CURRICULUM VITAE

ISABELLA R. GHEMENT, Ph.D.   MARCH 2016

CONTACT INFORMATION

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PERSONAL INFORMATION

- **Citizenship**
  - Canadian Citizen and Romanian National.
- **Marital Status**
  - Married (Common-Law).

EDUCATION

- **University of British Columbia**, Vancouver, British Columbia, Canada.
  - **Ph.D. in Statistics**, 1998-2005.
  - Dissertation Topic: "***Inference in Partially Linear Models with Correlated Errors***".
  - Advisor: Dr. Nancy Heckman, Department of Statistics.
- **University of Bucharest**, Bucharest, Romania.
  - **M.Sc. in Stochastic Processes and Statistics**, 1996-1997.
  - Advisor: Dr. Monica Dumitrescu, Department of Probabilities and Statistics.
- **University of Bucharest**, Bucharest, Romania.
  - **B.Sc. in Applied Mathematics**, 1991-1996.
  - Advisor: Dr. Monica Dumitrescu, Department of Probabilities and Statistics.

PROFESSIONAL EXPERIENCE

- **Ghement Statistical Consulting Company Ltd.**, Vancouver, British Columbia, Canada, 2010-Present.
- **Ghement Statistical Consulting Company**, Vancouver, British Columbia, Canada, 2006-2010.
  - Independent Statistical Consultant and Trainer.

- **Sauder School of Business**, University of British Columbia, Vancouver, British Columbia, Canada, September 2007-December 2012.
  - Sessional Lecturer in Statistics.

CONSULTING EXPERIENCE

• **Statistical Consultant, Ghement Statistical Consulting Company and Ghement Statistical Consulting Company Ltd., 2006-Present.**

• Conducted median regression modeling, propensity score modeling and meta-analyses in order to investigate the association between an early pharmacist-led medication review and various health outcomes for ER patients at high-risk of experiencing adverse drug effects. This project resulted in a scientific manuscript recently submitted for publication to the Canadian Medical Association Journal.

• Commissioned by the Pacific Salmon Commission to write R programs and a corresponding graphical user interface for forecasting Chinook salmon abundance from historical data, auxiliary data and ocean and environmental data.

• Conducted structural equation modeling to assess the impact of proximal and distal environmental factors on adolescent obesity in the United States and determine whether this impact is moderated by adolescents' age or gender. This consulting project led to two peer-reviewed publications and a scientific poster.

• Conducted linear mixed effects modeling to investigate the impact of a free minimal dose school fruit and vegetable snack intervention on the intake, self-knowledge and efficacy of school children in British Columbia. This consulting project led to one peer-reviewed publication.

• Performed meta-analyses and mixed treatment comparison meta-analyses for local clients (e.g., Oxford Outcomes) using STATA, R and WinBUGS. Some of these analyses resulted in peer-reviewed publications.

• Engaged by Environment Canada to assist with the temporal optimization of their water quality monitoring network. Environment Canada is a science-based department of the Federal Government of Canada which is tasked with protecting the environment, conserving the country's natural heritage and providing weather and meteorological information to the Canadian public.

• Engaged by the British Columbia Ministry of Healthy Living and Sports to prepare two statistical reports investigating the time trends in various air pollutants measured in different locations in British Columbia, Canada.

• Engaged by a leading ecological consulting company to prepare a statistical project proposal for a long-term impact study sponsored by British Columbia Hydro (British Columbia Government owned corporation responsible for generating electrical energy) through public tender. The proposal required the selection of the most appropriate methods for data collection and analysis in the context of the study. My consulting client was successful in winning the bid for the study.

