Announcements

Corrected Table F6
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CRA Releases Latest Research Issue Report

New Technology-based Models for Postsecondary Learning: Conceptual Frameworks and Research Agendas

The report details the findings of a National Science Foundation-Sponsored Computing Research Association Workshop held at MIT on January 9-11, 2013.

From the report: “Advances in technology and in knowledge about expertise, learning, and assessment have the potential to reshape the many forms of education and training past matriculation from high school. In the next decade, higher education, military and workplace training, and professional development must all transform to exploit the opportunities of a new era, leveraging emerging technology-based models that can make learning more efficient and possibly improve student support, all at lower cost for a broader range of learners.”

The report is now available as a pdf at http://cra.org/resources/research-issues/. Slides from the presentation at NSF on April 19, 2013 are also available.

Investments in STEM Research and Education:
Fueling American Innovation

On May 7, at the Rayburn House Office Building in Washington, DC, the Coalition for National Science Funding (CNSF) held its 19th annual exhibition and reception, “Investments in STEM Research and Education: Fueling American Innovation.”

CRA is a sponsor and was among the exhibitors showcasing research and education projects supported by the National Science Foundation. On behalf of CRA, John Melchi and Brett Bode from the National Center for Supercomputing Applications at University of Illinois Urbana-Champaign were on hand to talk about the “Blue Waters” project.

High school students Joshua Meka and Vitaly Kleiner of Landon School in Bethesda, MD attended, and were greeted by Members of Congress and STEM professionals who shared their research and encouraged them to pursue a career in science and technology.

From left to right: Dr. Farnam Jahanian, Assistant Director for Computer and Information Science and Engineering, National Science Foundation; Joshua Meka, Landon School; Dr. Cora B. Marrett, Acting Director, National Science Foundation; and Vitaly Kleiner, Landon School.
CRA Announces Outstanding Undergraduate Researcher Award Winners

The Computing Research Association honors the recipients of its 2013 Outstanding Undergraduate Researcher Awards, which recognizes undergraduates in North American colleges and universities who show outstanding research potential in an area of computing research. This year’s awards are sponsored by Microsoft Research. Mitsubishi Electric Research Labs and Microsoft Research sponsor the awards in alternate years.

Vera Khovanskaya – Female Awardee

Vera Khovanskaya is a Senior at Cornell University in the Department of Information Science.

As an undergraduate researcher in Cornell's Interaction Design Lab, Vera brings a synthesis of computer science and social science skills to her projects. Vera’s research combines critical reflection on issues in the collection and processing of data for personal informatics with the design of technologies. She has assisted with the development of a mobile phone application to improve health behaviors and health awareness, and a mobile phone application that generates music in response to a user’s physical movements in order to foster creative expression.

Vera also has also worked as a teaching assistant, and helped develop an introductory programming course for non-majors.

Matthew Bryan – Male Awardee

Matthew Bryan is a Senior at the University of Washington majoring in Computer Science.

Matthew's research is highly multidisciplinary – spanning the fields of robotics to brain-computer interfacing.

Matthew’s state-of-the-art research helps make brain-computer interfacing more adaptive to the ongoing needs of users, who are often paralyzed or disabled. As an undergraduate research assistant, Matt took on the challenging problem of developing a brain-computer interface for controlling an assistive humanoid robot using brain signals. Matthew’s novel approach allows the user to teach the robot new commands on the fly by training the robot to perform new behaviors using brain signals.

In addition to formulating research hypotheses, developing and implementing algorithms, and presenting research results at international conferences, Matthew also mentors at-risk youth.

Zhengyuan Zhou – Male Awardee

Zhengyuan recently received his Bachelor of Science in Electrical Engineering and Computer Science and a Bachelor of Arts in Mathematics from the University of California, Berkeley.

Zhengyuan has an exemplary record of research results, and a drive to work on deep and meaningful problems in computer science. He has co-authored several papers building on open-loop frameworks for differential games, with an emphasis on control and optimization. In addition to theory and algorithm design, Zhengyuan is a skilled programmer.

