

**CURRICULUM VITAE**  
**Martin Crozier, MSc, MA, PhD**

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**Personal Information**

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Full Name: Martin Vance Crozier

Address: University of Windsor, Biology Building Rm.201,  
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- WSU: [am0246@wayne.edu](mailto:am0246@wayne.edu)

Citizenship: Canadian

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**Education**

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2009-2014 Ph.D., University of Windsor, Windsor, ON, Dept. Biological Sciences  
*Thesis: The pleiotropic effects of dexamethasone on breast cancer cell behaviour.*  
Advisor: Dr. Lisa Porter

2007-2008 M.A. in Philosophy; University of Windsor, ON, Dept. Philosophy

2002-2004 M.Sc in Molecular Biotechnology; Wayne State University, Detroit, MI, Dept.  
Biological Sciences.  
Advisor: Dr. Philip Cunningham

1997-2001 B.Sc., University of Prince Edward Island, Charlottetown, PEI, Dept. Biology

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**Positions**

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2016 – pres. Lecturer  
Department of Biological Science, Wayne State University, Detroit, MI

2008 – pres. Sessional Instructor  
Department of Biological Sciences, University of Windsor, Ontario

2004-pres. Adjunct Faculty  
Department of Biological Sciences, Wayne State University, Detroit, MI

- 2009 – 2014 Graduate Assistant  
Department of Biological Sciences, University of Windsor, Ontario
- 2007 – 2008 Graduate Assistant  
Department of Philosophy, University of Windsor, Ontario
- 2002 – 2004 Graduate Teaching Assistant  
Department of Biological Sciences, Wayne State University, Detroit, MI

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**Awards (Student and Teaching)**

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- Fall, 2016 Faculty of Science Teaching Score Award—Sessional Instructors: *This award is given to the Sessional member in each AAU that has taught a total of at least 100 students over Summer 2015, Fall 2015, and Winter 2016 and has achieved the highest weighted average on the questions A1-A12*
- Spring, 2014 Gloria and Carl Morgan Scholarship in Breast Cancer Research (\$1000)
- Spring, 2014 Elena Loaring Memorial Scholarships (\$2500)
- Winter, 2013 Graduate Studies Scholarship (\$500)
- Spring, 2013 2012-13 Casino Windsor Cares/Gail Rosenbaum Memorial Breast Cancer Research Scholarship (\$5000)
- Winter, 2012 Graduate Studies Scholarship (\$500)
- Spring, 2012 2011-12 Casino Windsor Cares/Gail Rosenbaum Memorial Breast Cancer Research Scholarship (\$5000)
- Spring, 2012 Carl & Gloria Morgan Scholarship in Breast Cancer Research (\$1,000)
- Spring, 2012 Elena Loaring Memorial Scholarship in Breast Cancer Research (\$1,000)
- Fall, 2011 Faculty of Science Teaching Score Award—Sessional Instructors: *This award is given to the Sessional member in each AAU that has taught a total of at least 100 students over Summer 2010, Fall 2010, and Winter 2011 and has achieved the highest weighted average on the questions A1-A12*
- Spring, 2011 Michael L. Petras Memorial Scholarship (\$1000)
- Spring, 2011 2010-11 Verdecchia Family (Breast Cancer) Award (\$1000)
- Spring, 2011 2010-11 Casino Windsor Cares/Gail Rosenbaum Memorial Breast Cancer Research Scholarship (\$5000)

- Fall, 2010 Graduate Studies Scholarship (\$500)
- Spring, 2010 *Breast Cancer Society of Canada* - \$10,000 - **Equipment grant** – Cell Counter to facilitate the advancement of breast cancer related projects. Role on grant: Co-applicant (PI - Dr. L.A. Porter).
- Spring, 2010 2009-10 Casino Windsor Cares/Gail Rosenbaum Memorial Breast Cancer Research Scholarship (\$5000)
- Fall, 2009 Faculty of Science Teaching Score Award—Sessional Instructors: *This award is given to the Sessional member in each AAU that has taught a total of at least 100 students over Summer 2008, Fall 2008, and Winter 2009 and has achieved the highest weighted average on the questions A1-A12*

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## Publications

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### *Peer-Reviewed Publications*

M Crozier and **LA Porter**. (2015) *Breast Cancer Research and Treatment* Oct 13. [Epub ahead of print]. Paclitaxel-induced transcriptional regulation of Fas signaling pathway is antagonized by Dexamethasone.