PUBLICATIONS

Refereed Journal Articles:

2015 **Orientation and transition programme component predictors of new graduate workplace integration**, Rush KL, Adamack M, Gordon J, Janke R, Ghement IR. *Journal of Nursing Management, 23(2): 143-55. Doi: 10.1111/jonm.12106.*

2014 **Efficacy of a Minimal Dose School Fruit and Vegetable Snack Intervention**, Naylor PJ, McConnell J, Rhodes RE, Barr SI, Ghement I and Scott J*., Journal of Food & Nutritional Disorders, 3:4 doi:10.4172/2324-9323.1000147.*

2014 **The importance of baseline viral load when assessing relative efficacy in treatment- naïve HBeAg-positive chronic hepatitis B: a systematic review and network meta- analysis**, Mealing S, Ghement I, Hawkins N, Scott DA, Lescrauwaet B, Watt M, Thursz M, Lampertico P, Mantovani L, Morais E, Bregman B, Cucherat M. Systematic Reviews. *3:21. doi: 10.1186/2046-4053-3-21.*

2014 **A network meta-analysis of the efficacy of belatacept, cyclosporine and tacrolimus for immunosuppression therapy in adult renal transplant recipients**, Goring SM, Levy AR, Ghement I, Kalsekar A, Eyawo O, L'Italien GJ, Kasiske B, _Current Medical Research and Opinion, 30(8):1473-87. doi: 10.1185/03007995.2014.898140. Epub 2014 Apr 3._

2014 **A Model of Environmental Correlates of Adolescent Obesity in the United States.** Nesbit KC, D.Sc., Kolobe TH, Ph.D., Sisson SB and Ghement IR, _Journal of Adolescent Health_, _Volume 55, Issue 3, Pages 394 - 401._

2014 **A structural equation model of environmental correlates of adolescent obesity for age and gender groups,** Nesbit KC, D.Sc., Kolobe TH, Ph.D., Sisson SB and Ghement IR, _Journal of Pediatric Obesity_. doi: 10.1111/ijpo.259.

2013 **Do you need to account for baseline viral load when assessing the relative efficacy of interventions for treatment naïve hbeag positive chronic hepatitis b (chb) patients? results from unadjusted and adjusted network meta-analyses (nma),** Mealing S, Ghement I, Ali S, Hawkins N, Scott DA, Lescrauwaet B, Thursz M, Lampertico P, Mantovani L, Morais E, Bjork S, Bregman B, Cucherat M, _Value in Health_, Vol. 16, Issue 3, pp. A211-A212.

2013 **The Helpfulness and Timing of Transition Program Education,** Rush KL, Adamack M, Janke R, Gordon J, and Ghement IR, _Journal for Nurses in Professional Development_, Vol. 29, Issue 4, pp. 191-196.

2013 **Orientation and transition programme component predictors of new graduate workplace integration,** Rush KL, Adamack M, Gordon J, Janke R and Ghement IR, _Journal of Nursing Management_. doi: 10.1111/jonm.12106.

2011 **Estimating the Power of Indirect Comparisons: A Simulation Study**, Edward Mills, Isabella Ghement, Christopher O'Reagan and Kristian Thorlund. _PLoS One_. 6(1):e16237.

2011 **Pharmacotherapies for chronic obstructive pulmonary disease: a multiple treatment comparison meta-analysis.** Edward J Mills, Eric Druyts, Isabella Ghement, and Milo A Puhan. _Clin Epidemiol._ 3: 107–129.

2011 **Efficacy and safety of statin treatment for cardiovascular disease: a network meta-analysis of 170 255 patients from 76 randomized trials**, E.J. Mills, P. Wu, G. Chong, I. Ghement, S. Singh, E. Akl, O. Eyawo, G. Guyatt, O. Berwanger and M. Briel. _QJM._ 2011 Feb;104(2):109-24.

2011 **Multiple Treatment Comparison Meta-Analyses in Oncology: A step forward into complexity**, Edward Mills, Isabella Ghement, Kristian Thorlund, Steven Kelly, Milo Puhan and James Wright. _Clin Epidemiol._ 3: 193–202.