Zhengyuan also gained experience as an undergraduate student instructor and tutor in the Department of Computer Science and Engineering and worked on problems in Algebra with researchers in the Mathematics Department.

Mattea Welch – Female Runner

Mattea Welch is a Senior at Queen’s University in Ontario, majoring in Computer Science with a specialization in Biomedical Computing.

Mattea is passionate about using computing and logic to solve real life problems, and her projects are multidisciplinary – involving computer scientists and clinicians. She has organized research in the Laboratory for Percutaneous Surgery specializing in computer-assisted surgery.

She is also a Research Assistant and Vice-President of the Queen’s Association for Technology in Medicine and Biology, which provides a platform to discuss and explore the changing role that technology plays in medicine and biology. It promotes the idea that traditionally separate fields of technology, medicine and biology have much to gain through a collaborative and multidisciplinary approach to problem solving.
Frank Ong – Male Runner Up

Frank Ong is a Senior at the University of California, Berkeley, majoring in Electrical Engineering and Computer Sciences.

As a Research Assistant, Frank investigated a novel way of denoising blood flow data using divergence-free wavelet transform. During the project, he had the opportunity to collaborate with radiologists in Stanford University, which motivated him to allow complete user control on the denoising process, because algorithms may cover up some details that radiologists want to see.

Finalists, Female Award

Logan McNamara, Lehigh University
Marjori Pomarole, University of California, San Diego
Alexandra Schofield, Harvey Mudd College

Finalists, Male Award

Daniel Grier, University of South Carolina
Eric Moult, Queen’s University
Sameh Saleh, George Mason University
Rohan Sharma, University of Illinois at Urbana-Champaign

Honorable Mentions, Female

Colleen Alkalay-Houlihan, McGill University
Andreea Bancila, Mount Holyoke College
Willa Chen, Princeton University
Yudi Fu, Brown University
Rachel Gordon, University of Massachusetts, Amherst
Grace Muzny, University of Washington
Amy Pavel, University of California, Berkeley
Melissa Queen, Dartmouth College
Elissa Redmiles, University of Maryland, College Park
Stephanie Rogers, University of California, Berkeley
Kaitlin Stouffer, Princeton University
Megan Torkildson, University of Washington
Rachel Ulgado, University of California, Irvine
Rachel Wesley, University of Rochester

Honorable Mentions, Male Award

Gregory Allan, Queen’s University
Gregory Bodwin, Tufts University
Kevin Brandstatter, Illinois Institute of Technology
Jonathan Burket, University of Virginia
Nicholas Carboni, Lafayette College

Kevin Clark, University of Washington
Nihit Desai, University of Illinois at Urbana-Champaign
Jesse Domack, Florida International University
Adam Fairfield, Arizona State University
John Fallon, University of Massachusetts, Lowell
Clement Gehring, McGill University
William Hamilton, McGill University
John Judnich, Santa Clara University
Jason Koenig, Carnegie Mellon University
Alan Kuntz, University of New Mexico
Young Hyun (Albert) Kwon, University of Pennsylvania
Avi Levy, University of Texas, Dallas
Jack Ma, Harvey Mudd College
Kevin Mantel, Princeton University
Douglas McErlean, Brown University
Christopher Miller, University of Rochester
Gal Oshri, Princeton University
Tong Pham, Lafayette College

2013 Selection Committee

This year’s Selection Committee includes Chris Stone (Chair, HMC); Amy Czismar Dalal (Carleton College); Miguel Labrador (University of South Florida); Jennifer Welch (Texas A&M); Thad Starner (Georgia Tech); and Maria Gini (University of Minnesota).
First Video in CCC Computing Research in Action Series Released: Vehicle-to-Grid (V2G) Technology at the University of Delaware

By Kenneth D. Hines, Computing Community Consortium Program Associate

In September 2012, the Computing Community Consortium (CCC) launched “Computing Research in Action,” a new video series in partnership with Patrick Sammon (Story Center Productions), Executive Producer of the Codebreaker film. The series is an expansion of our popular “Highlight of the Week” feature, in which we highlight each week exciting and important recent research results throughout the field. Through Computing Research in Action, the CCC plans to periodically develop two- to five-minute video segments on selected research to showcase on our website and YouTube channel. We are pleased to announce our first Computing Research in Action video, which showcases Vehicle-to-Grid (V2G) technology being developed at the University of Delaware.

