**Service Dossier of**

**Douglas Edward Barre**

**Service Objectives:**

**Internal Objectives**

1. to contribute to having Cape Breton University meet its objectives in teaching, research and service via sitting on committees and participating in other activities that fulfill CBU’s objectives in those areas
2. to work collaboratively with others in the pursuit of CBU’s objectives
3. to help others (especially those new) at CBU to learn about CBU’s objectives and how to assist in meeting those objectives

**External Objectives**

1. to promote teaching, research and service activities done by CBU so as to promote CBU including recruitment
2. give talks to others working in my field and to members of the general public about my research and type 2 diabetes in general
3. review grants, papers submitted for peer review and other documents
4. to help the general public and professionals in Cape Breton Regional Municipality and beyond gain a better awareness of CBU and its work

**Internal Service**

**Administrative positions held**

**July 2018-present-member-** Cape Breton University Senate Executive Committee

**July 2018-present- chair-** Cape Breton University Senate Research Committee

**July 2017-August 2017-chair-**committee on development of a B.Sc. in Health and Medical Sciences

**March 2017-June 2017-member-**committee on development of a B.Sc. in Health and Medical Sciences

**September 2014-June 2015-chair-** Senate standing committee on research

**July 2013-June 2014 - chair** of the School of Professional Studies

**September 2013-February 2014** **co-chair (with Maureen Finlayson)-**Quality assurance committee of SPS (representing Health Sciences and Emergency Management,

**June-August 2011-** Selection committee for a nurse practice educator at CBU, **chair**,

**July 2011-June 2013; July 2014-present-vice-chair** of the School of Education and Wellness

**April 2010 – chair,** roundtable discussion on collaborative research at the 8th annual Cape Breton Health Research Symposium entitled “Collaboration: A Key to Opening the Doors to Research”

**April-June 2008- chair**- Committee to hire replacement instructors for a sabbatical leave

**January 2006-presemt** -**vice-chair**, Department of Health Sciences and Emergency Management at Cape Breton University

**September 2005-September 2006, vice chair,** B.Sc. degree committee

**Special contributions to the administrative work of the Department, School or the University**

Regularly attended and contributed to departmental meetings; regularly available for student counselling during the summers at other times during 2002-present inclusive (including all day registration blitz sessions in August 2002, 2004, 2007 and July and August 2003, 2005, 2006)

I have shared, continuously, my expertise, laboratory facilities, and space with other faculty and staff at Cape Breton University.

**June 2018-August 2018-**provided written comments to the Committee developing a Strategic Plan for Cape Breton University

**June 2014** -provided written comments to Dr. Wheeler, Gordon MacInnis and Dr. Dale Keefe regarding building a robust department of Health Sciences and Emergency Management after their meeting with that department.

**June 2014**- provided written comments to Dr. Wheeler, Gordon MacInnis and Dale Keefe regarding building a robust department of Chemistry after their meeting with that department.

**January 2014-** provided suggestions via email to Dr. Wheeler on student enrollment including international student enrollment

**November 2013-**provided written input on future strategic directions for CBU to the CBU president

#### Participation in professionial, disciplinary, academic or administrative organisations, or associations including such things as positions held, committee memberships

#### Professional Societies

Faculty advisor, Canadian Society for Nutritional Sciences- February 2014-present  
Clinical and Scientific Section, Canadian Diabetes Association, July 2014-present

#### Participation in professionial, disciplinary, academic or administrative organisations, or associations including such things as positions held, committee memberships

**Committee work**

Food Service Committee, member, October 2019-present

Probation, Promotion and Tenure committee, member, July 2019-present

Cape Breton University Senate Executive Committee, member, July 2018-present

Cape Breton University Senate Committee on Research, **chair**, July 2018-present

Cape Breton University Biosafety Committee, January 2018-present

School of Professional Studies, Research and Scholarship Committee, member, January 2018-present

School of Professional Studies, Bylaws Committee, member, March-April 2017

Education Department, term faculty position selection committee, member, May- June 2016

Enrollment Services Initiative Committee, member, March 2016-present

School of Professional Studies-Research Conference Travel Fund Committee, member, February 2016-present

Executive committee of senate, member, September 2014- June 2015

Probation, Promotion and Tenure committee (to complete the term of Dr. Jane Lewis who became interim dean of the School of Professional Studies on 1 February 2014 and hence could no longer serve as a faculty representative on the Probation, Promotion and Tenure committee), member, Feb.-March 2014)

School of Professional studies academic committee member, December 2013-present

Quality assurance committee of SPS (representing Health Sciences and Emergency Management, **co-chair (with Maureen Finlayson),** September 2013-February 2014, member, May 2012-February 2014

Search committee,organic chemistry, maternity leave position, member, April-May 2012

Senate standing committee on research, member**,** September 2011-June 2015; **Chair,** September 2014-June 2015

Senate, member, September 2011-present

Selection committee for emergency management faculty position in Health Studies, member, July - August 2011

Selection committee for a nurse practice educator at CBU, **chair**, June -August 2011

Nursing curriculum advisory committee, member, September 2010-2016

University Senate Budget Advisory Committee, member, September 2010-present

Performance Review Committee for School of Graduate and Professional Studies- member July 2010-present

B.Sc. Nursing degree committee-Chemistry Department representative, member, April 2010-December 2013

Committee designed to improve the content of courses offered and to be offered in the Sport and Human Kinetics aspect of the BACS programme at CBU, member, November 2009- present

Senate, member, September 2007- June 2008

By-laws committee of the CBU Senate. member, September 2007- June 2008

B.Tech. degree committee, member, April 2006-June 2008

Sabbatical and Industrial Leave Committee (SAIL) committee at CBU member, April 2006-June 2008

Probation, Promotion and Tenure (PPT) Committee at CBU, member, April 2006-June 2008

By-laws committee of the CBU academic council, member, October 2005-August 2007

CBU Academic council (replaced by Senate in September 2007) representing the Department of Health Studies, member October 2005-August 2007

Committee to hire replacement instructors for a sabbatical leave **-chair**- April-June 2008

Selection committee for a term Biology department faculty position (January to April 2006), member, October 2005

Bylaws committee of the CBU academic committee, member, October 2005- August 2007

B.Sc. degree committee, **vice chair**, September 2005-September 2006

Webpage committee for the Department of Biology, member, October 2004-September 2005

CBU recruitment advisory committee, member June 2004-June 2005

CBU Web advisory committee, member, June 2004-June 2005

Selection committee for two tenure track faculty positions (parasitology/molecular biology) in Biology, member June-July 2003

B.Sc. Nursing programme degree committee, member, April 2003-November 2013

Selection committee for tenure track faculty position (biodiversity) in Biology, member, March-May 2003

B.Sc. degree committee, member, January 2003-September 2006

Selection committee for school secretary for Physical and Applied Sciences and Life Sciences, member, January 2003

Selection committee for the term (January to April 2003) faculty position in animal behaviour, member, December 2002

Close cognates committee for Behavioural and Life Sciences Member, member, February 2002-May 2002

