

# JACQUES BÉLAIR

## TRAINING OF HIGHLY QUALIFIED PERSONAL

### Postdoctoral Fellows

MICHÈLE TITCOMBE, *Modelling of erythropoiesis*, 2003 - 2005  
LUCIANO BUONO, *Biomedical modelling*, 2001 - 2004  
MICHAEL LI, *Global attractors*, 1993 - 1994  
SUE ANN CAMPBELL, *Normal forms in delayed differential equations*, 1990 - 1991

### PhD students

ELENA EKIMOVA, *Teaching of geometry in elementary schools (didactics)*, [co-supervision with France Caron (didactics)], 2006  
SAMUEL BERNARD, *Modelling of haematopoiesis and functional differential equations (mathematics)*, [co-supervision with Michael Mackey (physiology, McGill)], 2003  
VINCENT LEMAIRE, *Modelling of drug administration and absorption (physics)*, 2003

### Masters' students

MARCELA MOLINIÉ, *Coupled Fitzhugh-Nagumo Oscillators*, 2012  
ÉMILIE KAUFMANN, *Metabolic Modeling*, [Exchange student from Université de Strasbourg], 2009  
FRANÇOIS GRÉGOIRE-LACOSTE, *Artificial neural networks*, 2006  
STEVEN SANCHE, *Dynamics of bacterial colonisation in swines*, 2005  
NICOLAS DOYON, *Modelling of atrial flutter*, 2003  
PATRICK LAFRANCE, *Spatial effects in pharmacokinetic modelling*, [co-supervision with Fahima Nekka (pharmacy, U de M)], 2001  
SIMON GUILLOTTE, *Circadian rhythms and pharmacokinetics*, 2001  
OLIVIER LAREAU, *Ionic model for atrial cells*, 2001  
SAMUEL BERNARD, *Distributed delays and stability in population models*, 2000  
JEAN-FRANÇOIS VANIER, *Periodicity in measles epidemic cycles in Québec*, 1998  
LEONARD OLEIN, *Bistability and monotonicity in neural networks (mathematics - McGill)*, 1996  
ISABELLE JULIEN, *Coupled Wilson-Cowan oscillators*, 1995  
CYRILLE RUSTOM, *Numerical calculation of power spectrum exponents*, 1995  
STEVEN DUFOUR, *Stability in delayed neural networks*, 1994  
PIERRE DUMAS, *Biological oscillators*, 1992  
DARIOUCH BABAI, *A delayed differential equation modeling physiological processes*, 1990  
EUSÉBIA MORAIS, *Interacting cardiac pacemakers*, 1989

### Undergraduate students

FLORENCE VÉRONNEAU-VEILLEUX, *Circadian pharmacokinetics*, 2013  
LOUIS-XAVIER PROULX, *Periodicity in infectious diseases*, 2008  
BENOIT ARBOUR, *Periodic differential equations*, 2000  
PHILIPPE LAROCHE, *Stefensen's method*, 1996  
JÉRÔME FOURNIER, *Fractals and iterated function systems*, 1994  
CYRILLE RUSTOM, *Power spectrum decay*, 1992  
PIERRE DUMAS, *Entrainment in an integrate-and-fire oscillator*, 1990