Earlier this year, Patrick traveled to Wilmington, Delaware, to interview Fouad Kiamilev, Professor of Electrical & Computer Engineering, and his team of researchers on the V2G project. Using a fleet of 15 Mini Coopers donated to the University of Delaware by BMW, the V2G project facilitates power from a parked electric vehicle to send stored energy back to the grid into power markets, allowing owners to sell energy in times of need.

“Vehicle to grid is one way that you could amortize the cost [of an electric vehicle],” says Kimilev. “You could leverage selling your battery capacity when it’s not being used back to the grid and offset the cost of purchasing an electric vehicle.”

Results from trials show that an estimated $150 per month per vehicle could be earned through the V2G technology.

We encourage you to submit your research project for consideration! Selected projects will receive a $1500 travel award for a research team member to present the featured work at a conference. To learn more, and to submit your research project for consideration, check out Computing Research in Action today!


http://cra.org/resources/crn-online/
Center for Evaluating the Research Pipeline

Undergraduate students who had participated in summer REUs were asked about the degree to which they obtained experience with the publication process while engaged in those REUs. Experience with the publication process was measured via an aggregated measure of three items with the following prompt: How much experience, if any, did you gain through your summer research experience in these activities? Writing or co-authoring a research paper or report; publishing a research paper or report; summarizing published research results. Responses ranged from (1) No more than I had to (4) Quite a bit more. Participants in CRA-W/CDC summer REU programs indicated that they had obtained significantly more experience with the publication process than students who had taken part in other summer REUs, p ≤ .05.

Note: Majority male students = Asian + White men. Underrepresented minorities and women (URM+W) = American Indian, Black, Hawaiian or Hispanic men + women of all ethnic/racial backgrounds. CRA-W/CDC REU programs = Collaborative Research Experience for Undergraduates (CREU) + Distributed Research Experience for Undergraduates (DREU) + Multidisciplinary Research Opportunities for Women (MRO-W). Other research experiences = summer research projects at one’s home institution or another university + a research internship in an industry or government lab. Error bars represent standard errors.

This analysis brought to you by the CRA’s Center for Evaluating the Research Pipeline (CERP). Want CERP to do comparative evaluation for your program or intervention? Contact cerp@cra.org to learn more. Be sure to also visit our website at http://cra.org/cerp/.

NSF Funding Opportunity: I-Corps Sites Program Proposals
Due July 1

Transitioning Research into the Marketplace: NSF Funding Opportunity for Academic Institutions Engaged in Entrepreneurship

The National Science Foundation has developed a suite of funding opportunities, the Innovation Corps Programs (I-Corps), to help transition academic research outcomes into the marketplace.

One of these programs, the NSF Innovation Corps Sites Program (I-Corps Sites), expands our nation’s innovation ecosystem through fostering translation of academic research into the marketplace, catalyzing collaboration between academia and industry, and training students to understand innovation and entrepreneurship.

I-Corps Sites are funded for up to $100,000 per year for up to three years. The due date for responding to the I-Corps Sites funding opportunity is July 1st, 2013.

NSF I-Corps Sites Program funds academic institutions, having already existing innovation or entrepreneurial units, to enable those institutions to:

- Nurture and fund students and/or faculty who are engaged in projects having the potential to be transitioned into the marketplace.
- Develop formal, active, local innovation ecosystems that contribute to a larger, national network of mentors, researchers, entrepreneurs and investors.
- Provide infrastructure, advice, resources, networking opportunities, training and modest funding to enable teams of students and faculty to transition their work into the marketplace or to pursue additional funding from public or private sources.