**Service to the community at large which has relevance to my disciplinary or scholarly expertise**

**Journal articles and grants peer reviewed**

**Grants reviewed**

**January 2021-** Reviewed a grant application for MITACS Accelerate Research Programme funding

**July 2018-** Re-reviewed a grant application for MITACS Accelerate Research Programme funding

**February 2018-** Re-reviewed a grant application for MITACS Accelerate Research Programme funding that I initially reviewed in December 2017

**December 2017-** Reviewed a grant application for MITACS Accelerate Research Programme funding

**April 2017-** Reviewed a grant application for MITACS Accelerate Research Programme funding

**August 2015-** Reviewed a grant application for MITACS Converge Project funding

**May 2015-**Reviewed a grant application for the Nova Scotia Health Research Foundation

**March 2015 -**Reviewed a grant application for MITACS funding

**April 2011-** Member of the **CIHR Emerging Team Grant: Rare Diseases Committee** (reviewed grant applications to that committee in advance of and during and after a meeting held in Ottawa 6-8 April 2011)-**co-reviewed 6 grant applications**

**August 2009** -Reviewed a grant application for a competitive Wellcome Trust funded post-doctoral position

**May 2008**-Reviewed a grant application to the Poultry Industry Council of Canada

**February 1991-**Co-reviewed a grant submission to the Medical Research Council of Canada

**Selected to evaluate the work of other academics and professionals by, for example, by:**

**Reviewing articles for publication**

**July 2021-** re-reviewed a paper for the *Journal of Diabetes and its Complications* that I had initially reviewed in March 2021

**April 2021-** reviewed a paper for the *Journal of Natural Products*

**March 2021-** reviewed a paper for the journal *Appetite*

**March 2021-** reviewed a paper for the *Journal of Diabetes and its Complications*

**December 2020-** re-reviewed a paper for the *Journal of Diabetes and its Complications* that I had initially reviewed in October 2020

**November 2020-** re**-**reviewed a paper for the *Journal of Clinical Medicine* that I had re-reviewed in October 2020 and had initially reviewed in August 2020

**October 2020-** reviewed a paper for the *Journal of Diabetes and its Complications*

**October 2020-** re**-**reviewed a paper for the *Journal of Clinical Medicine* that I had initially reviewed in August 2020

**August 2020-**reviewed a paper for the *Journal of Clinical Medicine*

**August 2020 -** Re-reviewed a paper forthe journal *Appetite* that I had initially reviewed in November 2019 and then re-reviewed in December 2020

**August 2020-**reviewed a paper for the *Canadian Journal of Diabetes*

**July 2020 –** re-reviewed a paper for the *Journal of Diabetes and its Complications* that I had initially reviewed in June 2020

**June 2020 -** reviewed a paper for the *Journal of Diabetes and its Complications*

**May 2020-** re-reviewed a paper for the *Journal of Diabetes and its Complications* that I had initially reviewed in April 2020

**April 2020 -** reviewed a paper for the *Journal of Diabetes and its Complications*

**April 2020-**Re-reviewed a paper for the journal *Nutrition and Metabolic Insights* that I had initially reviewed in February 2020

**February 2020-** Reviewed a paper forthe journal *Nutrition and Metabolic Insights*

**December 2019 -** Re-reviewed a paper forthe journal *Appetite* that I had initially reviewed in November 2019

**November 2019 -** Reviewed a paper forthe journal *Appetite*

**October 2019-** re-reviewed a paper forthe *International Journal of Vitamin and Nutrition Research* that I had reviewed in September 2019

**September 2019 -** reviewed a paper forthe *International Journal of Vitamin and Nutrition Research*

**June 2019-** Re-reviewed a paper forthe journal *Appetite* that I had initially reviewed in February 2019 and then re-reviewed in May 2019

**May 2019 -** Re-reviewed a paper forthe journal *Appetite* that I had initially reviewed in February 2019

**February 2019 -** Reviewed a paper forthe journal *Appetite*

**September 2018-** reviewed a paper forthe journal *Nutritional Neuroscience*

**February 2018-**reviewed a paper forthe *British Journal of Nutrition*

**January 2018-**re-reviewed a paper for the journal *Metabolism* that I had initially reviewed in September 2017

**December 2017-** re-reviewed a paper forthe journal *Hormones* that I had initially reviewed in October 2017

**December 2017-** re-reviewed a paper forthe *Journal of Diabetes and it Complications* that I had initially reviewed in August 2017

**November 2017 -** Reviewed a paper forthe *International Journal of Vitamin and Nutrition Research*

**October 2017-** reviewed a paper for the journal *PLOS ONE*

**October 2017-**reviewed a paper for the journal *Hormones*

**September 2017-**reviewed a paper for the journal *Metabolism*

**September 2017-**reviewed a paper for the *European Journal of Clinical Nutrition*

**August 2017-** reviewed a paper for the *Journal of Diabetes and its Complications*

**July 2017-**reviewed a paper for the *Journal of Diabetes and its Complications*

**November 2016 -** Re-reviewed a paper forthe journal *Metabolism* that I had originally reviewed in October 2016

**October 2016 -** Reviewed a paper forthe journal *Metabolism*

**September 2016 -** Re-reviewed a paper forthe journal *Metabolism* that I had initially reviewed in May 2016

**September 2016-** Re-reviewed a paper for *Nutrition Research* that I had originally reviewed in May 2016 and then re-reviewed in August 2016

**August 2016-** Re-reviewed a paper for *Nutrition Research* that I had originally reviewed in May 2016

**July 2016 -** Re-reviewed a paper forthe *Journal of Diabetes and its Complications* that I had originally reviewed in May 2016

**July 2016 -** Re-reviewed a paper forthe journal *Appetite* that I had originally reviewed in January and re-reviewed in May 2016

**June 2016-** Re-reviewed a paper forthe *International Journal of Vitamin and Nutrition Research* that I had initially reviewed in May 2016

**May 2016 -** Reviewed a paper forthe journal *Nutrition Research*

**May 2016 -** Reviewed a paper forthe *Journal of Diabetes and its Complications*

**May 2016 -** Reviewed a paper forthe journal *Metabolism*

**May 2016 –** Re-reviewed a paper forthe journal *Appetite* that I had originally reviewed in January 2016

**May 2016 -** Reviewed a paper forthe *International Journal of Vitamin and Nutrition Research*

**April 2016 -** Reviewed a paper forthe journal *Metabolism*

**March 2016 -** Re-reviewed a paper forthe journal the *Journal of Diabetes and its Complications* that I had originally reviewed in January 2016 and then re-reviewed earlier in March 2016

**March 2016 -** Re-reviewed a paper forthe journal the *Journal of Diabetes and its Complications* that I had originally reviewed in January 2016

