'396' Undergraduate Research Project Application Form       Office for Undergraduate Research in Science         Version: 200603       Tel.: 514-398-5964 / Fax: 514-398-8102 / Dawson Hall, Room 211					
<ul> <li>INSTRUCTIONS FOR SUPERVISORS</li> <li>All fields are required, unless indicated otherwise.</li> <li>Form available in Word and LaTeX formats.</li> <li>Complete Sections A &amp; B electronically.</li> <li>Email to <u>victor.chisholm@mcgill.ca</u> who will post as PDF on <u>www.mcgill.ca/science/ours/396/</u>.</li> </ul>		<ul> <li>INSTRUCTIONS FOR STUDENTS</li> <li>All fields are required, unless indicated otherwise.</li> <li>Download and print this form. Complete Section C and sign.</li> <li>See "How students can apply" instructions in Section B.</li> <li>Your supervisor or department will tell you if you are selected for this project. If so, you will receive a code to register for a '396' course on MINERVA.</li> </ul>			
SECTION A: SU	PERVISOR INFORMATION				
Name:	Terence Coderre (Co-advisor: Catherine Bushnell)	Email:	terence.coderre@mcgil catherine.bushnell@mc	<u>l.ca</u> gill.ca	
Phone:	514-398-5773	Website:			
Supervisor's Department or		Course Number			
Unit:	Psychology		PSYC396		
SECTION B. PR	O JECT INFORMATION				
SECTION D. T.K			Project sta	art	
Term:	Winter 2007		& end date	es: January	3-April 30, 2007
Project title:	Natural basis of attentional and emotional mo	dulation of pa	ain		
Project description:	This project involves the analysis of functional and anatomical magnetic resonance imaging (MRI) data that were collected in a cohort of healthy volunteers. Experimental heat pain was presented while the subjects attended to or were distracted from the painful stimuli, as well as when the subjects were in a positive or negative emotional state. The student will examine differences in pain-evoked neural activation during these different psychological conditions. If time allows, she will also examine structural differences in the brains of subjects whose pain was highly influenced by each psychological manipulation and those who had little effect of psychological state on pain perception.				
Prerequisites:	1 term completed at McGill + CGPA ≥ 3.0; or	permission of	f instructor.		
Grading scheme:	The final report will be worth 50% of the final grade. The other 50% will be based on the student's performance in the lab. After analyzing the data, the student will write a report about the findings; the report will include a literature review of psychological modulation of pain (5-10 double spaced pages) and will include at least 10 references.				
Other:					
Status:	Mark with an x. This project is       Ethics,       Which of the following, if any, is involved? Mark with an x.         [] Open to applicants       safety,       [] Animal subjects         [x] Already taken; no more positions available this term       and       [x] Human subjects (Student will only analyze data and will not be working directly with human subjects)         [] Taken, but contact me for other possible projects this term       [] Biohazardous substances       [] Radioactive materials         [] Handling chemicals       [] Using lasers				
How students can apply:	Bring this application form and your advising transcript to me during office hours.				
SECTION C: STUDENT INFORMATION. (1) PRINT LEGIBLY AND SIGN. (2) SEE "HOW STUDENTS CAN APPLY" IN SECTION B.					
Name:				MCGIII ID:	
Email:	@mail.mcgill.c	ca		Phone: Level:	
Program:	d for another 396 course in this term	(e.g., B.Sc. M	laj. Chem. Minor Biology)	(circle one)	00 / 01 / 02 / 03
	Student signature:			Date:	
SECTION D: AP SCIENCE. (3) G	PROVALS. (1) PRINT NAMES & SIGN. IVE STUDENT CODE TO REGISTER FO	. <b>(2) N</b> oti r course	FY OFFICE FOR UND ON MINERVA.	ERGRADUAT	ERESEARCH IN
	Supervisor:			Date:	
Unit Chair, Director, or designate - I certify that this project conforms to departmental				Date:	
requirements for 396 courses.				-	