Additional information about NSF’s Innovation Corps suite of programs (I-Corps Teams, I-Corps Sites, and I-Corps Nodes) can be found at: http://www.nsf.gov/news/special_reports/i-corps/

If, after referring to the Sites solicitation, you have additional questions, contact:

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National Science Foundation (NSF)
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Arlington, VA 22230
(703) 292-5006
alasalle@nsf.gov

http://www.nsf.gov/staff/staff_bio.jsp?lan=alasalle&org=CNS&from_org=CNS&from_staff

Additional details can be found in the I-Corps Sites Program solicitation (NSF 12-604) found at: http://www.nsf.gov/pubs/2012/nsf12604/nsf12604.pdf
CRA Recognizes Contributors

CRA's mission to strengthen research and advanced education in computing research is made possible by the thousands of individuals who support our work. From July 1, 2012 to present, more than 1,800 participants from the United States, Canada and around the world have been active in CRA and the programs of its committees. The list and map below includes CRA board members, committee members, awards program winners, nominees, and nominators (Outstanding Undergraduate Research, A. Nico Habermann and Distinguished Service), Computing Community Consortium event participants, and CRA-W event participants.

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3. Fredericton New Brunswick
4. Hamilton Ontario
5. Kingston Ontario
6. Montreal Quebec
7. Saskatoon Saskatchewan
8. Toronto Ontario
9. Vancouver British Columbia
10. Waterloo Ontario
11. Ottawa Ontario

http://cra.org/resources/crn-online/
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Professional Opportunities

Bryn Mawr College

Department of Computer Science
Visiting Assistant Professor

The Department of Computer Science at Bryn Mawr College invites applications for a full-time, three-year position in Computer Science starting August 2013. Annual renewal of the position is required and contingent upon a successful review of teaching evaluations. The title is Visiting Assistant Professor at the rank of a Lecturer. A full-time load is 3/2 with full participation in all department activities. A Ph.D. in hand by the start of the position is required.

She will be expected to teach courses at all levels of the undergraduate program in Computer Science, from Intro and Data Structures through core systems and theory courses to advanced topics in their areas of research. Along with scholarly contributions to research, the ideal candidate will have evidence of interest and expertise in Computer Science pedagogy and relevant teaching experiences.

Located in suburban Philadelphia, Bryn Mawr College is a highly selective liberal arts college for women. The College promotes faculty excellence in both research and teaching, and has strong consortial relationships with Haverford College, Swarthmore College, and the University of Pennsylvania.

To apply, submit pdf documents including a cover letter; curriculum vitae; sample syllabi of courses able to offer and course evaluations from past courses; together with two letters of reference to cs-search@brynmawr.edu. Review of applications will begin immediately and continue until position is filled.

Bryn Mawr College is an equal-opportunity employer; minority candidates and women are especially encouraged to apply.

College of William and Mary

Department of Computer Science
One Year Non-Tenure-Track Position

The Department of Computer Science at the College of William & Mary invites applications for a one year non-tenure-track position of Visiting Assistant Professor that will begin August 10, 2013. Renewal for subsequent years is contingent on satisfactory performance and the availability of funds.

Responsibilities include teaching three sections per semester of a mix of lower- and upper-division undergraduate courses, with course assignment based on experience and abilities.

A degree in Computer Science or a closely-related discipline is required. Strong oral presentation and communication skills are required. Preference will be given to candidates with a Ph.D. at the time the appointment begins, but candidates who either have an M.S. or are ABD in Computer Science also will be considered. Prior teaching experience and an interest in advising and mentoring undergraduate students is particularly welcome.

Application Instructions

Applicants must apply using William & Mary’s online recruitment system at: https://jobs.wm.edu. The Position Number is F0395W. Submit a current cv online. Applicants should submit a CV, brief research and teaching statements, and the contact information of three references who will be contacted by us with instructions on how to submit a letter of reference. At least one letter should address teaching experience.

Review of applications will begin April 30, 2013; applications received by this date will receive fullest consideration. The position will remain open until filled.