**March 2016 -** Re-reviewed a paper forthe journal *Appetite* that I had originally reviewed in December 2015

**March 2016 -** Re-reviewed a paper forthe journal *Appetite* that I had originally reviewed in December 2015

**February 2016 -** Reviewed a paper forthe *Journal of Diabetes and its Complications*

**January 2016 -** Reviewed a paper forthe journal *Metabolism*

**January 2016 -** Reviewed a paper forthe journal *Appetite*

**January 2016 -** Reviewed a paper forthe *Journal of Diabetes and its Complications*

**December 2015 -** Reviewed a paper forthe journal *Appetite*

**December 2015 -** Reviewed a paper forthe *Journal of Diabetes and its Complications*

**November 2015-** Reviewed a paper forthe journal *Metabolism*

**November 2015 -** Reviewed a paper (revised first paper in November 2015) forthe *Journal of Diabetes and its Complications*

**November 2015 -** Reviewed a paper forthe *Journal of Diabetes and its Complications*

**October 2015 -** Reviewed a second paper (different from the first paper in October 2015) forthe *Journal of Diabetes and its Complications*

**October 2015 -** Reviewed a paper forthe *Journal of Diabetes and its Complications*

**September 2015-** Reviewed a second (different from the first paper in September 2015) forthe journal *Metabolism*

**September 2015-** Reviewed a paper forthe journal *Metabolism*

**August 2015 -** Reviewed a paper forthe journal *Lipid Insights*

**August 2015 -** Reviewed a paper forthe *Journal of Diabetes and its Complications*

**July 2015 -** Reviewed a paper forthe *Journal of Diabetes and its Complications*

**June 2015-**Reviewed a paper forthe journal *Metabolism*

**May 2015**-Reviewed a paper forthe *Journal of Diabetes and its Complications*

**May 2015­-**Reviewed a paper forthe journal *Metabolism*

**March 2015-**Reviewed a paper forthe *International Journal of Health Sciences*

**March 2015-**Reviewed a paper forthe *Journal of Diabetes and its Complications*

**March 2015-**Reviewed two papers forthe journal *Metabolism*

**March 2015 -**Reviewed a grant application for MITACS funding

**March 2015-**Reviewed a paper forthe *Journal of Diabetes and its Complications*

**March 2015-**Reviewed a paper forthe journal *Metabolism*

**March 2015 -**Reviewed a grant application for MITACS funding

**January 2015-** Reviewed a paper forthe journal *Lipid Insights*

**December 2014-**Reviewed a paper for the journal *Molecular Nutrition and Food Research*

**October 2014-**Reviewed a paper forthe *Journal of Diabetes and its Complications*

**October 2014-** reviewed a paper forthe journal *Metabolism*

**August 2014-**reviewed a paper forthe journal *Appetite*

**August 2014-**reviewed a paper forthe journal *Metabolism*

**June 2014-**reviewed a paper for the *Journal of Food Chemistry and Nutrition*

**June 2014-**re-reviewed a paper forthe *European Journal of Clinical Nutrition* that I had initially reviewed in May 2014

**June 2014-**re-reviewed a paper (third re-review) forthe journal *Metabolism* I had initially reviewed in January 2014 and then re- reviewed in April 2014 and again in May 2014

**May 2014-**re-reviewed a paper forthe journal *Metabolism* that I had initially reviewed in

**May 2014-**reviewed a paper for the*Journal of**Diabetes and its Complications*

**May 2014-**re-reviewed a paper forthe journal *Metabolism* I had initially reviewed in January 2014 and then re-reviewed in April 2014

**May 2014-**reviewed a paper forthe *European Journal of Clinical Nutrition*

**April 2014**-reviewed a paper forthe journal *Hormone and Metabolic Research*

**April 2014 -**re-reviewed a paper forthe journal *Metabolism* I had initially reviewed in January 2014

**March 2014-**reviewed a paper forthe journal *Metabolism*

**February 2014-**re-reviewed a paper forthe *Journal of**Diabetes and its Complications* I had initially reviewed in December 2013 and then re-reviewed in January 2014

**February 2014-**reviewed a paper forthe journal *Lipid Insights*

**January 2014-**reviewed a paper forthe journal *Metabolism*

**January 2014 -**re-reviewed a paper forthe *Journal of**Diabetes and its Complications* I had initially reviewed in December 2013

**December 2013-**reviewed a paper for the*Journal of**Diabetes and its Complications*

**November 2013-r**eviewed a paper for the *Journal of Public Health and Epidemiology*

**October 2013 -**reviewed a paper for the *Journal of the American College of Nutrition*

**September 2013-**re-reviewed a paper for the journal *Hormone and Metabolic Research* I had initially reviewed in May 2013

**September 2013-** re-reviewed again a paper for the journal *Metabolism* I had initially reviewed in May 2013

**September 2013-**re-reviewed a paper for the *Journal of* *Diabetes and its Complications* I had initially reviewed in June 2013

**September 2013-**reviewed a paper for thejournal *Metabolism*

**August 2013-**re-reviewed a paper for the journal *Metabolism* I had initially reviewed in May 2013

**July 2013-**reviewed a paperfor the *International Journal of Food Sciences and Nutrition*

**June 2013-**reviewed a paper for the*Journal of**Diabetes and its Complications*

**May 2013-**reviewed a paper for the journal *Metabolism*

**May 2013-**reviewed a paper for the journal *Hormone and Metabolic Research*

**March 2013 -**re-reviewed a paper *European Journal of Clinical Nutrition* I had initially reviewed in February 2013

**March 2013-**reviewed a paper for the journal *Lipids Insights*

**February 2013-**reviewed a paper for thejournal *Metabolism*

**February 2013-**reviewed a paper for the*European Journal of Clinical Nutrition*

**February 2013-**reviewed a paper for the*Journal of**Diabetes and its Complications*

**January 2013-**reviewed a paper for the journal *Hormone and Metabolic Research*

**December 2012-**re-reviewed a paper for the journal *Metabolism* that I had initially reviewed in October 2012

**December 2012-**reviewed a paper for the journal *Metabolism*

**November 2012-**reviewed a paper for the journal *Nutrition Research*

**November 2012-**re-reviewed a paper for the journal *Metabolism* that I had initially reviewed in July 2012

**November 2012-**reviewed a paper for the journal *Hormone and Metabolic Research*

**October 2012-**re-reviewed a paper for the *Journal of**Diabetes and its Complications* that I had initially reviewed in August 2012

**October 2012-**reviewed a paper for the journal *Metabolism*

**August 2012-**reviewed a paper for the *Journal of**Diabetes and its Complications*

**July 2012-**reviewed a paper for the journal *Metabolism*

**July 2012-**reviewed a pre-submission provisional patent application regarding breast cancer detection for a colleague

**July 2012-**reviewed a paper for the *Journal of**Diabetes and its Complications*

**May 2012-**re-reviewed a paper for the *Journal of**Diabetes and its Complications* first submitted in April 2012

**April 2012-**reviewed a paper for the *Journal of**Diabetes and its Complications*

**March 2012-**re-reviewed a paper for the journal*European Journal of Clinical Nutrition* that I initially reviewed in December 2011

**February 2012-**re-reviewed (third re-review) a paper initially reviewed by me in October 2011 for the journal*Metabolism-*this was the fourth time I had examined this paper including the initial review by me in October 2011

