

## **CURRICULUM VITAE**

### **PATRICK FRANK DeLUCA**

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#### **Educational Background**

##### **Degrees and Certificates:**

- 2005 M.A., Geography, McMaster University, Hamilton, Ontario
- 1996 GIS Specialist Certificate, McMaster University and Mohawk College, Hamilton, Ontario
- 1995 B.Sc (Hons), Geography & Environmental Science, McMaster University, Hamilton, Ontario

##### **Professional Certifications:**

- 2008 Geographic Information Systems Professional, GISci Certification Institute

#### **Current Status at McMaster University**

- 2005 – Present GIS Specialist, School of Geography and Earth Sciences
- 2005 – Present Instructional Assistant, School of Geography and Earth Sciences
- 2005 – Present Sessional Lecturer, School of Geography and Earth Sciences

#### **Professional Organizations**

- 2014 – Present Canadian Society for Italian Studies
- 2005 – Present Canadian Association of Geographers
- 2005 – Present American Association of Geographers

## **Employment History**

### **Academic:**

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| 2015 – Present | McMaster University, School of Geography & Earth Sciences<br>GIS Specialist & Instructional Assistant        |
| 2005 - Present | McMaster University, School of Geography & Earth Sciences<br>Sessional Lecturer                              |
| 2005 - 2015    | McMaster University, School of Geography & Earth Sciences<br>Systems Administrator & Instructional Assistant |
| 2001 - 2004    | McMaster University, School of Geography & Earth Sciences<br>GIS Resource Assistant                          |
| 2001 - 2004    | McMaster University, School of Geography & Earth Sciences<br>Instructor                                      |
| 1997 - 2004    | McMaster University, School of Geography & Geology<br>Teaching Assistant                                     |
| 1999 - 2002    | McMaster University, Centre for Continuing Education<br>Instructor   |
| 1997 - 2001    | McMaster University, Centre for Spatial Analysis<br>GIS Analyst  |
| 1996 - 1996    | Mohawk College, Hamilton, Ontario<br>Instructor  |

### **Consultation:**

|             |                                     |                      |
|-------------|-------------------------------------|----------------------|
| 2001 - 2008 | Delstat Solutions (Sole Proprietor) | Consultant / Analyst |
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## **Scholarly and Professional Activities:**

### **Journal Referee:**

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| 2015 | Area (1 Review)  |
| 2015 | Journal of the Royal Geographical Society (1 Review)                         |
| 2013 | International Journal of Environmental Research and Public Health (1 review) |
| 2013 | Journal of Geographical Systems (1 review)                                   |

2011 International Journal of Environmental Health Research (2 reviews)  
2010 Journal of Geographical Systems (2 reviews)

**Conference Referee:**

2015 ESRI Canada Education Conference, Toronto, Ontario  
2015 Trailhead Ontario Conference, Hamilton, Ontario  
2014 ESRI Canada User Conference, Toronto, Ontario  
2013 ESRI Canada Education Conference, Toronto, Ontario

**Areas of Interest**

**Research:**

- Environment and Health
- Air Quality Monitoring, Modeling and Mapping
- Regional variations in quality of health and health care
- Quantitative methods in Geography and Geographical Information Systems

**Teaching:**

- Geographical Information Systems
- Remote Sensing
- 3D GIS
- Spatial Statistics
- Web GIS
- Regional Geography of Italy

**Courses Taught (2011 – 2015)**

**Sessional Lecturer:**

- Remote Sensing, GEOG 3SR3, McMaster University, Sep – Dec, 2015 (73 students), Sep – Dec, 2014 (61 students)
- Applied Spatial Statistics, GEOG 4SA3, McMaster University, Sep – Dec, 2015 (27 students), Sep – Dec, 2012 (39 students), Sep – Dec 2009 (22 students)
- Special Topics in GIS: Advances in Geospatial Techniques , GEOG 4GT3, Jan – Apr, 2015 (17 students)
- Statistical Analysis, GEOG 3MB3, McMaster University, Jan – Apr, 2015 (122 students)