The College is an EO/AA Employer. The College of William & Mary conducts background checks on applicants for employment.

The Jacobs Technion-Cornell Innovation Institute (JTCII)

Senior Faculty Positions, JTCII

Multiple Technion-affiliated faculty positions are available at the Jacobs Technion-Cornell Innovation Institute (JTCII), a key component of the new Cornell NYC Tech in New York City, at the Associate or Full Professor level. Faculty will be academically affiliated with a relevant Technion department, but permanently located in NYC.

Exceptional applicants involved in data- and information-technologies related to JTCII’s current research hubs—Connective Media, Healthier Life, and Built Environment—and whose research will have a substantial impact on the information technology aspects of acquisition and processing of complex data sets, in particular as related to manipulating different types of media, improving human health, and developing intelligent infrastructure, should apply. Applicants must hold a PhD and have demonstrated ability to conduct outstanding research and education at the level of tenured faculty at Technion. Applicants must also have a strong and demonstrated record in the technology commercialization and entrepreneurship mission of JTCII.

Applicants should submit a CV, brief research and teaching statements, and the contact information of at least three references. The research statement should also explicitly describe the entrepreneurial and commercialization aspects of the applicants’ research. Applications should be made online at: https://academicjobsonline.org/ajo/jobs/2850.

Applicants are encouraged to apply. Technion—Israel Institute of Technology (http://www1.technion.ac.il/en) is Israel’s premier technological university. JTCII is a joint venture of the Technion and Cornell University, combining the strengths of both institutions.

http://cra.org/resources/crn-online/
Loyola University Maryland

Computer Science
Visiting Affiliate Assistant Professor or Instructor, Computer Science

If Temporary or Visiting, Estimated End Date: 06-08-2014

Essential Duties of the Position:
• Teach computer science classes on the undergraduate, non-majors level.
• Teach other courses in the program as feasible.
• Total teaching load of 8 courses per academic year.
• Render other service to the Department and Loyola University, as needed.

Required Qualifications:
• Masters degree in Computer Science or a closely related discipline.
• Experience and a strong commitment to teaching.
• PhD to be at the Affiliate Assistant Professor rank.
• Commitment to the goals of education in the Jesuit/Mercy tradition.

Desired Qualifications:
• Teaching experience in Computer Science at the introductory level.
• Expertise in Java or a similar high-level language.

Mount Holyoke College

Computer Science Department
Visiting Assistant Professor

The Computer Science Department has a one-year position for a full-time, Visiting Assistant Professor. We are seeking someone with a strong interest in teaching and working closely with undergraduate students. The teaching load is five courses for the year. Applicant must have Ph.D in computer science by September 2013.

Mount Holyoke is an undergraduate liberal arts college for women with 2,300 students and 220 faculty. Over half of the faculty are women; one-fifth are persons of color. It is located about 80 miles west of Boston in the Connecticut River valley, and is a member of the Five College Consortium consisting of Amherst, Hampshire, Mount Holyoke, and Smith Colleges and the University of Massachusetts. Mount Holyoke is committed to fostering multicultural diversity and awareness in its faculty, staff, and student body and is an Equal Opportunity Employer. Women and persons of color are especially encouraged to apply.

Review of applications will begin immediately and continue until the position is filled. Candidates should submit letter of interest, CV, description of research interest, and teaching philosophy statement online at http://jobsearch.mtholyoke.edu along with email addresses for those submitting letters of recommendation. Three are required. At least one letter should address teaching experience.

Qatar Computing Research Institute seeks talented scientists and software engineers to join our team and conduct world-class applied research focused on tackling large-scale computing challenges.

We offer unique opportunities for a strong career spanning academic and applied research in the areas of Arabic language technologies including natural language processing, information retrieval and machine translation, distributed systems, data analytics, cyber security, social computing and scientific computing including bioinformatics.

Scientist applicants must hold (or will hold at the time of hiring) a PhD degree, and should have a compelling track record of accomplishments and publications, strong academic excellence, effective communication and collaboration skills.