**February 2012-**re-reviewed (second re-review) a paper initially reviewed by me in October 2011 for the journal*Metabolism-*this was the third time I had examined this paper including the initial review by me in October 2011

**February 2012 -**re-reviewed a paper initially reviewed in December 2011 for the journal*Metabolism*

**January 2012-**reviewed a paper for the journal*European Journal of Clinical Nutrition*

**December 2011-**reviewed a paper for the journal*Metabolism*

**December 2011-**re-reviewed a paper for the journal *Metabolism* after revisions (originally reviewed by me in October 2011)

**December 2011-**reviewed a paper for the *Journal of**Diabetes and its Complications*

**November 2011**-re-reviewed a paper for the journal *Hormone and Metabolic Research* after revisions (originally reviewed by me in October 2011)

**October 2011-**reviewed a paper for the journal*Metabolism*

**October 2011-**reviewed a paper for the journal*Hormone and Metabolic Research*

**October 2011-**reviewed a paper for the *Journal of**Diabetes and its Complications*

**August 2011-**re-reviewed a paper resubmitted to the *Journal of**Diabetes and its Complications* after revisions (originally reviewed by me for the *Journal of**Diabetes and its Complications* in February 2011)

**July 2011-**reviewed a paper for the *Journal of**Diabetes and its Complications*

**July 2011-**reviewed a paper for the *African Journal of Agricultural Research*

**May 2011-**reviewed a paper for the *Journal of**Diabetes and its Complications*

**April 2011-**Member of the **CIHR Emerging Team Grant: Rare Diseases Committee** (reviewed grant applications (letters of intent) to that committee in advance of and during and after a meeting held in Ottawa **6-8 April 2011**)-**co-reviewed 6 grant applications**

**February 2011-**reviewed a paper for the *Journal of Diabetes and its Complications*

**November 2010-**reviewed a paper for the *Journal of**Diabetes and its Complications*

**August 2010-**reviewed a paper for the journal*Metabolism*

**May 2010-**reviewed a paper for the journal*Metabolism*

**March 2010-**reviewed two papers submitted to the journal *International Journal of Diabetes in Developing Countries*

**February 2010-**reviewed a paper submitted to the journal *Metabolism*

**January 2010 -**reviewed a paper submitted to *Nutrition Journal*

**September 2009**-reviewed a paper submitted to the journal *Lipid Insights***August 2009**-reviewed a grant application for a competitive Wellcome Trust funded post-doctoral position

**August 2009**-reviewed a research grant proposal submitted to the Cape Breton Health Research Centre

**April 2009-**reviewed a paper submitted to the *International Journal of Food Sciences and Nutrition*

**January 2009-**reviewed a paper submitted to the *Journal of the American College of Nutrition*

**December 2008**-reviewed a paper submitted to the journal *International Journal of Diabetes in Developing Countries*

**August 2008**-reviewed a paper submitted to the journal *Lipid Insights*

**June 2008 -**reviewed a paper submitted to the journal *Annals of Nutrition and Metabolism*

**May 2008** -reviewed a grant application to the Poultry Industry Council of Canada

**February 2008** -reviewed a paper submitted to the journal *Drug Target Insights*

**February 2008** -reviewed an article submitted to the journal *Clinical Medicine: Endocrinology and Diabetes*

**January 2008-**reviewed a paper submitted to the *British Journal of Nutrition*

**January 2008** -reviewed a paper submitted to the *Annals of Nutrition and Metabolism*

**October 2007-**reviewed a paper submitted to the *Applied Physiology, Nutrition and Biochemistry*

**October 2005-**reviewed an article submitted to the *British Journal of Haematology*

**July 2005** -reviewed 2 articles submitted to the *British Journal of Haematology*

**August 2002**-reviewed an article submitted to the *FASEB Journal.*

**April 2000-**Co-reviewed an article re-submitted to *Peritoneal Dialysis International*

**January 2000-**Co-reviewed an article submitted to *Peritoneal Dialysis International*.

**December 1996 -**Reviewed an article submitted to *Peritoneal Dialysis International.*

**March 1995-**Reviewed an article submitted to *Lipids.*

**February 1994-**Co-reviewed an article submitted to the *Journal of Lipid Research*

**December 1993-**Co-reviewed an article submitted to the *Journal of Lipid Research.*

**March 1992-**Co-reviewed an article submitted to the *American Journal of Clinical Nutrition.*

**February 1991-**Co-reviewed a grant submission to the Medical Research Council of Canada.

**December 1990-**Co-reviewed an article submitted to the *American Journal of Clinical Nutrition*.

**Selected to evaluate the work of other academics and professionals by, for example, by:**

**Being an external examiner for theses**

**July 2005** -Acted as an external examiner for an M.Sc. thesis in the Department of Biochemistry at Memorial University in Newfoundland

**March 2017,** Acted as an external examiner for a Ph.D. thesis in the College of Pharmacy and Nutrition (Department of Pharmacy) at the University of Saskatchewan

**General service to CBU**

**May 2021-** gave a 20 minute lecture to each of two sections of Nrsg 3303

**April 2021-** Science Atlantic Nutrition Conference- Awards Committee member

**February 2021 -** gave one 2 hour lecture to each of two sections of Nrsg 2501

**October 2020-** gave a 35 minute video lecture to NRSG2401 Sections 1 and 2

**September 2020 to April 2021-** co-supervised advanced major project in Nutrition of Thalia Puac at St Francis Xavier University

**May 2020-** gave a 15 minute lecture to Nrsg 3303

**March 2020-** Science Atlantic Nutrition Conference- Awards Committee member

**February 2020-** participated in the University 101 recruitment drive

**February 2020 -** gave one 2.5 hour lectures to each of two sections of Nrsg 2501

**January 2020**- participated in 2 wellness focus groups (a) Health Services, Mental Health and Health Advocacy and Research and b) Occupational Health and Safety, Facilities, and Food Services) aimed at improving health and wellness of members of the CBU community

**January 2020**-judge for Riverview High School science fair

**October 2019**-participated in the CBU Open House recruitment

**October 2019-**gave one, 3 hour lecturein Pathophysiology to nurse practitioner students at Dalhousie University via video link.

**October 2019-April 2020-** helped proctor exams for Public Health courses

**October-November 2019-** helped 2 undergraduate chemistry students with their experimental work

**October 2019**- helped a Ph.D. student and an undergraduate student working with a Chemistry faculty member with their experimental work

**April 2019-**participated in a meeting chaired by Dr. Carolin Kreber, Dean of Professional Studies on suggested directions for fund-raising for CBU

**March 2019 -** gave one, 1.5 hour lecture to each of two sections of Nrsg 4501

**March 2019 -** gave one, 2.5 hour lecture in Pathophysiology to nurse practitioner students at Dalhousie and Cape Breton University (Dalhousie University students took the lecture at the same time via video link).