- Geography of Italy, GEOG 3RW3, McMaster University, May – Jun, 2014 (23 students), Sep – Dec, 2012 (167 students), May – Jun, 2012 (30 students)
- Advanced Raster GIS, GEOG 3GI3, McMaster University, Sep – Dec, 2013 (63 students), Jan – Apr, 2013 (63 students), Jan – Apr 2012 (52 students), Jan – Apr 2011 (42 students), Jan – Apr 2010 (21 students), Jan – Apr 2009 (51 students)
- Introduction to GIS, GEOG 2GI3, McMaster University, May – Jun, 2013 (38 Students), May – Jun, 2012 (41 students), Sep – Dec, 2011 (166 students), May-Jun, 2011 (43 students) May-Jun, 2010 (24 students), May-Jun, 2009 (38 students), Sep – Dec 2008 (124 students)

#### **Instructional Assistant:**

- Applied Spatial Statistics, GEOG 4GA3, McMaster University, Sep – Dec, 2014 (20 students), Sep – Dec, 2013 (24 students)
- Statistical Analysis, GEOG 3MB3, McMaster University, Jan – Apr 2014 (58 students)
- Statistical Analysis, GEOG 2MB3, McMaster University, Jan – Apr 2013, (120 students), Jan – Apr 2012 (118 students), Jan – Apr 2011 (71 students) Jan - Apr 2010 (99 students), Jan-Apr 2009 (121 students)
- Advanced Vector GIS, GEOG 4GI3, McMaster University, Jan-Apr 2012 (23 students), Sep-Dec 2010 (26 students), Sep – Dec 2009 (29 students), Jan-Apr 2009 (16 students)
- Applied Spatial Statistics, GEOG 3SA3, McMaster University, Sep-Dec 2011 (8 students), Sep-Dec 2010 (31 students), Sep-Dec 2009 (22 students), Sep-Dec 2008 (36 students)

#### **Contributions to Teaching Practice**

- 2015 Developed course curriculum for GEOG 4GT3 – Special Topics in GIS: Advances in Geospatial Techniques including exercise materials.
- 2014 Developed course curriculum for GEOG 3SR3 – Remote Sensing including exercise materials.
- 2014 Selected to review and update the US Department of Labor’s Geospatial Technology Competency Model used by Colleges and Universities to guide their curriculum development.
- 2013 Continually update and develop core evaluation materials for several courses related to GIS (GEOG 2GI3, 3GI3) and spatial analysis (GEOG 3MB3, 4GA3).

- 2013 Active participant in the IQAP process for the School of Geography and Geology.
- 2012 Developed course curriculum for GEOG 3RW3 – Geography of Italy.
- 2012 Developed the “What is GIS?” lecture series for all first courses in Geography and Earth Sciences and Integrated Science Program.

### **Supervisorships**

#### **Undergraduate Theses:**

- 2014 – 2015, BSc Supervisor, Craig Allison
- 2012 – 2013, BA Supervisor, Paolo Succi
- 2011 – 2012, BSc Supervisor, Shane Stratton
- 2008 – 2009, BSc Supervisor, Chris McGuire

#### **GIS Final Projects:**

- 2015 Amir Louaar
- 2014 Rebecca Jahns
- 2012 Andrew Meyer
- 2012 Michael Zablocki
- 2012 Ian Dransutavicius

### **Publications (Lifetime)**

#### **Peer Reviewed:**

##### **a) Contributions to Books**

- DeLuca, PF and Kanaroglou, PS (2015). An Assessment of Online Geocoding Services for Health Research in a Mid-Sized Canadian City. In Kanaroglou, PS, Delmelle, E, Paez, HA (eds). *Spatial Analysis in Health Geography*, Ashgate Publishing, UK, pp 31-46.
- Krewski, D, Jerret, M, Burnett, RT, Ma, R, Hughes, E, Shi, Y, Turner, MC, Pope, CA, Thurston, G, Calle, E, Thun, MJ, Beckerman, B, DeLuca, PF, Finkelstein, N, Ito, K, Moore, DK, Newbold, KB, Ramsay, T, Ross, Z, Shin, H and Tempalski, B, (2009). *Extended Follow-up and Spatial Analysis of the American Cancer Society Study Linking Air Pollutions and Mortality*. Research Report Health Effects Institute May (140): 5 – 114; discussion 115-36.
- Jerrett, M, DeLuca, PF, Finkelstein, N. Phase II: Sensitivity Analysis (Chapters 1, 3 and 4). In Krewski, D, Burnett, RT, Goldberg, MS, Hoover, K, Siemiatycki, J, Jerrett, M, Abrahamowicz, M, White, WH. (2000). *Reanalysis of the Harvard Six Cities Study and the American Cancer Society Study of Particulate Air Pollution and Mortality*. Special Report. Health Effects Institute, Cambridge MA.