2009 **Incorporating multiple interventions in meta-analysis: an evaluation of the mixed treatment comparison with the adjusted indirect comparison**, Christopher O'Reagan, Isabella Ghement, Oghenowede Eyawo, Gordon H Guyatt and Edward J Mills. _Trials, 10:86._

2008 **Robust Estimation of Error Scale in Nonparametric Regression Models**, Ghement I, Ruiz M and Zamar R. _Journal of Statistical Planning and Inference, 2008, Vol. 138, Issue 10, pp. 3200-3216._

2007 **Seasonal Confounding and Residual Correlation in Analyses of Health Effects of Air Pollution**, Ghement IR, Heckman NE and Petkau AJ. _Environmetrics, 2007, Vol. 18, Issue 4, pp. 361-459._

Manuscript in Submission:

2015   **Early In-Hospital Medication Review Associated with Reduced Hospital Days**,   Hohl C, Partovi N, Ghement I, Wickham M, McGrail K and Sobolev B. Manuscript submitted for publication to the Canadian Medical Association Journal on September 24, 2015 (CMAJ-15-1155).

Manuscript in Preparation:

2015   **Radiation-Induced Oral Mucositis Assessment: less is more when determining which scale to use and minimizing the burden of patient participation.** Hawley P, Ghement I, McGahan C, Hovan A, Saunders D.

RESEARCH EXPERIENCE

Research experience developed independently of the consulting-driven research experience:

• **Research Assistant**, Department of Statistics, University of British Columbia, 1999-2006.

- o Developed statistical methodology for conducting inference in partially linear models with correlated errors.
  Research Advisor: Dr. Nancy Heckman.

- o Used semi-parametric additive modeling techniques to analyze pollution/health data and assess the effect of particulate matter on human health.
  Research Advisors: Dr. Nancy Heckman and Dr. John Petkau.

- o Collaborated with biologists from the University of British Columbia on a research problem involving mathematical modeling of protein evolution. The research required carrying out simulations to test the validity of the proposed mathematical models.
  Research Advisor: Dr. Bertrand Clarke.

- o Carried out theoretical work on robust estimation of scale in non-parametric regression.
  Research Advisor: Dr. Ruben Zamar.

• **Research Assistant**, Centre for Mathematical Statistics, Romanian Academy, Bucharest, Romania, 1996-1998.

- o Developed statistical methodology for analyzing data from repeated surveys based on time series techniques.
  Research Advisor: Dr. Tiberiu Postelnicu.

RESEARCH INTERESTS

- • Medical Statistics.

- • Structural Equations Modeling.

- • Mixed Effects Modeling.

- • Mixed Treatment Comparisons.

- • Adjusted Indirect Comparisons.

- • Impact of Air Pollution on Human Health.

- • Inference in Partially Linear Models with Correlated Errors.

- • Robust Estimation of Scale in Nonparametric Regression Models.

- • R Programming Methods.

INVITED PAPERS AND TALKS

- **Managing Communication: An Integral Ingredient for Project Success**, August 2015, Joint Statistical Meetings (JSM), Seattle, Washington.

- **Inference in Partially Linear Models with Correlated Errors**, November 2005, Department of Statistics, University of British Columbia, Vancouver, British Columbia.

- **Smoothing Parameter Selection in Partially Linear Models with Serially Correlated Errors**, July 2004, UW/EPA NW Research Centre for Particulate Air Pollution and Health, University of Washington, Seattle, Washington.

- **Smoothing Parameter Selection in Partially Linear Models with Serially Correlated Errors**, June 2003, Annual Meeting of Statistical Society of Canada, Dalhousie University, Halifax, Nova Scotia.

TRAINING AND TEACHING EXPERIENCE

- **Designer and Presenter of Continuing Education Courses Sponsored by the American Statistical Association.**

  2014   Designed the one-day continuing education course **"Take Your R Skills to the Next Level"** and presented it to participants attending the **Joint Statistical Meetings (JSM) 2014** organized by the American Statistical Association in Boston, Massachussets.

  2014   Designed the one-day continuing education course **"Elegant R Graphics with ggplot2"** and presented it to participants attending the **Conference on Statistical Practice (CSP) 2014** organized by the American Statistical Association in Tampa, Florida.