**February/March 2019 -** gave two, 2.5 hour lectures to each of two sections of Nrsg 2501

**February 2019-**participated in the SPS school consultation meeting regarding the CBU academic plan

**February 2019-**abstract committee chair and abstract reviewer for Science Atlantic-Nutrition and Foods Conference held in March 2019

**January 2019**-participated in a focus group on CBU branding

**November 2018-**gave a 2.5 hour lecture to each of two sections of Nrsg 3501

**October 2018**-participated in the CBU Open House recruitment

**October 2018-**gave a 50 minute lecture to each of two sections of Nrsg 2401

**October 2018-May 2019 -** went to Sydney Academy, Richmond Academy, and Rankin High Schools as part of ongoing CBU recruitment drive efforts

**October 2018 –December 2018**-participated in focus group formulating plans for M.A. and M.Sc. degrees at CBU

**October 2018-**gave a 2.5 hour lecture to each of two sections of Nrsg 2201

**June 2018-present-**CBU’s representative on the Science Atlantic Nutrition committee

**June 2018-** participated in the online MacLean’s University rankings survey

**May-June 2018-** provided comments to President Dingwall, Tammy Byrne via e-mail and/or via the web submission form regarding the development of the strategic plan based on my observations from various boot camps and talks given

**April 2018-** went to Breton Education Centre as part of ongoing CBU recruitment drive efforts

**March 2018-**gave a 50 minute lecture to Nrsg 4501

**February 2018-** participated in the University 101 recruitment drive

**February 2018**- proctored an online exam for a CBU Psychology professor (exam was for a Nutrition transfer option student)

**October to December 2017-** went to Memorial, Glace Bay, Sydney Academy, Munro Academy, Richmond Academy, Baddeck Academy and Rankin High Schools as part of ongoing CBU recruitment drive efforts

**November 2017- total of 5 hours for all of the following-**gave one lecture to each of two sections of Nrsg 2401

**October 2017**-participated in the CBU Open House recruitment drive

**March, April and May 2017-** went to Memorial, Breton Education Centre, Riverview, Glace Bay, Sydney Academy, Munro Academy, Wagmatcook, Richmond Academy, Cabot, and Rankin High Schools as part of ongoing CBU recruitment drive efforts

**May 2017**-**gave a talk to high school students at Memorial High School**- Healthy Eating Across the Lifespan

**April 2017**-**gave a talk to high school students at Rankin School of the Narrows (Iona, Cape Breton)** - Healthy Eating Across the Lifespan

**March 2017-** gave a lecture for Nrsg 2104

**February 2017-** participated in the University 101 recruitment drive

**October and November 2016-**gave one lecture in each of Nrsg 2201 and 2401 and two lectures in Nrsg 2501

**March 2017-** helped a CBU associate professor prepare a grant application submitted to the Nova Scotia Health Research Foundation

**October 2016. SPS school meeting seminar series. Cape Breton University. “**Flaxseed lignan complex consumption fails to improve plasma lipid, lipoprotein and apolipoprotein B profiles in older type 2 diabetes patients**”**

**July 2016-**gave a talk to children in sports camp at CBU on sports nutrition

**July 2016**- gave a presentation to African Nova Scotian students (grades 8-11) on careers in human nutrition

**July 2016-** helped a post-doc from another CBU lab learn use of HPLC in my lab and with method development for his HPLC assay

**February 2016-** participated in the University 101 recruitment drive

**February/March 2016-**went to Memorial, Glace Bay, Breton Education Centre, Riverview, Eskasoni and Sydney Academy high schools as part of ongoing CBU recruitment drive efforts

**March 2015-**participated in the University 101 recruitment drive

**February 2015-**reviewed Nutrition related aspects of the current CBU webpage for accuracy in preparation for transfer of material to the new CBU webpage

**November 2014-** gave lectures and tours of my labs as part of the CBU open house

**September 2014-2017-**participated in welcoming meeting and lunch with new public health and nutrition students-this included giving a brief overview talk on the nutrition transfer options from CBU and employment opportunities in nutrition.

**April 2014** - participated in a meeting with nursing faculty (at their request) and non-nursing faculty teaching nursing students to discuss concerns about nursing students

**April 2014**-participated in CBU’s second University 101 recruitment session

**March 2014**-participated in the CBU Majors session at CBU designed to help students make decisions on what course of study to follow-provided information to potential students

**February 2014-**participated in CBU’s University 101 recruitment evening

**November 2013-**visited 6 Cape Breton High Schools (Iona, Memorial, Breton Education Centre, Glace Bay, Sydney Academy, and Riverview) and presented information about Health Sciences and Emergency Management for purposes of recruitment to CBU

**June 2013**- administered an exam at CBU to a former CBU student taking a distance course through St. FX University

**February 2013**-represented Nutrition at the University 101 information and recruitment night at CBU

**January-March 2013**- provided guidance on use of plate reader to a foreign student researcher in Chemistry at CBU

**January 2013-presen**t-worked to find student representatives and later act as faculty mentor to CBU student representatives to the Canadian Nutrition Society

**December 2012-**helped to write a position paper on potential dissolution of the School of Professional Studies

**October 2012**-helped a former CBU nutrition student with assessment of menu planning in terms of colour, shape, size, texture, consistency, and flavor for a retirement home in Ontario

**September 2012-April 2013**-committee member- Mary Beth MacDonald-Chemistry-CBU -Honours thesis Phenylalanine Ammonia Lyase

**July 2012- present-**co-manager (with M. Bierenstiel and S. MacQuarrie) of UPLC-H class-MS-MS-PAD instrumentation at CBU

**March 2012-**poster judge for CBU research week

**February 2012-**participated by promoting nutrition offerings at CBU during a CBU recruitment night held at CBU

**December 2011-**represented Nutrition at CBU recruiting function at Riverview High School in Coxheath, Nova Scotia

**December 2011-**facilitated via witnessing of and collection of signed consents and being an observer of interview) the focus group interview on the CBU campus (conducted by videoconference with **(Canadian Association of Student Nurses (CASN) in Ottawa). This was regarding the study entitled “**Palliative and End-of-Life Care ‘Piloting Project Formative Process Evaluation’”- This study involved open-ended questions asked by an individual in Ottawa that were specific to student learning experiences in the CBU nursing programme so as to better understand CBU nursing student learning experiences. These experiences, in turn, could help guide future curriculum development, specifically in the area of palliative and end-of-life care

**October 2011-** helped a colleague with an NSERC grant application by providing comments on the application

**September 2011-April 2012**-committee member- Tiffany Wilcox.Chemistry -CBU -Honours thesis-IR/Raman analysis of pharmaceuticals.

**July 2011**- wrote a research profile (submitted to summer student in research office) for purposes of highlighting my research efforts for the CBU and broader communities.