Software engineer applicants must hold a degree in computer science, computer engineering or related field; MSc or PhD degree is a plus.

We also welcome applications for post-doctoral researcher positions.

As a national research institute and proud member of Qatar Foundation, our research program offers a collaborative, multidisciplinary team environment endowed with a comprehensive support infrastructure.

Successful candidates will be offered a highly competitive compensation package including an attractive tax-free salary and additional benefits such as furnished accommodation, excellent medical insurance, generous annual paid leave, and more.

For full details about our vacancies and how to apply online please visit http://www.qcri.qa/join-us/
For queries, please email QFJobs@qf.org.qa

JOIN THE INNOVATION.
Professional Opportunities

United States-Israel Educational Foundation

Fulbright Israel Post-Doctoral Fellowships for American Researchers in All Academic Disciplines

The United States-Israel Educational Foundation (USIEF), the Fulbright commission for Israel, offers 8 fellowships to American post-doctoral researchers in support of work to be carried out at Israeli universities during the course of the 2014/2015-2015/2016 academic years.

The US Post-Doctoral Fellowship Program is open to candidates in all academic disciplines.

Program grants total $40,000, $20,000 per academic year.

Program fellows must be accepted as post-doctoral researchers by Israeli host institutions, which agree to provide them with a standard post-doctoral grant, which they will receive in addition to their Fulbright Fellowship. Thus, the total financial support received by Program Fellows is likely to be in the range of at least $35,000-$40,000 per year.


Further details on the program and on application procedures may be found at:

http://fulbright.org.il/en/?page_id=1024
http://catalog.cies.org/viewAward.aspx?n=4397&dc=IS
http://www.cies.org/us_scholars/us_awards/Application.htm

Potential candidates should contact Ms. Judy Stavsky, Deputy Director, USIEF (stavskyj@fulbright.org.il; +972-3-517-2392) for advice and assistance.

The University of Pennsylvania

Department of Computer and Information Science
Postdoctoral Research Fellow: Machine Learning

The University of Pennsylvania invites applications for a Postdoctoral Fellow in machine learning.

For further details and to apply, visit: http://cs.upenn.edu/~seaton/oppositions.html

University of Massachusetts Lowell

Department of Computer Science
Non-Tenure Track Lecturer

The Computer Science Department invites applications for one full-time, non-tenure-track faculty position at the rank of Lecturer to start on September 1, 2013. Primary responsibilities are to provide high quality teaching and service to the department. This position is renewable annually, potentially leading to an appointment as Senior Lecturer following six consecutive years of outstanding performance evaluations.

Minimum Qualifications: Applicants must hold a doctoral degree in Computer Science or a closely related discipline. Experience and demonstrated excellence teaching Computer Science at the undergraduate level is required.

The University of Massachusetts Lowell is located about 25 miles northwest of Boston in the high tech corridor of Massachusetts. The Computer Science department has 17 tenured and tenure track faculty and two lecturers, serving about 300 BS students, 100 MS students, and 75 PhD students. It also offers bioinformatics options at all levels, a robotics minor, and a PhD in computational mathematics.

The Computer Science faculty has received approximately $6M in the last two years in external research funding from NSF, DOD, NIH, and corporations. The department has five NSF CAREER Award recipients.

More information about the department can be found at www.cs.uml.edu.

The University of Massachusetts Lowell is a comprehensive University with a national reputation in science, engineering and technology, committed to educating students for lifelong success in a diverse world, and conducting research and outreach activities that sustain the economic, environmental and social health of the region. In February of 2009, a campus wide strategic planning initiative was launched to reposition UMass Lowell as a world-class institute over the next decade. A major component of that initiative is to ensure that diversity and inclusion are in every aspect of our strategic plan. We seek a diverse and dedicated candidate pool to be part of our mission and achievements.

http://cra.org/resources/crn-online/
Professional Opportunities

How to apply: Interested applicants should apply online at https://jobs.uml.edu. Review of applications will begin immediately, and continue until the position is filled. However, the position may close when an adequate number of qualified applications are received. Women and under-represented minorities are strongly encouraged to apply. Thank you for considering the University of Massachusetts Lowell as an employer of choice. We look forward to receiving your application.

