computing. Outstanding applications in other areas will be considered.

Candidates should have a Ph.D. in computer science or related area. The successful candidate will have a strong commitment to research and teaching, a strong publication record, and potential for obtaining external research funding. Senior applicants should have strong publication and funding records.

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Wayne State University
College of Liberal Arts and Sciences Faculty Positions in Bioinformatics/Computational Biology

Wayne State University invites applications for two tenure-track faculty positions, subject to administrative and budgetary approval, at the Assistant/Associate Professor level. Continuing our recent growth, we are seeking applicants in the areas of Software Engineering and Services Computing. Outstanding applications in other areas will be considered.

Candidates should have a Ph.D. in computer science or related area. The successful candidate will have a strong commitment to research and teaching, a strong publication record, and potential for obtaining external research funding. Senior applicants should have strong publication and funding records.

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