## b) Journal Articles

- DeLuca, P.F. and Kanaroglou, P.S. (2015). Code Red: explaining average age of death in the City of Hamilton. *AIMS Public Health*, 2(4): 730-745, doi: 10.3934/publichealth.2015.4.730
- Simone, D., Kitchen, P., Williams, A., DeLuca, P. (2014). Voter Turnout in Hamilton, Canada: Accounting for Discrepancies Between Self-reported and Official Turnout in Three Neighbourhoods. *Canadian Journal of Regional Science*, 37(1), 11-17.
- Kanaroglou, P.S., Adams, M.D., De Luca, P.F., Corr, D., & Sohel, N. (2013). Estimation of Sulfur Dioxide Air Pollution Concentrations with a Spatial Autoregressive Model. *Atmospheric Environment*, 79: 421-427.
- DeLuca, PF, Buist, S, Johnston, N (2012). Engaging Communities in Health System Change – The Code Red Project in Hamilton, Canada. *Social Indicators Research*, 108(2):317-327.
- Adams, MD, DeLuca, PF, Corr, D, Kanaroglou, PS (2012). Mobile Air Monitoring: Measuring Change in Air Quality in the City of Hamilton, 2005 – 2010. *Social Indicators Research* 108(2):351-364.
- DeLuca, PF, Corr, D, Wallace, J, Kanaroglou, P (2012). Effective Mitigation Efforts to Reduce Road Dust near industrial sites: Assessment by Mobile Pollution Surveys. *Journal of Environmental Management*, 98: 112-118.
- Merchant, AT, DeLuca, PF, Shubair, M, Emili, J, Kanaroglou, P. (2011). Local data for obesity prevention: using national datasets. *Professional Geographer* 63(4): 550-559.
- Sofowote, UM, Hung, H, Rastogi, AK, Westgate, JN, DeLuca, PF, Su, Y, McCarry, BE (2011). Assessing the Long Range Transport of PAHs to a Sub-Arctic Site using Positive Matrix Factorization and Potential Source Contribution Function. *Atmospheric Environment*, 45: 967-976.
- Wallace, J, Corr, D, DeLuca, P, Kanaroglou, P, McCarry, B (2009). Mobile monitoring of air pollution in cities: the case of Hamilton, Ontario, Canada. *Journal of Environmental Monitoring*, 11(5): 998-1003.
- Newbold, KB, DeLuca, PF (2007). Short-term residential changes to Toronto's immigrant communities: Evidence from LSIC Wave 1. *Urban Geography*, 28(7): 635-656.
- Jerrett M, Newbold KB, Burnett RT, Thurston G, Lall R, Pope CA III, Ma R, DeLuca P, Thun MJ, Calle EE, Krewski D. (2007) Exploring uncertainties in the health benefits from air quality improvements. *Stochastic Environmental Research & Risk Assessment* (SERRA) 21:511-522.

- Jerrett, ML, Buzzelli, M, Burnett, R, DeLuca, PF (2005). Particulate air pollution, social confounders and mortality in small areas of an industrial city. *Social Science and Medicine*. 60(2005): 2845 – 2863.
- Jerrett, ML, Burnett, R, Willis, A, Krewski, D, Goldberg, MS, DeLuca, PF, Finkelstein, N (2003). Spatial analysis of the air pollution-mortality relationship in the context of ecologic confounders. *Journal of Toxicology and Environmental Health*. 66(16-19): 1735-1778.
- Finkelstein, MM, Jerrett, ML, DeLuca, PF, Finkelstein, N, Verma, D, Chapman, K, Sears, M (2003). Environmental justice: a cohort study of income, air pollution and mortality. *Canadian Medical Association Journal*. 169(5): 397-402
- Elliott, SJ, Eyles, JD, DeLuca, PF (2001). Mapping health in the Great Lakes Areas of Concern: a policy friendly tool for decision-makers. *Environmental Health Perspectives*. 109(S6):817-826.
- Buliung, RN, DeLuca, PF (2000). Spatial patterns on demand for education at McMaster University. *Journal of Geographic Information and Decision Analysis*. 4(2): 37-51.