The University of Massachusetts Lowell is committed to increasing diversity in its faculty, staff, and student populations, as well as curriculum and support programs, while promoting an inclusive environment. We seek candidates who can contribute to that goal and encourage you to apply and to identify your strengths in this area.

University of Massachusetts Medical School

Quantitative Health Sciences Postdoc Scientist

Several postdoctoral scientists are open for NLP experts to join a leading group in biomedical NLP. Experience in this area is desirable.

See the full job description at: http://umassmed.jobs/worcester-ma/post-doc-assoc/21712424/job/

Wentworth Institute of Technology

Department Chair

Wentworth Institute of Technology seeks a department chair for its Computer Science and Networking Department. This department is one of five departments within the College of Engineering and Technology. A department chair’s responsibilities include:

Leadership

• Provide leadership and vision for the department
• Develop curriculum in conjunction with the faculty
• Develop and implement multi-disciplinary projects
• Oversee accreditation reviews (CAC ? ABET)
• Develop departmental strategic plan including assessment
• Work with departmental Industry Professional Advisory Committee
• Resource Development
• Develop and manage department budget
• Assist in recruiting and hiring of faculty, staff and adjuncts
• Mentor faculty and staff
• Assist in fund raising initiatives

Administrative

• Prepare faculty class schedules
• Call and preside over department meetings
• Oversee physical facilities of the department
• Oversee the department website
• Collaborate with other Wentworth departments as well as external partners

• Represent department on Institute committees, including Academic Leadership Team
• Represent department off campus as required

Interpersonal

• Conduct faculty and staff evaluations; assist in developing faculty planning worksheets
• Cultivate an atmosphere which is civil, supportive and inclusive
• Advise students; review and act on student petitions
• Resolve student issues when necessary

Teach 16 credits over a two-year period
Participate in scholarly and creative activities
Presently there are fourteen full-time faculty, eight adjunct faculty, two staff members, and approximately 450 students in two majors (Computer Science and Computer Networking).

Job Requirements

Candidates must possess a master’s degree (doctorate preferred) in computer science or a related field, a proven track record in teaching, accomplishments in scholarly work and a strong commitment to entrepreneurial education. Teaching experience at the university level. Strong communication and interpersonal skills. Ph.D. in a related field is preferred. Prior academic administrative experience is also preferred.

To apply, please visit our online application site at http://jobs.wit.edu. Wentworth is an AA/EEO employer. Women and minorities are encouraged to apply. Wentworth is a tobacco-free campus.

Canada Excellence Research Chair in Digital Media Research and Innovation

The University of British Columbia (UBC) invites applications and nominations for a Canada Excellence Research Chair in Digital Media Research and Innovation in the UBC Institute for Computing, Information and Cognitive Systems (ICICS) http://www.icics.ubc.ca/.

The Canada Excellence Research Chairs (CERC) Program awards world-class researchers up to $10 million over seven years to establish ambitious research programs at Canadian universities http://www.serc.gc.ca/tp-pa-eng.shml. UBC has committed additional funding to a Centre for Innovation in Digital Media to bring the overall level of support for this program to $30 million, including four new faculty positions.

As the successful candidate this is your opportunity to help shape the future of digital media. Working with a team of world-class colleagues who are exploring the frontiers of a rapidly evolving field, you will be instrumental in transforming and augmenting existing strengths in digital media research. Under the founding leadership of this chair, the newly created Centre for Innovation in Digital Media will bring the overall level of support for this program to $30 million, including four new faculty positions. As the successful candidate this is your opportunity to help shape the future of digital media. Working with a team of world-class colleagues who are exploring the frontiers of a rapidly evolving field, you will be instrumental in transforming and augmenting existing strengths in digital media research. Under the founding leadership of this chair, the newly created Centre for Innovation in Digital Media will bring the overall level of support for this program to $30 million, including four new faculty positions.

