

# Hands-on Workshop in Bioinformatics

## ABOUT THE COURSE

This **hands-on** course will give students a basic review of fundamental concepts in bioinformatics as well as basic hands-on experience in the use of industry-standard bioinformatics software to allow them to find, organize and interpret genetic data. By the end of the course, students will have taken a genetic sequence and used industry-standard software to arrive at a final protein sequence/structure.

## WHO CAN BENEFIT ?

- ✓ Biotechnology professionals and managers seeking an applied introduction to the area of bioinformatics.
- ✓ Research technologists and assistants wishing to apply basic bioinformatics tools to enhance their research and laboratory expertise.
- ✓ Computer professionals wishing to expand their skills and experience into the high-demand and expanding field of bioinformatics.
- ✓ Researchers interested in applying basic bioinformatics in their laboratory work.

## COURSE CONTENT

- From DNA sequencing to comparison with DNA BLAST
- DNA Database retrieval: searching databases and analyzing results
- Database use and comparison
- Gene prediction and ORF analysis
- Predicting 3-D protein structure: viewing and editing results

## ABOUT THE INSTRUCTOR

**Diane Bergeron, Professor of Biochemistry, La Cité Collégiale.** After completing her B.Sc. at the University of Ottawa, Diane worked in the field of AIDS research for the Ministry of Health. She later became a professor of biochemistry at Algonquin College, and later moved to La Cité Collégiale. Diane was instrumental in the development of the applied degree in Biotechnology offered at La Cité, and teaches in bioinformatics, a field she specializes in.

## WHEN ?

March 3 & 4, 2003, 8:30 am – 4:30 pm

## WHERE ?

La Cité Collégiale  
801 Aviation Parkway  
Ottawa, ON (Room TBA)

## COST

\$ 856 (CDN, GST included)

15% discount for more than one (1) person from the same company

15% discount for research and laboratory technicians and graduate students /postdocs

"Early-bird" discount of 10% if application received before Feb. 14, 2002

## REGISTRATION

Please fill in the reverse side of this pamphlet and fax it to 613-746-6653 or visit [www.vitesse.ca](http://www.vitesse.ca)

## DEADLINE

Feb. 24, 2003



**Get in early on this exciting new field!**

**[www.vitesse.ca](http://www.vitesse.ca)**

# REGISTRATION

Please include a separate application form and fee for each individual.  
Fax: 613-746-6653

## COURSE FEE

	Item	Cost
✓	Hands-on Workshop in Bioinformatics	\$856.00 (\$800.00 CDN +\$ 65 GST)
	Subtract 15% of total (make sure to include GST) for registration of more than 1 person from the same company* (\$128.00) Subtract 15% for researchers, faculty members and students (\$128.00) "Early Bird" discount of 10% if application is received before February 14, 2003	
	<b>TOTAL:</b>	

\*Authorization Information (for confirmation):

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

## PAYMENT INFORMATION

<input type="checkbox"/> Cheque (made payable to: Vitesse (Re-Skilling) Canada Inc.)
Credit Cardholder's Name (please print): _____
<input type="checkbox"/> Visa _____ expiry date _____
<input type="checkbox"/> Mastercard _____ expiry date _____
<input type="checkbox"/> Amex _____
Credit Card Number: _____
Signature: _____

## PERSONAL DATA

Title:	<input type="checkbox"/> Mr.	<input type="checkbox"/> Mrs.	<input type="checkbox"/> Ms.	<input type="checkbox"/> Miss	Other _____
Last Name			First Name		Middle Initial
Address			City		Province
Postal Code	Telephone (Home)	Telephone (Work)	E-mail		