  2013   Designed the half-day continuing education course **"A Crash R Course on Statistical Graphics"** and presented it to participants attending the **Conference on Statistical Practice (CSP) 2013** organized by   the American Statistical Association in New Orleans, Louisiana.

- **Statistical Trainer and Consultant, Ghement Statistical Consulting Company and Ghement Statistical Consulting Company Ltd., 2006-Present.**

  Private Training Sessions:

  2016   Designed and presented a two-day private introductory R session for researchers affiliated with the British Columbia Ministry of Forests (March 3-4, 2016, Victoria, British Columbia, Canada). The Ministry is a British Columbia Government department responsible for managing the forests, lands and natural resources of the British Columbia province of Canada.

  2015   Designed and presented a three-day private refresher R session for researchers affiliated with the British Columbia Ministry of Forests (March 3-5, 2015, Nanaimo, British Columbia, Canada).

  2014   Designed and presented the three-day course **"An Introduction to the Statistical Software Package R"** for researchers affiliated with the Pacific Forestry Centre (February 4-6, 2014, Victoria, British Columbia, Canada). The Pacific Forestry Centre is one of five research centres within the Canadian Forest Service, whose research priorities include forest entomology and pathology, fire management, forest inventory and monitoring and climate change. The Canadian Forest Service is part of Natural Resources Canada, a federal government department of Canada.

  2012   Designed and presented a two-day private advanced R session for researchers affiliated with the Pacific Forestry Centre. (January 26-27, 2012, Victoria, British Columbia, Canada).

2011 Designed and presented a two-day private introductory R session for researchers affiliated with Golder and Associates Ltd. (November 17-18, 2011, Calgary, Alberta, Canada). Golder and Associates Ltd. is a consulting firm which provides comprehensive civil/geotechnical and environmental consulting services to a wide range of industries worldwide.

2011 Designed and presented a two-day private introductory R session for researchers affiliated with the Child and Family Research Institute (August 15-16, 2011, Vancouver, British Columbia, Canada). The Child and Family Research Institute conducts discovery, translational and clinical research to benefit the health of children and their families.

2011 Designed and presented a one-day private introductory R session for researchers affiliated with Population Data BC (May 27, 2011, Victoria, British Columbia, Canada). Population Data BC (PopData) is a multi-university, data and education resource based in British Columbia, Canada which facilitates interdisciplinary research on the determinants of human health, well-being and development.

2011 Designed and presented a two-day private introductory R session for researchers affiliated with the Pacific Biological Station (March 24-25, 2011, Nanaimo, British Columbia, Canada). The Pacific Biological Station is the principal fisheries research centre for British Columbia, the Northeast Pacific Ocean, and the Western Arctic and forms part of a network of major scientific facilities operated by Fisheries and Oceans Canada, which is a deparment of the federal Canadian government.

2011 Designed and presented a two-day private introductory R session for researchers affiliated with the Pacific Forestry Centre (March 3-4, 2011, Victoria, British Columbia, Canada).

2010 Designed and presented a two-day private introductory R session for researchers affiliated with the Child and Family Research Institute (May 27 and June 2, 2010, Vancouver, British Columbia, Canada).

2009 Designed and presented a one-day private advanced R session for researchers affiliated with the Pacific Biological Station (December 14, 2009, Nanaimo, British Columbia,Canada).

2009 Designed and presented a two-day private introductory R session for researchers affiliated with the Pacific Biological Station (December 3-4, 2009, Nanaimo, British Columbia, Canada).

2009 Designed and presented a one-day private introductory R session for researchers affiliated with Rescan Environmental Services Ltd. (October 29, 2009, Vancouver, B.C., Canada). Rescan Environmental Services Ltd is a private, Canadian-owned, environmental consulting firm offering a wide range of services to the resource development industry.

2008 Designed and presented a one-day private introductory R session for researchers affiliated with the British Columbia Ministry of Forests (November 20-21, 2008, Cowichan Lake, British Columbia, Canada).