#### **Non-Peer Reviewed:**

##### **a) Journal Articles**

- DeLuca, PF, Kanaroglou, PS. (2008). Effects of alternative point pattern geocoding procedures of health data on first and second order statistical measures. *Journal of Spatial Science*, 53(1):131-141.

##### **b) Conference Proceedings**

- Adams M.D., Kelly R.M., De Luca P.F., Corr, D., and Kanaroglou P. (2013). Air quality health index mapping: a data driven modelling approach. 13th International Conference on Environmental Science and Technology 2013, Athens, Greece.
- DeLuca, PF, Elliott, SJ, Eyles, J, Carpenter, DO, Le, L. Cross-Border Comparisons of Environment and Health: Mapping Health in the Great Lakes Areas of Concern in Ontario and New York State. Crossing Borders Commemorative Issue, 2002.

##### **c) Unpublished Documents**

- DeLuca, PF, Benoit, C. CALINE+ Technical Report and User Guide: An enhancement of CALINE-3 for measurement of carbon monoxide emissions integrating various data sets. Centre for Spatial Analysis, McMaster University, June 2007.

- Muggah, H, Elliott, S, Eyles, J, Kanaroglou, P, Wainman, B, DeLuca, P, Burra, T, Haalboom B, MacKinnon, G, Mersereau, H, Odo, T, Routledge, M. Impact of the Tar Ponds / Coke Ovens Site on Reproductive and Psychosocial Health on Sydney Area Residents, Cape Breton, Nova Scotia, Summary Report to Health Canada. Summary of Completed Research with Analysis and Maps, 85 pages, May, 2005.
- Buliung, R, Kanaroglu, PS, DeLuca, PF, Maynard, GS. Geo-demographic Marketing and Student Recruitment. The Enrollment Management Committee, McMaster University. September, 2000.
- Eyles, J, Elliott, SJ, DeLuca, PF. IJC Health Mapping Project: Analysis and Commentary of 17 Health Canada Reports. International Joint Commission. October, 2000.
- Anderson, WP, Kanaroglou, PS, Brown, M, DeLuca, PF. Transportation and the US Space Economy, prepared for the Bureau of Transportation Statistics, U.S. Department of Transportation, 1998.

### **Presentations at Meetings**

#### **Invited:**

- DeLuca, PF. Income and Wealth Inequalities and Health: The Code Red Project. Presented at Democracy Probe International Meeting, Hamilton, Ontario, October 8, 2014
- DeLuca, PF. Engaging Communities in Health System Change Through Mapping: The Code Red Project. Presented at Southwestern ESRI User Conference, London, Ontario, April 9, 2013
- DeLuca, PF. Code Red: Engaging Communities in Health System Change. Presented at McMaster Student International Health Initiative Conference, McMaster University, January 15, 2012.
- DeLuca, PF, Corr, D, Wallace, J, Kanaroglou, PS. An Effective Mitigation Strategy to Reduce Road Dust near Industrial Sites in Hamilton, Ontario. Presented at Canadian Regional Science Association Virtual Conference, November 28 – December 9, 2011.
- DeLuca, PF. Cluster Analysis Using SaTScan. Presented at Association of Public Health Epidemiologists of Ontario Annual Conference, October 14-16, 2007.
- DeLuca, PF. CALINE+. Presented at The Monitoring and Modeling Workshop, McMaster, University, November 22, 2006.



