

# Neuroscience-Stroke Care

## Interprofessional Certificate in Advanced Neuroscience-Stroke Care

Don't miss the opportunity to enhance your practice in Neuroscience-Stroke Care. Courses have been revised to fit the busy schedules of health professionals. Ryerson University's G. Raymond Chang School of Continuing Education has partnered with Sunnybrook Health Sciences Centre and the North & East GTA Ontario Stroke Region and Network (NEGTA OSR&N) to develop a series of courses that promote critical thinking and professional development in current and future stroke care leaders. Courses can be taken individually or as part of a post-baccalaureate interprofessional certificate program in Advanced Neuroscience-Stroke Care.

### FALL 2012 Course:

#### **Leadership in Stroke Care (CVNS 660)**

**ONLINE: September 18- December 4, 2012**

#### **Neuro-Stroke Assessment (CVNS 640)**

**ONLINE: October 2 to December 18, 2012**

### Relevant and Accessible Courses Offered in Your Workplace

This program of study offers health care providers from a variety of disciplines the opportunity to develop an advanced understanding of best evidence and interprofessional collaboration in practice across the continuum of client-centred neuroscience-stroke care. Developed by subject matter experts in both the clinical and academic fields, the curriculum ensures industry relevance and recognition. Beginning in Fall 2011, this course has been redesigned to meet the needs of busy health care professionals working in stroke care. To maximize access for health care professionals, all courses will be delivered through a combination of combination of self-study, on-line course work and videoconferencing.

### Admission Requirements

A baccalaureate degree or equivalent in a health-related field of study and a minimum of one year's related professional experience in neuroscience-stroke care. If an applicant has experience in neuroscience-stroke care and/or is in the process of completing a baccalaureate degree or equivalent, the academic coordinator will assess the applicant's work experience and academic credentials to determine the applicant's admissibility to the program.

### Why study with The G. Raymond Chang School of Continuing Education?

Ryerson's Chang School is Canada's leading provider of university-based continuing education for adults, with annual enrollments of approximately 70,000. We are leaders in flexible learning options, offering 77 certificate programs and more than 1,400 professionally relevant courses to individuals and organizations, including business and government.

### Advanced Neuroscience-Stroke Certificate Courses

#### **'Health Promotion and Paradigms' (CVNS 620)**

This course is designed for health care professionals, health educators, and those with functional management responsibilities from all health disciplines interested in advancing health promotion, risk factor management, and chronic illness prevention within the Ontario Stroke System. The purpose of this course is to develop core competencies in health promotion and prevention of transient ischemic attack and stroke in an interprofessional context across the continuum of stroke care.

#### **'Critical Appraisal of Evidence' (CVNS 600)**

Prerequisite: Department Consent

This course will provide interprofessional health care providers who have an interest in a neuroscience-stroke specialty with the knowledge and skills required to critically appraise evidence to inform and apply findings to practice. Course content will be taught in the context of the interprofessional team and will be directly applicable to the delivery of patient-centered care. This course is designed to engage students in interactive, application-focused learning.

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### **'Brain Structures and Cognition' (CVNS 630)**

This course provides an advanced knowledge of brain structure, function, consequences of brain injury, and related clinical applications for interprofessional neuroscience-stroke settings. The main focus of this course is on the organization of the human brain and the role of the brain in motor control, attention, language, memory, executive function, and emotion. The course is designed to engage learners in interactive, application-focused learning. Equivalent to PSY 434.

### **'Neuro-Stroke Assessment' (CVNS 640)**

Prerequisite: Department Consent

This course will provide information for the development of clinical core competencies and knowledge important in neuroscience-stroke assessment for complex stroke clients and their families. This course will promote the utilization of emerging best practice and evidence and will examine domains of neuroanatomy, neurophysiology, and assessment to support client, goal setting, care interventions, and complex stroke recovery decision making by interprofessionals practicing in the neuroscience stroke care continuum.

### **'Client Stroke Rehabilitation Recovery' (CVNS 650)**

This course provides information for the development of clinical core competencies and knowledge in rehabilitative care, recovery and life re-engagement planning for complex stroke clients and their families. By promoting the use of emerging best practice and evidence in neuroscience-stroke care, this course will examine areas essential to the philosophy of stroke recovery, assessments for goal setting, current treatments, and care interventions for use by interprofessionals practicing in the neuroscience stroke care continuum.

### **'Leadership in Stroke Care' (CVNS 660)**

This course establishes foundational knowledge of the theory research and practice of transformational and situational leadership important in inter-professional collaboration. Grounded in the realities within neuroscience-stroke care settings, students will examine the topics of power and influence, communication, diversity, conflict management, decision making and problem solving, team effectiveness, altering behaviour, and change management.

**Note:** For courses listed above, Ontario Telemedicine Network (OTN) Videoconference/ Internet delivery takes place via two-way video conferencing systems at various site locations (dates and times - TBA) plus a mandatory weekly Internet component. For more information regarding scheduling, please visit [www.ryerson.ca/ce/neuroscience-stroke](http://www.ryerson.ca/ce/neuroscience-stroke).

### **Participating OTN Sites**

For a current list of participating Ontario Telemedicine sites please visit our web site at [www.ryerson.ca/ce/neuroscience-stroke](http://www.ryerson.ca/ce/neuroscience-stroke). Space is available for additional locations. If you are a health care professional and you are interested in enrolling your organization as a site, please contact [ceneuroscience@ryerson.ca](mailto:ceneuroscience@ryerson.ca).

### **Ready to enroll?**

Space is limited, so early enrollment is recommended. To apply for a course offering:

1. Visit our website at [www.ryerson.ca/ce/neuroscience-stroke](http://www.ryerson.ca/ce/neuroscience-stroke).
2. Print out and complete the 'Eligibility for Registration Form' PDF.
3. FAX the form with a copy of your resumé (max. length 4 pages) to 416.542.5878.

### **For More Information**

Additional information about this educational initiative is available online at [www.ryerson.ca/ce/neuroscience-stroke](http://www.ryerson.ca/ce/neuroscience-stroke). For further details, please contact Paula Mastrilli, Program Coordinator, at 416.979.5000, ext. 2061, or [pmastril@ryerson.ca](mailto:pmastril@ryerson.ca) or [ceneuroscience@ryerson.ca](mailto:ceneuroscience@ryerson.ca).

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