2008 Designed and conducted several private training sessions on experimental design using R and Minitab for researchers affiliated with Ballard Power Systems (October, 2008, Burnaby, British Columbia, Canada). Ballard Power Systems designs and manufactures clean energy hydrogen fuel cells.

2008 Designed and presented a one-day private training session for researchers affiliated with the Pacific Biological Station on microarray data analysis using R and Bioconductor (May 22, 2008, Nanaimo, British Columbia, Canada).

2007   Designed and presented a one-day private training session for researchers affiliated with Environment Canada on the topics of Principal Component Analysis and Generalized Least Squares Regression (March, 2007, Vancouver, British Columbia, Canada). Environment Canada is a science-based department of the Federal Government of Canada which is tasked with protecting the environment, conserving the country's natural heritage and providing weather and meteorological information to the Canadian public.

Public Training Sessions:

2015   Designed, organized and presented the three-day public course **"Temporal Trend Detection and Analysis in the Environmental Sciences Using the Open-Source Statistical Software R" "** (May 13-15, 2015, Vancouver, British Columbia**).**

2014   Designed and presented the two-day public course **"Elegant statistical graphics with R and ggplot2"** (May 29-30, 2014, Vancouver, British Columbia, Canada).

2013   Designed, organized and presented the public course **"A Basic Course on Data Analysis Using R"** (November 7-8, 2013, Vancouver, British Columbia, Canada).

2011   Designed, organized and presented the public course **"An Introduction to the Statistical Software Package R"** (November 3-4, 2011, Vancouver, British Columbia).

2011   Designed, organized and presented the public course **"Advanced Statistical Modeling Using the Statistical Software Package R"** (May 5-6, 2011, Vancouver, British Columbia, Canada).

2011   Designed, organized and presented the two-day public course **"An Introduction to the Statistical Software Package R"** (March 30-31, 2011, Vancouver, British Columbia, Canada).

2010   Designed, organized and presented the public course **"Advanced Statistical Modeling Using the Statistical Software Package R"** (May 20-21, 2010, Vancouver, British Columbia, Canada).

2010   Designed, organized and presented the two-day public course **"An Introduction to the Statistical Software Package R"** (April 15-16, 2010, Vancouver, British Columbia, Canada).

2009   Designed, organized and presented the two-day public course **"An Introduction to the Statistical Software Package R"** (November 5-6, 2009, Vancouver, British Columbia, Canada).

2009   Designed, organized and presented the two-day public course **"An Introduction to the Statistical Software Package R"** (October 1-2, 2009, Vancouver, British Columbia, Canada).

2009   Designed, organized and presented the two-day public course **"An Introduction to the Statistical Software Package R"** (May 7-8, 2009, Vancouver, British Columbia, Canada).

2008   Designed, organized and presented the two-day public course **"Advanced Statistical Modeling Using the Statistical Software Package R"** (December 4-5, 2008, Vancouver, British Columbia, Canada).

2008   Designed, organized and presented the two-day public course **"An Introduction to the Statistical Software Package R"** (October 23-24, 2008, Vancouver, British Columbia, Canada).

2008   Designed, organized and presented the two-day public course **"A Basic Course on Analyzing Data Using R"** (May 28-29, 2008, Vancouver, British Columbia, Canada).

2008   Designed, organized and presented the two-day public course **"A Basic Course on Analyzing Data Using R"** (March 13-14, 2008, Vancouver, British Columbia, Canada).

2007   Designed, organized and presented the one-day public course **"Simple and Multiple Linear Regression Analyses in R"** (November 21, 2007, Vancouver, British Columbia, Canada)

2007   Designed, organized and presented the one-day public course **"An Introduction to the Statistical Software Package R"** (November 14, 2007, Vancouver, British Columbia, Canada).

2007   Designed, organized and presented the one-day public course "**An Introduction to the Statistical Software Package R"** (November 5, 2007, Vancouver, British Columbia, Canada).

2007   Designed, organized and presented the one-day public course **"Advanced Statistical Modeling Using the Statistical Software Package R"** (June 21, 2007, Vancouver, British Columbia, Canada).