- DeLuca, PF. Business Geographics. Presented at GIS Day 2005, McMaster University, Hamilton, Ontario, November, 2005.
- DeLuca, PF, Muggah, H, Kanaroglou, PS, Wainman, B, Odo, T, Mersereau, H. Early Pregnancy Loss and Toxic Exposure Mapping of Sydney Area Residents, Nova Scotia. Poster presented at Canadian Workshop on Human Reproduction and Reproductive Biology, Ottawa, Ontario, May 3-4, 2004.
- DeLuca, PF. GIS and Environmental Applications – The Sydney Tar Ponds. Presented at: GIS Day 2003, McMaster University, Hamilton, Ontario, November, 2003.
- DeLuca, PF, Elliott, SJ, Eyles, J. Mapping Health in the Great Lakes: Areas of Concern. Presented at: Crossing Borders, 2002, Canisius College, Buffalo, New York, September, 2002.
- DeLuca, PF, Elliott, SJ, Walter, SD, Abernathy, T, Taylor, SM. The Analysis of Cardiovascular Disease Hot Spots in Ontario. Presented at: 97<sup>th</sup> Annual Meeting of the American Association of Geographers, New York, New York, March 2001.
- DeLuca, PF. “Patterns of Cardiovascular Disease Mortality in Ontario.” Presented at: GIS Day 2000, McMaster University, Hamilton, Ontario, November, 2000.
- DeLuca, PF, Muggah, H, Wainman, B, Eyles, J. “Impact of the Tar Ponds/Coke Oven Sites on Reproductive and Psychosocial Health of Sydney Area Residents, Cape Breton. Presented during Rounds at McMaster University Medical Centre, Hamilton, Ontario, October, 2000.
- DeLuca, PF, Elliott, SJ, Walter, SD, Abernathy, T, Taylor, SM. Spatial and Temporal Variation in Cardiovascular Disease Mortality in Ontario, 1986-89, 1990-94. Poster presented at: CAGONT 99, McMaster University, Hamilton, Ontario, Canada, October, 1999.
- DeLuca, PF. “Using GIS to Assist in Health Care Planning for St. Joseph’s Community Health Centre.” Presented at: Geographical Information Systems Symposium, McMaster University, Hamilton, Ontario, October, 1998.

## 2. Contributed

- Sword, W., Eyles, J., DeLuca, P., Heaman, M., Kingston, D., Buist, S., Johnston, N., & Sprague, A. (October 17, 2015). *Place of residence and maternal health behaviours*. 8<sup>th</sup> European Public Health Conference. Milan, Italy.
- Sword, W., Eyles, J., DeLuca, P., Heaman, M., Kingston, D., Sheehan, D., Mackie, C., Buist, S., Johnston, N., & Sprague, A. (March 2014). *Does neighbourhood matter? A study of maternal health behaviours*. SGI 61<sup>st</sup> Annual Scientific Meeting. Florence, Italy.

- Sword, W., Eyles, J., DeLuca, P., Heaman, M., Kingston, D., Sheehan, D., Mackie, C., Buist, S., Johnston, N., & Sprague, A. (February 2014). *Does neighbourhood matter? A study of maternal health behaviours*. Accepted for presentation at Canadian National Perinatal Research Meeting. Banff, ALTA.
- Corr, DJ, DeLuca, PF, Wallace, J, Kanaroglou, PS. Ride Your Bicycle Upwind. Presented at: Upwind Downwind Conference, Hamilton, Ontario, Canada, February 25, 2008.
- Newbold, KB, DeLuca PF. Short-Term Spatial Changes to Toronto's Immigrant Community. Paper presented at the 46<sup>th</sup> Annual Meetings of the WRSA, Newport Beach CA, February 2007.
- Wainman, B, DeLuca, PF, Muggah, H, Kanaroglou, PS, Elliott, SJ, Eyles, J. A GIS based analysis of reproductive health, psychosocial attitudes and contaminant loads in Sydney, Nova Scotia residents. Poster presented at: F.L. Johnson Day in Reproductive Health Research, Royal Botanical Gardens, Hamilton, Ontario, January 19, 2005.
- Muggah, H, Kanaroglou, PS, DeLuca, PF, Wainman, B, Eyles, J, Elliott, SJ, Odo, T, Mersereau, H (2003). Early Pregnancy Loss and Toxic Exposure Mapping of Sydney Area Residents, Nova Scotia. Poster presented at Society of Obstetricians and Gynecologists of Canada, Annual Clinical Meeting, Charlottetown P.E.I, June 23, 2003
- Kanaragolou, PS, DeLuca, PF, Muggah, H, Elliott, SJ, Eyles, J, Wainman, B. Spatial Modelling of Miscarriages in the Sydney Tar Ponds, Nova Scotia, Canada. Poster presented at EUROHEIS/SASHU Conference, Ostersund, Sweden, March, 2003.
- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, DeLuca, PF, Finkelstein, N. Spatial analysis of the air pollution-mortality association: Findings from the Reanalysis of the American Cancer Society Study. Presented to: Department of Preventive Medicine, University of Southern California, March, 2002.
- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, DeLuca, PF, Finkelstein, N. Spatial analysis of the air pollution-mortality association: Findings from the Reanalysis of the American Cancer Society Study. Presented to the special workshop in Spatial Statistics and GIS for air pollution research. Co-hosted by the Southern California Children's Environmental Health Centre and the Department of Preventive Medicine, University of Southern California, March 2002.
- Dijetror, G, Elliott, SJ, Abernathy, T, Walter, SD, DeLuca, PF, Taylor, SM. Toward Understanding Geographic Variation in Cardiovascular Disease Mortality. Presented at: 98<sup>th</sup> Annual Meeting of the American Association of Geographers, Los Angeles, California, March 2002.