I Rezaeian, Y Li, M Crozier, E Andrechek, A Ngom, L Rueda, **LA Porter**. (2013) Identifying Informative Genes for Prediction of Breast Cancer Subtypes. 8th IAPR International Conference on Pattern Recognition in Bioinformatics (PRIB 2013), Nice, France, Volume 7986, 2013, pp 138-148

### *Textbooks*

Martin Crozier and Sara McNorton, *Life Matters* (1<sup>st</sup> edition), Nelson Publishing, 2015

### *Manuscripts in Preparation*

M Crozier, J Ritchie and **LA Porter**. (in prep for *Molecular Cancer*) Dexamethasone induces Invasion and Migration of Breast Cancer Cells.

Crozier M, C Hamm and **LA Porter** (in preparation for submission to *Breast Cancer Res.*) *Cortisol Signaling in Breast Cell Proliferation and Migration; Novel Implications in the Treatment of Breast Cancer*. ISI Impact (2014) – 5.87

Crozier M, Porter L. (in preparation). *Pleiotropic effects of dexamethasone on breast cancer cell behavior*. (2016)

Antonio Pascual-Leone, Fuschia Sirois, Samantha Metler, Martin Crozier, Lisa Porter, & Terence Singh (in preparation). *Productive Emotion in Expressive Writing: An Experimental Manipulation of EFT Change Processes*. (2014)

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## Conference Proceedings

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Ritchie J, M Crozier and **LA Porter**. *Cortisol Signaling in Breast Cell Proliferation and Migration; Novel Implications in the Treatment of Breast Cancer*. Joint Scientific Retreat Breast Cancer Biology and Proteases and Cancer Programs. December, 2010, WSU

M Crozier and Lisa Porter CSH. *Paclitaxel increases activity of NF $\kappa$ B, induces FasL gene expression and is inhibited by Dexamethasone*. Cold Spring Harbour, NY

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## Public Translation

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Steroid's impact on cancer treatment's effectiveness studied by PhD Student:

- [Uwindsor Daily News Article](#)

University of Windsor work may lead to better chemotherapy

- <http://metronews.ca/news> <http://metronews.ca/author/sarahtaguam/>

Scholarship donors recognized for generosity

- <http://web4.uwindsor.ca/units/pac/nvdailynews>

Miscellaneous:

- <http://www.uwindsor.ca/tags/martin-crozier;>  
<http://www.windsorstar.com/Windsor+Pictures/6720430/story.html>
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## Courses Taught (Lecturer)

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2017 – pres. Human Anatomy (55-202), University of Windsor  
2017 – pres. Introduction to Cell Biology (Bio 2600), Wayne State University  
2016 – pres. Human Anatomy and Physiology (Bio 2870), Wayne State University  
2015 – pres. Plant Molecular Biology (55-464), University of Windsor  
2015 – pres. Molecular Biology of the Cell (55-350), University of Windsor  
2014 – pres. Biology of Organisms (55-100), University of Windsor  
2008 – pres. Human Physiology I (55-204), University of Windsor  
2005 – pres. An Introduction to Life (Bio 1050), Wayne State University  
2004 – pres. Basic Life Mechanisms (Bio 1510), Wayne State University  
2004 – pres. Basic Life Diversity (Bio 1500), Wayne Sate University  
2004 Biology Today (Bio 1030), Wayne State University  
2004 – 2008 General Biology (BIOL 1000), Macomb Community College  
2004 – 2008 Fundamentals of Nutrition (BIOL 1400), Macomb Community College

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## Courses Taught (Graduate Teaching Assistant—Biology)

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2013 – 2014 Genetics laboratory preparation (55-211), University of Windsor  
2010 – 2014 Biology of Organisms tutorial (55-100), University of Windsor  
2010 – 2014 Introduction to Molecular Biology laboratory (55-213), University of Windsor  
2002 – 2004 Basic Life Diversity laboratory (Bio 1500), Wayne Sate University  
2002 – 2004 Basic Life Mechanisms laboratory (Bio 1510), Wayne State University

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## Courses Taught (Graduate Assistant—Philosophy)

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2007 – 2008 Law, Punishment and Morality (34-226), University of Windsor  
2007 – 2008 Introduction to Ethics (34-221), University of Windsor  
2007 – 2008 Philosophy of Science (34-357), University of Windsor