2007   Designed, organized and presented the one-day public course **"An Introduction to the Statistical Software Package R"** (June 20, 2007, Vancouver, British Columbia, Canada).

2007   Designed, organized and presented the one-day public course **"An Introduction to the Statistical Software Package R"** (May 2, 2007, Vancouver, British Columbia, Canada).

2007   Designed, organized and presented the one-day public course **"Simple and Multiple Linear Regression Analyses in R"** (April 11, 2007, Vancouver, British Columbia, Canada).

2007   Designed, organized and presented the one-day public course **"An Introduction to the Statistical Software Package R"** (February 21, 2007).

• **Sessional Lecturer, Operations and Logistics Division, Sauder School of Business, University of British Columbia, Vancouver, British Columbia, Canada, September 2007-December 2012.**

   o   Responsible for teaching COMM 581 - "Statistical Methods I", an advanced graduate course on multiple linear regression models and generalized linear models, and COMM 291 – "Applications of Statistics In Business", an introductory undergraduate course on business statistics.

   o   Prepared and presented COMM 291 and 581 course materials, clarified statistical concepts and facilitated discussion with students.

   o   Designed and evaluated the COMM 581 midterm exam and offered exam preparation guidance to the students.

   o   Designed the final COMM 581 project and supervised project preparation.

   o   Designed and maintained the WebCT-based course website for both COMM 291 and 581.

• **Sessional Lecturer, Department of Statistics, University of British Columbia, Summer 2001 and Spring 2004.**

   o   Responsible for teaching STAT 200 - "Elementary Statistics with Applications", an introductory Statistics course for undergraduate students with a Science background.

   o   Prepared and presented course material, clarified statistical concepts and facilitated discussion with students.

   o   Administered quizzes to students to help them gauge their progress in the course and identify and overcome difficulties in understanding certain statistical concepts.

- o Designed and evaluated midterms and final exams and offered exam preparation guidance to the students.

- o Supervised the work of the Teaching Assistants who conducted the computer laboratories for the course.

- o Designed and maintained the HTML-based course website.

• **Organizer and Presenter, An Introduction to the R Statistical Package Workshop, University of British Columbia, January 2002, August 2002 and September 2003.**

- o Organized and presented three introductory workshops devoted to teaching participants the efficient use of the statistical package R for carrying out exploratory and formal data analyses in a Windows-based environment. The workshops were directed towards graduate students and post-graduate researchers. Two of these workshops were jointly organized with my colleague Lisa Kuramoto, M.Sc.

• **Head Teaching Assistant, University of British Columbia, 2002, 2003 and 2005.**

- o Coordinated the work of Teaching Assistants appointed for the course STAT 200 - "Elementary Statistics with Applications".

• **Teaching Assistant, University of British Columbia, 1998-2005.**

- o Conducted laboratory sessions, tutorials and office hours for the following courses: STAT 200 (introductory Statistics course for undergraduate Science students), STAT 203 (introductory Statistics course for undergraduate students from non-Science backgrounds), STAT 302 (Introduction to Probability) and STAT 306 (Applied Regression Analysis).

TEACHING TRAINING

• **Case Teaching Workshop.** Sauder School of Business, University of British Columbia, January/February 2010.

• **Faculty Instructional Skills Workshop.** Centre for Teaching and Academic Growth, University of British Columbia, October 13, 20 and 27, 2007.

- o Attended a 3-day workshop designed to enhance the teaching effectiveness of both new and experienced instructors.

• **TAG New Faculty Summer Series. The Art of Evaluation: Creating Rubrics.** Centre for Teaching and Academic Growth, University of British Columbia, August 23, 2007.

- o Attended a half-day workshop for new faculty members with a view to learning the art of student evaluation.

• **TAG New Faculty Summer Series. Course Planning: Creating Your Course from A to Z.** Centre for Teaching and Academic Growth (TAG), University of British Columbia, August 22, 2007.