The University of British Columbia is one of the world’s leading universities. Its mission is to create an exceptional learning environment that fosters global citizenship, advances a civil and sustainable society, and supports outstanding research to serve the people of British Columbia, Canada and the world. UBC offers faculty, staff and approximately 50,000 students not just intellectual riches, but an unrivaled quality of life at its Vancouver and Kelowna campuses. This position will be located in Vancouver, one of the North America’s most beautiful and dynamic cities.

The candidate is expected to be appointed at the rank of Professor, but researchers at earlier career stages are welcome to apply, and applicants from research backgrounds outside of academic institutions will be carefully considered.

UBC hires on the basis of merit and is committed to employment equity. Qualified persons are encouraged to apply. We especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities.

The University is also responsive to the needs of dual career couples. Canada Excellence Research Chairs are open to individuals of any nationality; offers will be made in accordance with Canada Immigration requirements associated with the Canada Excellence Research Chairs Program.

Interested individuals are encouraged to contact our search consultants, Barbara Morrison and Brent Cameron of Odgers Berndtson, at 1-604-685-0261, or barbara.morrison@odgersberndtson.ca for more information. To apply directly, please email to the above address a copy of your CV, publications list, and a statement of research interests.

Review of applications will begin in April/May 2013 and will continue until the position has been filled.
Professional Opportunities

Tier 2 Canada Research Chair in Medical Health Informatics

Schulich School of Medicine & Dentistry
and Faculty of Science
Western University

Western University, one of Canada’s leading research intensive universities, seeks applicants for a Tier 2 Canada Research Chair in Medical Health Informatics. In accordance with the regulations set for Tier 2 Canada Research Chairs (www.chairs-chaires.gc.ca), the candidate will be an excellent emerging scientist who has demonstrated research creativity and innovation, and the potential to achieve international recognition in the field of medical health informatics within the next five to ten years. The Candidate must propose an original and innovative research program of high quality which would attract outstanding trainees, students and future researchers.

Applicants must hold a M.D, Ph.D., M.D. /Ph.D. and/or a D.D.S or equivalent. The successful candidate will be appointed in a tenure-track appointment at the rank of Assistant Professor, or at an Associate Professor level if qualifications and experience warrant. The successful candidate will hold a joint-appointment in the appropriate Department in the Schulich School of Medicine & Dentistry and the Department of Computer Science within the Faculty of Science.

The successful candidate will be expected to establish an independent, externally funded research program. We seek candidates with a strong research record and expertise in emerging technologies and data sources to be used in solving problems in clinical care and the public health care system. Applicants are encouraged to apply who have expertise in quantitative statistical methodologies, visual analytics/data mining, healthcare databases such as Electronic Medical Records and/or software development in the context of healthcare settings. The position will allow the candidate to take a leadership role in medical health informatics, which has been identified as an emerging area of research strength at Western University.

With full time enrollment of about 32,000, Western University graduates students from a range of academic and professional programs. Further information about the Schulich School of Medicine & Dentistry can be found at www.schulich.uwo.ca, the Faculty of Science at www.uwo.ca/sci and/or at www.uwo.ca. Western’s Recruitment & Retention Office is available to assist in the transition of successful applications and their families.

The application should include a detailed curriculum vitae, brief description of current research program, accomplishments, representative publications, and the names of three references. As well, the Candidate must include a proposal for an original, innovative, and high quality research program that would attract excellent trainees, students, and future researchers. Please send the complete application to:

Dr. Moira Stewart
Committee Chair, Tier 2 CRC in Medical Health Informatics
Schulich School of Medicine & Dentistry
Centre for Studies in Family Medicine
115-100 Collip Circle
Western University
London, Ontario CANADA N6A 5C1
selection.committee@schulich.uwo.ca

Applications will be accepted until the position is filled. Review of applications will begin after June 1, 2013.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Western University is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.