

Married to Janet Storey

2 daughters (Melody & Maggie)

Education:

- B.Sc. (First Class Honours) Biochemistry, University of Calgary, 1971
 - Ph.D. Zoology, University of British

Columbia, 1974

Living location: Ottawa, Ontario Canada

Awards/accomplishments: 860 research

publications, 30 organized symposiums, Flavelle Medal (2010), Royal Society of Canada, holds the

Canada Research Chair in Molecular Physiology, 2016

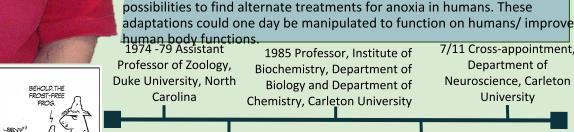
Carleton University Research Achievement Award (also 2008, 2003, 1998, 1992, and 1989), and was

elected as follow of the Society for Cryobiology.









2001 Canada Research Chair 1979 -85 Associate Professor of Biochemistry and Biology, Carleton in Molecular Physiology (Tier



1), Carleton University University, Ottawa

7/11 Cross-appointment,

Department of

Neuroscience, Carleton

University

High levels of sugars are stored in cells to maintain cell volume, to impede

homeostasis and prevent crystallization of water molecules that could harm

the animal's body. These adaptations, including metabolism decreasing help

keep the animal alive despite being frozen. These findings could be applied

in the medical field during human organ transplants and have proven that

metabolism does not occur at a fixed rate for all animals. This opens up

cell from freezing, and support the cell proteins. The proteins aid in