- o Attended a 1-day workshop for new faculty members with a view to learning the fundamentals of academic course planning.

• **TAG New Faculty Summer Series. Surviving and Thriving the First Day and First Week of Class.** Centre for Teaching and Academic Growth (TAG), University of British Columbia, August 21, 2007.

- o Attended a half-day workshop for new faculty members with a view to mastering the instructional challenges of the first day and first week of a new class.

• **Instructional Skills Workshop for Graduate Students, 2001.**

- o Attended a 3-day Instructional Skills Workshops offered by The Centre for Teaching and Academic Growth (TAG) at the University of British Columbia. The workshop included

the opportunity to teach three short lessons and receive constructive feedback from participants and facilitators, as well as discuss issues related to planning a lesson, asking good questions, providing feedback to students and using audio-visual techniques in the classroom.

- **International Teaching Assistant Training Program, 1999.**

  o   Attended a 3-month cross-cultural communication program for graduate students who had recently arrived in Canada with a view to adapting international communication and teaching skills to Canada.

COMPUTER SKILLS

- Expertise with R, a language and environment for statistical analysis and graphics.

- Proficiency with WinBUGS, a programming environment for Bayesian data analysis.

- Proficiency with STATA, a programming environment for data analysis and graphics.

- Proficiency with S-PLUS, a programming environment for data analysis and graphics.

- Proficiency with MATLAB, a flexible environment for visualizing data, performing data analyses and programming algorithms.

- Proficiency with JMP, a menu-based statistical software package.

- Familiarity with SAS and SPSS, programming environments for data analysis and graphics.

- Proficiency with the programming language C.

- Proficiency with LaTeX, a scientific document preparation system.

- Proficiency with web page design using HTML and CSS.

- Proficiency with the operating systems Unix and Windows.

AWARDS

- **Statistical Society of Canada Travel Award, 2003.**
Travel award offered by the Biostatistics Section of the Statistical Society of Canada to graduate students invited to attended the 2003 Statistical Society of Canada meeting in Halifax, Nova Scotia, Canada.

- **Pacific Institute for Mathematical Sciences Travel Scholarship, 2001.**
Travel award offered by the Pacific Institute for Mathematical Sciences to selected graduate students attending the Workshop in Statistical Genetics and Computational Molecular Biology, Seattle, Washington, December 16-18, 2001.

- **The Soros Foundation for an Open Society Travel Award, 1998.**
Travel award sponsoring the air travel expenses of students accepted into applied M.Sc. or Ph.D. programmes offered by North-American Universities.

- **Graduate Student Fellowship, University of Bucharest, Romania, 1996-1997.**
Merit scholarship awarded to graduate students based on their academic performance.

- **Undergraduate Student Fellowship, University of Bucharest, Romania, 1994-1996.**
Merit scholarship awarded to undergraduate students based on their academic performance.

STATISTICAL CONFERENCES AND WORKSHOPS ATTENDED

- **The American Statistical Association's Conference on Statistical Practice (CSP)**, San Diego, California, February 18 – 20, 2016.

- **The American Statistical Association's Joint Statistical Meetings (JSM)**, Seattle, Washington, August 8 – 13, 2015.

- **The R User Conference (UseR!)**, UCLA, Los Angeles, California, June 30 – July 3, 2014.

- **The American Statistical Association's Joint Statistical Meetings (JSM)**, Boston, Massachussets, August 2 – 7, 2014.

- **The American Statistical Association's Conference on Statistical Practice (CSP)**, Tampa, Florida, February 20 – 22, 2014.

- **The American Statistical Association's Joint Statistical Meetings (JSM)**, Montreal, Canada, August 3 – 8, 2013.

- **The American Statistical Association's Conference on Statistical Practice (CSP)**, New Orleans, Louisiana, February 21 – 23, 2013.

- **The American Statistical Association's Joint Statistical Meetings (JSM)**, San Diego, California, July 28 – August 2, 2012.

- **Society of Clinical Trials Annual Meeting**, Vancouver, British Columbia, May 15-18, 2011.