**June 2011-**assisted a summer student from another CBU lab with method for measuring iron in water

**March 2011-**talked to SPHK 100 class about nutrition and sports

**February 2011-**helped with method development and then conduct of a lab on measuring, via HPLC, the caffeine content of soft drinks and energy drinks for Chemistry 386

**January 2011-** contributed ideas on building collaborative research efforts between and within each of the Cape Breton District Health Authority and CBU at a research café meeting

**October 2010-** contributed ideas on building collaborative research efforts between and within each of the Cape Breton District Health Authority and CBU at a research café meeting

**September 2010-** participated in a 90 minute session to welcome first year Nutrition students

**September 2010-**participated for 2 hours in a CBU recruitment drive held at CBU

**June 2010-**arranged several demonstrations in my lab for purposes of CBU videotaping for recruitment purposes-this included the use of my summer student and a visiting colleague from Kwantlen Polytechnic University in Vancouver BC.

**May 2010-**provided written input to the CBU vice-president (academic) on candidates for the dean of research position at CBU

**May 2010-**helped a CBU faculty member with resubmission of a grant application

**May 2010-**attended for the full day the Students’ Healthcare Career Fair at the Membertou Trade and Convention Centre, Membertou, Nova Scotia- I represented CBU’s recruiting efforts for the Human Nutrition transfer option

**March 2010**-provided information on infant nutrition to a CBU nursing professor teaching a section on that topic

**January 2010-**showed 6 groups, of about 7 secondary school students each, through my laboratory and gave a talk to each group on my research into type 2 diabetes for the Honour's Enhancement Program at CBU –this was part of the university and chemistry department recruiting efforts.

**November 2009-**gave a laboratory demonstration on human DNA genotyping as part of a series of demonstrations given by the Department of Chemistry for the grade 9 day at CBU.

**October 2009-**gave a talk for Healthy Living Week at CBU -“Obesity and food security”

**August 2009-**assisted a CBU faculty member with preparation of his first sabbatical leave application

**May 2009-**participated in a CBU health sciences recruitment day at the Cape Breton Regional Hospital

**May 2009-**provided information regarding the CBU nutrition transfer programme to the CBU Web Writing Support/Student Coordination Officer in terms of the development of the new CBU webpage

**April 2009**-attended a Cape Breton Health Research Centre sponsored research café meeting at CBU where I gave a brief talk on my research at CBU-this meeting was meant to enhance joint Cape Breton District Health Authority/CBU research efforts

**April 2009**-participated in a faculty photo shoot for the new CBU webpage

**February 2009-**reviewed with a Chemistry senior lab instructor on how to operate the high performance liquid chromatograph in my laboratory- such assistance was aimed at having Chemistry 361 students learn about determination of diet soft drink component (caffeine) by HPLC-I also oversaw and helped the students do their analysis using the HPLC

**December 2008**-attended a one-half day student recruitment session for CBU at Riverview High School in Coxheath, NS.

**September 2008**- provided information for the development of a new Chemistry Department website

**July 2008-June 2009-on sabbatical**

**May 2008-**initiated obtaining an UPLC-MS-MS (very sensitive instrument for isolating and identifying unique molecules) for CBU

**April 2008-** participated in a CBU health sciences recruitment day at the Cape Breton Regional Hospital

**February 2008-**participated in the CBU recruitment day at Holy Angels high school in Sydney

**February 2008-**participated in the planning, organization and conduct of the “What can CBU do for you? “recruitment nights (2 nights each lasting 2 hours)

**November 2007-**attended a recruitment night at Glace Bay High School to encourage interest in nutrition courses and the nutrition transfer programme at CBU

**September 2007**- provided information on my recent publications to the Publicity Committee of the Cape Breton University Faculty Association.

**September 2007-present**-worked to put in place ten, 5000 dollar scholarships for the nutrition transfer programme

**August 2007**-met with the head of the Cape Breton Health Research Centre to discuss ideas to promote health research between CBU and the Cape Breton District Health Authority

**August 2007-**provided HPLC and guidance to a CBU chemistry student doing HPLC analysis of petroleum polymers

**May 2007-** provided written comments on recruiting new students and retaining current students to a member of the President’s Task force on recruitment

**May 2007-**arranged for a photography session featuring nutrition students in my laboratory-this photography session was used for recruitment purposes by Cape Breton University

**May 2007-**provided written comments regarding renewal of a CBU dean’s contract

**May 2007-**helped an M.Sc. biology student become familiar with equipment necessary for an experiment

**March 2007-**completed a survey for a Community studies student at Cape Breton University on the nutrition of both on- and off-campus students attending CBU.

**February 2007-**oversaw and helped the Chemistry 361 students do their caffeine analysis using the HPLC in my laboratory

**February 2007-**gave a talk at Cape Breton University about the Nutrition transfer programme at the Cape Breton University recruitment night

**February 2007**-provided advice to a member of the CBU Biology department on HPLC analysis of vitamins and enzyme linked immunosorbent assay of carbohydrates both in marine plants

**January 2007-**provided information on weight loss to a member of the CBU community

**December 2006-**assisted a Chemistry senior lab instructor in learning how to operate the high performance liquid chromatograph in my laboratory- such assistance was aimed at having Chemistry 361 students learn about determination of diet soft drink component (caffeine) by HPLC

**October 2006-** gave a seminar entitled “Flaxseed oil trial in human type 2 diabetics” for the CBU Chemistry Department seminar series.

**October 2006**-wrote a letter of support for a faculty member at another university applying for promotion to associate professor

**October 2006**-gave a talk on “Animal Fattening“ to the MSIT 301 students.

**September 2006**- did measures of excellence analysis plus a Strengths, Weaknesses, Opportunities and Threats analysis for Dean Jane Lewis regarding the Nutrition transfer programme

**September 2006**-wrote sections on nutrition for the “View Book” used as a student recruitment tool to promote the School of Education, Health and Wellness- I along with others in the School of Education, Health and Wellness also proofed the entire “View Book”

**May 2006**-provided information about the Nutrition transfer programme at CBU to a guidance counselor from Cabot High School on Cape Breton Island

**May 2006-**showed an applicant to the Nutrition transfer programme around the campus and arranged for her questions about the transfer programme and CBU to be answered

**April 2006-** helped a CBU faculty member prepare his capacity building grant application to the Nova Scotia Health Research Foundation

**March 2006-**provided information to a fourth year nursing student at Cape Breton University who is scheduled to give a public presentation on eating well on a low budget.

**March 2006-**organised a lunch with secondary school students and the Dean of Education, Health and Wellness. These students had expressed an interest in the Nutrition transfer programme at Cape Breton University

**February 2006**-assisted a student with a paper on diabetes for a 4th year nursing course

**February 2006**- assisted another faculty member with his application for a Nova Scotia Health Research Foundation (NSHRF) grant

**January 2006-**gave at talk entitled “Nutrition and Diabetes in Humans” for the Guest Speaker Series on Health at Cape Breton University

**January 2006-**gave a 30 minute talk to the students of MSIT 403 students about type 2 diabetes in terms of its impact on Cape Breton, causes, and the work in my laboratory to find new therapeutic agents to prevent and manage this disease. I also showed by laboratory talking about how the various pieces of equipment are used in my work.