- Jerrett, ML, Burra, TA, Burnett, R, Kanaroglou, PS, DeLuca, PF, Burnett, R. Spatial analysis of the association between particulate air pollution and mortality in Hamilton, Canada. Poster presented at: Toxic Substances Research Initiative Regional Conference, Vancouver. November, 2001.
- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, DeLuca, PF, Finkelstein, N. Spatial Analysis of the Air Pollution-Mortality Relationship in the Context of Ecologic Confounders. Presented at: GeoMed 2001 Biannual Conference, Paris, France, October 19, 2001. Discussant: Dr. D. Thomas, Division of Biostatistics, University of Southern California.
- Burra, TA, Jerrett, ML, Burnett, R, Kanaroglou, PS, DeLuca, PF. Spatial analysis of the association between particulate air pollution and mortality in Hamilton, Canada. Poster presented at the Hamilton DataShare Conference, June, 2001.
- Dijetror, G, Elliott, SJ, Abernathy, T, Walter, SD, Taylor, SM, DeLuca, PF. Geographic Variation in Cardiovascular Disease Mortality and Morbidity in Ontario, 1986-1994. Presented at: Canadian Association of Geographers 2001 Annual Meeting, McGill University, Montreal, Canada, June, 2001.
- Burra, TA, Jerrett, ML, Burnett, R, Kanaroglou, PS, DeLuca, PF, Finkelstein, N, Brook, JR. Spatial Analysis of the Association between Particulate Air Pollution and Mortality in Hamilton, Canada. Poster presented at: Health Effects Institute 2001 Annual Conference, Washington D.C., April 29 – May 1, 2001.
- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, Finkelstein, N, DeLuca, PF. Spatial analysis of the air pollution-mortality association: Findings from the Reanalysis of the American Cancer Society Study. Cancer Care Ontario Preventative Oncology Seminar, Co-sponsored by the Canadian Cancer Society, April 2001.
- Dijetror, G, Elliott, SJ, Abernathy, T, Walter, SD, Taylor, SM, DeLuca, PF. Geographic Variation in Cardiovascular Disease Mortality and Morbidity in Ontario, 1986-1994. Presented at: 97<sup>th</sup> Annual Meeting of the American Association of Geographers, New York, New York, March 2001.
- Burra, TA, Jerrett, ML, Burnett, R, Kanaroglou, PS, DeLuca, PF, Finkelstein, N, Brook, JR. Spatial Analysis of the Association between Particulate Air Pollution and Mortality in Hamilton, Canada. Poster presented at: 97<sup>th</sup> Annual Meeting of the American Association of Geographers, New York, New York, March 2001.
- Kanaroglou, PS, Soulakellis, NA, Sifakis, NI, DeLuca, PF. Improvement of Satellite Derived Pollution Maps with the Use of a Geostatistical Interpolation Method. Presented at: 40<sup>th</sup> Annual Meeting of the Western Regional Science Association, Palm Springs California, February, 2001

- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, DeLuca, PF, Finkelstein, N. Spatial analysis of the air pollution-health relationship in social and environmental context: Findings from the Epidemiology Reanalysis Project. Presented at: Occupational and Environmental Medicine Program, McMaster University. January, 2001
- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, DeLuca, PF, Finkelstein, N. Spatial analysis of the air pollution-health relationship in the context of ecologic confounders. Presented to the Network for Environmental Risk Assessment and Management Colloquium, Health and Air Quality: Interpreting Science for Decision Makers, January, 2001. Discussant: Dr. M. Hayes, Professor, Simon Fraser University.
- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, DeLuca, PF, Finkelstien, N. Spatial Analysis of the Air Pollution-Health Relationship in Social and Environmental Context: Preliminary Findings from the Epidemiology Re-analysis Project. Presented at: State University of New York at Buffalo, November, 2000.
- Eyles, J, Elliott, SJ, DeLuca, PF. "Environmental Health Effects in the Great Lakes Basin: Risk or Reality?" Presented at: GIS Day 2000, McMaster University, Hamilton, Ontario, November, 2000.
- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, DeLuca, PF, Finkelstein, N. Spatial analysis of the air pollution-health relationship in social and environmental context: Findings from the Epidemiology Reanalysis Project. Presented at: McMaster Institute of Environment and Health Seminar Series, Hamilton, Canada, November, 2000
- Jerrett, ML, Burnett, R, Krewski, D, Willis, A, Goldberg, MS, DeLuca, PF, Finkelstien, N. Spatial Analysis of the Air Pollution-Health Relationship in Social and Environmental Context: Preliminary Findings from the Epidemiology Re-analysis Project. Presented at: International Symposium in Medical Geography, Montreal, Canada, July 2000.
- Djietror, G, Elliott, SJ, Abernathy, T, Walter, SD, Taylor, SM, DeLuca, PF. Geographic Variation in Cardiovascular Disease Mortality and Morbidity in Ontario, 1986-1994. Presented at: International Symposium in Medical Geography, Montreal, Canada, July 2000.
- Elliott, SJ, Walter, SD, Djietror, G, DeLuca, PF. Toward an Understanding of Geographic Variation in Women's Heart Health. Presented at: International Conference on Women, Heart Disease and Stroke, Victoria Conference Centre, Victoria, British Columbia, May 2000.
- Djietror, G, Elliott, SJ, Abernathy, T, Walter, SD, Taylor, SM, DeLuca, PF. Geographic Variation in Cardiovascular Disease Mortality and Morbidity in Ontario, 1986-1994. Presented at: Canadian Association of Geographers 2000 Annual Meeting, Brock University,

St. Catharines, Ontario, May 2000 (Received honourable mention for the Student Prize in the Health and Health Care Specialty Group).

- Petrone, RM, Carey, SK, Woo, MK, Martz, L, DeLuca, PF. Statistical characteristics and representation of soil moisture in a subarctic environment. Poster presented at: 26<sup>th</sup> Annual Meeting of the Canadian Geophysical Union, Banff, Alberta, Canada, May 2000.
- Djietror, G, Elliott, SJ, DeLuca, PF, Abernathy, T, Walter, SD, Taylor, SM. Towards an understanding of geographic variation in cardiovascular disease mortality and morbidity in Ontario, 1986 – 1994. Presented at: Ontario Public Health Association, Toronto, Ontario, Canada, November, 1999.
- Elliott, SJ, Eyles, JD, DeLuca, PF. Mapping Health in the Great Lakes Areas of Concern. Presented at: 98<sup>th</sup> Annual Meeting of the American Association of Geographers, Los Angeles, California, March 2002.
- Anderson, WP, Kanaroglou, PS, DeLuca, PF. Freight Accessibility and the Spatial Pattern of US Production. Presented at: Transportation Research Board Meetings, Washington, D.C. January, 1999.

### **Administrative Responsibilities**

#### **Department:**

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| 2014 – Present | Coordinator of Esri Canada Centre of Excellence for GIS           |
| 2014 – Present | School of Geography & Earth Sciences Timetable Committee          |
| 2012 – Present | School of Geography & Earth Sciences Teaching Assistant Committee |
| 2012 – Present | School of Geography & Earth Sciences Social Media Committee       |
| 2012           | School of Geography and Earth Science Director Search Committee   |
| 2009 – Present | Coordinator of Esri Development Centre                            |

#### **Faculty:**

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| 2013 | Faculty of Science Dean's Search Committee |
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#### **University:**

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| 2011 | Reviewer assessing the services and collections of the Lloyd G. Reeds Map Collection |
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