

# Health Research: The Science of Hope

WE WISH • WE HOPE • WE WONDER  
research – treatment – cures

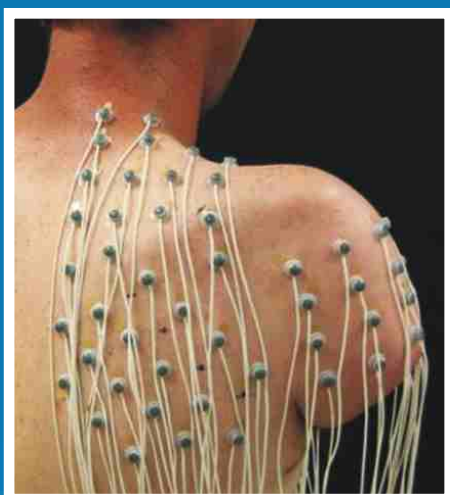
## Dr. Kevin Englehart

Director of the Institute of Biomedical Engineering ([www.unb.ca/biomed](http://www.unb.ca/biomed))  
and Tenured Professor of Electrical and Computer Engineering at the  
University of New Brunswick (UNB) – ([www.ece.unb.ca/kengleha/](http://www.ece.unb.ca/kengleha/))

I am **FOR ALL NEW BRUNSWICK**

Dr. Englehart is a homegrown scholar, obtaining his Bachelor's and Master's degree in Electrical Engineering (1988 and 1991) and PhD in Biomedical Engineering (1998) at the University of New Brunswick. He is an Associate Editor for the IEEE Transactions on Neural Systems and Rehabilitation and serves on several journal review committees. He is (or has been) a grant selection and appeal committee member at the National Science and Engineering Research Council (NSERC), the Canadian Institutes of Health Research (CIHR), the U.S National Institutes of Health, the Hong Kong Research Grants Council, and the Italian National Institute of Health. He is also involved in organizational review and international collaboration activities.

His areas of research are Rehabilitation and Care Services and Transmission and Processing of Biological Signals as applicable in biomedical aspects of human health. Specific research interests relate to biomedical signal processing, myoelectric signal analysis, prosthetic control, and assistive devices. Recently, he has worked to translate his research into clinical practice, delivering presentations to the Canadian Parliament, to the Canadian Embassy in Washington, and a TEDx talk at UNB ([www.youtube.com/watch?v=B44gP70tJ7w](http://www.youtube.com/watch?v=B44gP70tJ7w)).



Over 15 years, Dr. Englehart has:

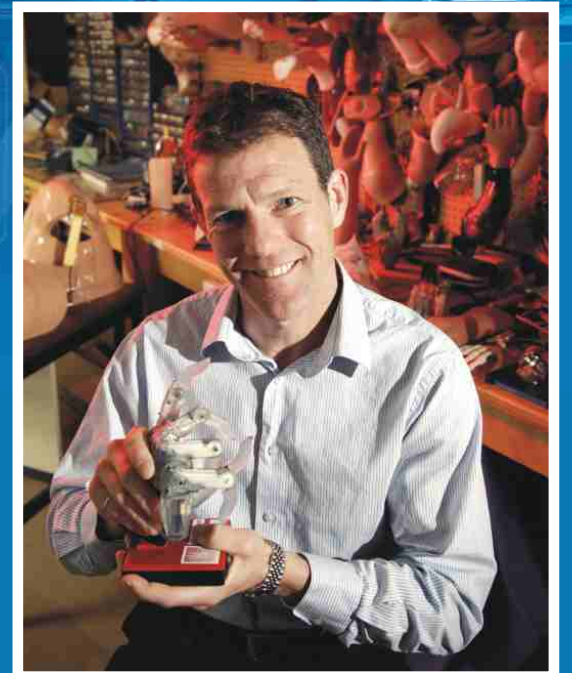
- Attracted over \$4.7M in health research funding
- Trained and mentored 43 graduate and undergraduate students and 17 staff
- Contributed 150 national and international peer-reviewed and conference articles and presentations, seven book chapters and he has 3 licenses in negotiation

## Because Health Research Means Better Health Care

Dedicated researchers like Dr. Englehart contribute to the global effort to improve the quality of life of New Brunswickers. Under his leadership, the Institute (IBME) helps to establish a biomedical health research environment that enables UNB students to become the talented health researchers of tomorrow.

Please join us in saluting Dr. Englehart.

[www.nbhrf.com/  
nb-health-researcher-month](http://www.nbhrf.com/nb-health-researcher-month)



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