**January 2006 -**assisted a biology faculty member at CBU to acquire and learn about equipment for his experiments

**December 2005-**attended a parent student meeting at Breton Education Centre in New Waterford, Nova Scotia to give information on and discuss nutrition courses and the nutrition transfer programme at Cape Breton University

**November 2005-**gave a 30 minute demonstration on the use of HPLC to determine glycosylated HbA1c-demonstration given to Chemistry 365 (Biochemistry-Part II) class of Dr. G. D’Cunha

**November 2005-**gave a day long demonstration of my laboratory during the Cape Breton University Open House

**October 2005-**wrote a summary of my research for Kelly Rose, Mike Kelloway and Carole Macleod to be used as part of a full page advertisement in the Cape Breton Post to highlight the importance and relevance to the Cape Breton public of individual research projects undertaken by Cape Breton University faculty who received CIHR funding. My summary included highlighting the outcomes of my research and student involvement in those outcomes.

**September 2005-June 2008**-assisted with curriculum development for MSIT 401 and MSIT 403 laboratories

**September 2005**-provided information about nutrition and guidance on nutrition instruction to a laboratory instructor teaching an MSIT laboratory

**August 2005**-provided commentary on video describing my research and my laboratory equipment in operation-commentary provided to Ms. Lisa Paterson of Cape Breton University for use in the promotion of Cape Breton University

**February 2005-**provided material for a sabbatical leave presentation for a Cape Breton University faculty member

**December 2004-**participated in preparation of letter of intent for a potential CIHR application dealing with healing language to improve Mi’kmaq health

**November 2004-June 2010-**worked on obtaining emergency hydro for critical instruments for the Biology and other departments

**September 2004-**provided assistance to new faculty preparing documents for review of performance

**August 2004**-assisted a new faculty member with preparation of his CFI application

**June 2004-**provided information to a new faculty member on obtaining software for dietary analysis

**June 2004-**provided information to a new faculty member on successful grant writing to the Registrar’s special student assistant projects

**May 2004-**wrote a short piece for Cecil Smith at CBU on how my research could be commercialised in conjunction with the Atlantic Research Commercialisation Network (part of the Atlantic Innovation Fund). This piece was used in local papers.

**April 2004-**assisted a person from Pakistan in making contacts with Dieticians of Canada and pursuing other options to facilitate her becoming a registered dietician in Canada

**April 2004-**contacted Mount Saint Vincent University in Halifax to determine the conditions by which Nutrition students from CBU could finish their Honours B.Sc. in Nutrition at Mount Saint Vincent University

**March 2004**-assisted in the writing of material describing my laboratory for promotional purposes by Canada Foundation for Innovation

**March 2004-**gave a talk on “Nutraceutical Interventions in Type 2 diabetes” to the Integrative Science Lecture series at CBU

**March 2004-** arranged time for additional photographs of my functioning laboratory-such photographs are to be used by the Canada Foundation for Innovation and CBU for promotional purposes

**March 2004-**arranged with another faculty member to have the library obtain a subscription to The American Journal for Clinical Nutrition which will provide an excellent teaching and learning resource for CBU

**February 2004**-assisted another faculty member in obtaining cost estimates and making other arrangements for potentially purchasing a scanner for CBU to mark multiple choice examinations and perform other data collection

**February 2004**-helped a student, for whom English is a second language, correct grammar, spelling and expression in a laboratory report for a Biology course

**January 2004-**delivered a 50 minute lecture/laboratory demonstration on analysis of samples from nutraceutical use in type 2 diabetes to a class of 5 MSIT students at the Cape Breton University.

**November** **2003**-gave information to the BA committee which allowed it decide that Nutrition courses at CBU were suitable for pairs or electives for the BA degrees from CBU

**November 2003**-gave a tour of my laboratory to the senior management group at CBU on a request made on their behalf

**November 2003**-discussed the Nutrition transfer programme with a guidance counsellor at Memorial High School in Sydney Mines, NS; provided information and counselling on the programme to a student at Memorial High School in Sydney Mines, NS.

**November 2003**-assisted a student in preparing documents for her application to graduate school

**November 2003**-attended a meeting and contributed to discussions on space utilisation in A-wing

**November 2003**-provided information to new faculty on successful CFI grant application writing

**October 2003-** arranged time for photographs of my laboratory-such photographs are to be used by Advancement at CBU for promotional purposes

**October 2003** –assisted a student in prepare her presentation on type 2 diabetes for Biology 202

**September 2003**-wrote a letter of support for a CBU faculty member applying for a health-related research grant.

**August 2003-**supervised one high school student for 2 weeks for the Atlantic Provinces Council on the Sciences programme to introduce the student to university level science

**December 2002**-observed CIHR grant adjudication process in Hull, Quebec (Population Health). My report on my observations was filed with Dr. Joanne Gallivan, Dean of Research at CBU in December 2002-this process will help future CBU applicants file stronger grant submissions to CIHR

**November 2002**-assisted with the completion of tender forms for another CFI grant holder at CBU.

**October 2002**-gave a talk to the CBU community and government representatives on my CFI grant.

### September 2002-Seminar at the Cape Breton University in Sydney, Nova Scotia

### “Total Parenteral Nutrition-an Overview” –given to fourth year nursing students

**September 2002**-**present**- Assisted in ongoing curriculum developments and oversaw their implementation for the two year honours B.Sc. transfer option in human nutrition whereby the students do their first 2 years at CBU and their last 2 years elsewhere.

**September 2002-April 2003** Supervised research assistant student volunteering for fall winter term to meet her volunteer requirement to graduate. The student assisted with library searches, ordering supplies, labelling tubes, and financial accounting for my laboratory.

**May 2002-present**-wrote and continually update a promotional handout on nutrition courses and the transfer programme at CBU

**March 2002-** Participated in the discussions about a possible palliative care course to be run jointly with CBU and the Cape Breton Regional Hospital.

**February 2002**-Participated in high school recruitment night by giving seminar about nutrition courses and the Honours B.Sc. transfer programme in Human Nutrition at CBU.

**October 2002-present**- provided **112** references (oral and written) for various persons nominated for awards or applying for further study or jobs or volunteer positions.

**January 2002-present**-ensured CBU calendar contained correct and up-to-date information of Nutrition courses and the Honours B.Sc. in Human Nutrition transfer programme

**October 2001**-present-assisted in the development of a Nutrition transfer programme whereby students do their first two years at CBU and the last two years at St. F.X to obtain an Honours B.Sc. in Human Nutrition

**September 2001**-present- developed and continuously revised Nutrition webpage and 8 new half courses in human nutrition (am currently readying material for a senate approved 9th course). I encouraged enrolment in Honours B.Sc. in human nutrition transfer programme support via extensive advertising on campus and in the Cape Breton Post, participating in the 2002 high school recruitment night, and ensuring full programme description in the CBU calendar.

**Service to the Cape Breton Regional Municipality (CBRM) community with relevancy to my to my disciplinary or scholarly expertise**

**March 2019 -**judge at the Regional Science fair for Cape Breton junior high and high school students

**October 2018**-gave at talk at the Horizon Achievement Centre in Sydney Nova Scotia – Eating and Exercising for Health.