- **4th Seattle Symposium in Biostatistics**, University of Washington, Seattle, Washington, U.S.A., November 20-23, 2010.

- **The American Statistical Association's Joint Statistical Meetings (JSM)**, Vancouver, British Columbia, July 31-August 5, 2010.

- **Pacific Northwest Statistics Meeting**, Kelowna, British Columbia, October 1, 2005.

- **Pacific Northwest Statistics Meeting**, Vancouver, British Columbia, October 8, 2004.

- **Functional Data Analysis Workshop**, Vancouver, British Columbia, December 10 – 11, 2004.

- **Air Quality and Health Seminar: "Air Pollution and Health in BC and the Pacific Northwest...how big a problem?"**, Vancouver, British Columbia, October 21, 2003.

- **31st Annual Meeting of the Statistical Society of Canada**, Dalhousie University, Halifax, Nova Scotia, June 8 – 11, 2003.

- **International Conference on Current Advances and Trends in Nonparametric Statistics**, Crete, Greece, July 15 -19, 2002. The conference was sponsored by the National Science Foundation (USA), the National Security Agency (USA) and the Ministry of Education and Religion (Greece).

- **Workshop in Statistical Genetics and Computational Molecular Biology**, University of Washington, Seattle, Washington, U.S.A., December 16 – 18, 2001.

- **Applications in Smoothing Workshop**, University of British Columbia, June 23 – 25, 1999.

NON-STATISTICAL CONFERENCES AND WORKSHOPS ATTENDED

• **Project Management Principles and Practices**, 2004.
 2-day workshop on project management offered by the Faculty of Graduate Studies,
 University of British Columbia, through the Professional Development Initiative.

• **Learning to Lead**, 2003.
 3-day leadership conference held by the Minerva Foundation for British Columbia Women.

PROFESSIONAL MEMBERSHIPS

• **The American Statistical Association.**

• **The Statistical Society of Canada.**

UNIVERSITY SERVICE

• **Councillor, Graduate Student Society of UBC, August 2002-April 2003.**
Elected by the graduate students in the Department of Statistics, University of British Columbia, to represent the Department in the Graduate Student Society Council, the ultimate decision-making body of the Graduate Student Society of the University of British Columbia. My responsibility was to voice concerns graduate students in the Department of Statistics might have about issues pertaining to the entire body of graduate students at the University of British Columbia and to act as a liaison between the Council and the Department of Statistics.

• **Department Representative, CUPE Local 2278, University of British Columbia, September 2002-August 2003.**
All students employed as teaching assistants (TAs) or markers at the University of British Columbia are members of a large community called Canadian Union of Public Employees (CUPE) Local 2278. This union provides TAs with a variety of informal/formal assistance based on their interests and concerns every year. My responsibility was to act as a liaison between the Department of Statistics and CUPE.

• **Originated and coordinated** graduate students' successful efforts in nominating Ms. Christine Graham, formerly Graduate Student Co-ordinator in the Department of Statistics, University of British Columbia, for the 2002 Graduate Student Society Service Award.

SERVICE TO PROFESSION

• **The American Statistical Association.** Member of the Steering Committee responsible for organizing the 2015 and 2016 Conference on Statistical Practice (2014 - Present).

• **Section on Statistical Consulting, American Statistical Association.** Program Chair for the Joint Statistical Meetings (JSM) 2016.

• Organized and chaired the contributed panel session **"Communicating Statistical Findings to Consulting Clients Operating in a Decisionmaking Climate: Best and Worst Practices"**, which took place at the American Statistical Association's Joint Statistical Meetings (JSM) 2014 in Boston, Massachussets.

• Organized and chaired the invited panel session **"Secrets to Effective Communication for Statistical Consultants"**, which took place at the American Statistical Association's Joint Statistical Meetings (JSM) 2013 in Montreal, Canada.

EXTRA-CURRICULAR INTERESTS

- I enjoy reading, sailing, nature walks and travelling to other countries.

REFERENCES

- I would be pleased to supply references upon request.