**February 2018-** science fair judge at Riverview High School

**March 2017-**judge at the Regional Science fair for Cape Breton junior high and high school students

**January 2017-**science fair judge at Riverview High School in Sydney, NS.

**March 2016-**judge at the Regional Science fair for Cape Breton junior high and high school students

**January 2016-**science fair judge at Riverview High School in Sydney, NS.

**March 2015-**science fair judge at the Regional Science fair for Cape Breton junior high and high school students

**January 2015-**science fair judge at Riverview High School in Sydney, NS.

**October 2014-**disseminated information for two local companies wanting to hire people with a nutrition background

**March 2014-**science fair judge at the Regional Science fair for Cape Breton junior high and high school students

**January 2014-**science fair judge at Riverview High School in Sydney, NS.

**October 2013**- helped a first nations’ student from Eskasoni with experimental design to attempt to elucidate why first nations people have higher levels of type 2 diabetes compared to non-first nations’ persons

**March 2013-**science fair judge at the Regional Science fair for Cape Breton junior high and high school students

**January 2013-**science fair judge at Riverview High School in Sydney, NS.

**March 2012-** science fair judge at the Regional Science fair for Cape Breton junior high and high school students

**February 2012**-provided guidance to a Nova Scotia Community College (Marconi campus, Sydney, Nova Scotia ) student for her course project on improving food choices particularly so for diabetics using Cape Breton food banks

**January 2012-**science fair judge at Riverview High School in Sydney, NS.

**October 2011-**Provided guidance to a Sydney NS high school student on obtaining help to do fat and protein and sodium content analysis of meat

**September 2011 to November 2011**– helped a Sydney Academy grade 12 student learn about doing vitamin C analysis in organically- versus conventionally-grown carrots via HPLC

**March 2011**- science fair judge at the Regional Science fair for Cape Breton junior high and high school students

**January 2011-**science fair judge at Riverview High School in Sydney, NS.

**October 2010**-processed whole blood from the Sydney site for a chromosomal study being done in Los Angeles, California

**March 2010 -**provided my expertise to the Nova Scotia government in developing their “Food and Nutrition Support Policy for Regulated Child Care Settings” -my comments were primarily directed to better nutrition in CBRM daycares but were also applicable to early childhood nutrition across the province

**February 2010-**science fair judge at Riverview High School in Sydney, NS.

**September 2009-** provided guidance on clinical trial design to a Sydney, Nova Scotia neurologist regarding vitamin D intervention in multiple sclerosis

**February 2009**- judge at Riverview secondary school science fair (Coxheath, NS)

**November 2008-** gave a talk entitled “Nutrition over the years” to a pre-retirement group at Fisheries and Oceans Canada in Westmount, Nova Scotia

**July 2008-June 2009-on sabbatical**

**December 2007**-provided answers to a local high student doing a health project on sodium intake

**May 2007**- Grade 5 class at Sydney River Elementary School at Sydney River, Nova Scotia**-**gave a talk entitled “Nutrition and exercise”

**June 2006-**Talk given to primary school student at Membertou Public School- Membertou, Nova Scotia**-**“Nutrition and exercise” in which I discussed the importance of good nutrition and physical activity to health and the prevention of type 2 diabetes, the latter a particularly serious issue among Aboriginal youth in Cape Breton

**March 2005-**Cub’s group at Coxheath, Nova Scotia**-**gave a talk entitled “Nutrition and exercise”

**February 2004-February 2005-**unpaid consultant to local dessert manufacturing company (Classic Cheesecakes) interested in the fat content of their products

**November 2003**-gave a talk on Nutrition and Diabetes to the Sydney Rotary Club

**October 2003-**gave a talk on Nutrition and Diabetes to the Family Studies Teachers Association Conference at Sherwood Park Middle School in Sydney, Nova Scotia

**May 2002-September 2006-** Served as the CBU representative at the Cape Breton Regional Hospital Ethics Committee

**June 2002**-provided information on CFI grant to and participated in a CFI promotional photographic session with local Member of Parliament

**Service to Cape Breton Regional Municipality-not related to my disciplinary or scholarly expertise**

**October 2014-**attended “breakfast with the boys” at Centre 200 as part of the men against violence toward women effort- I, along with others, represented the School of Professional Studies

**March 2012-present-**member of parent committee and secretary for junior sail at Northern Yacht Club in North Sydney

**Service to Nova Scotia, Canada and beyond**

**March 2020**- panelist for “Wicked Problem” presentations by three groups of fourth year Nutrition students at St. Francis Xavier University. “Wicked problems are a variety of particularly complex, persistent and resistant problems in public policy. Wicked problems lack agreement on both a definition and a solution.” (quoted from “Wicked problems and public policy” document June 2013 (National Collaborating Centre for Healthy Public Policy retrieved on 8 March 2020; <https://www.inspq.qc.ca/pdf/publications/1841_Wicked_Problems_Policy.pdf>). The topic was “How do we ensure nutrigenomic information is used ethically and equitably within and across population groups to promote health and well-being.” Students presented on difficulties associated with the ethical and equitable use of nutrigenomic information within and between population groups to promote health and well-being and then provided 3 alternate solutions weighing the pros and cons of each solution.

**September 2017-** provided feedback to a Mount Saint Vincent University M.Sc. student (Human Nutrition) on his development of a survey

**March 2010 -**provided my expertise to the Nova Scotia government in developing their “Food and Nutrition Support Policy for Regulated Child Care Settings” -my comments were primarily directed to better nutrition in CBRM daycares but were also applicable to early childhood nutrition across the province **(this was also noted above in discipline related service to CBRM)**

**June 2009-present**-provided some information to a professor at Kwantlen Polytechnic University in British Columbia on UCCB’s transition to university only status

**June 2009-**helped a student in New Zealand interpret a meta-analysis paper on peritoneal and hemo-dialysis as part of her work toward a post-graduate degree in Nursing

**March 2009**-provided information to a physician in Toronto on the potential relationship between lipoprotein (a) and excessive bleeding in a patient for whom a diagnosis was proving difficult

**May 2007-**provided guidance to a University of Western Ontario assistant professor regarding experiments using lipoprotein (a)

**January 2007-**provided guidance on her curriculum vitae and contacts for a McMaster University student applying for a co-op work placement in Pharmacology

**June 2006-**gave guidance to a colleague at the University of Guelph writing a grant proposal for a novel way of detecting breast cancer in its earliest stages

**March 2004-**provided help with sphingomyelin fatty acid composition methodology to a scientist at NIH in Bethesda, Maryland

**Service to the association**

**August-September 2014-**reported errors in collective agreement

**September 2013-**provided numerous suggestions to CBUFA re contract language

**November 2008-**prepared a summary of my research for the faculty research news section of the Cape Breton University Faculty Association website

**June 2008-**provided suggestions for enhancing recruitment at CBU to the Cape Breton University Faculty Association

**Appendix 1-unsolicited service acknowledgements**