

Melissa Phachanhla



Contact Information

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Education

- 2014- Present **Masters of Science in Biomedical Communications**
Biomedical Communications, University of Toronto
- 2013-2014 Courses in the **Masters of Fine Arts** stream
Digital Futures, OCAD University
- 2008-2012 **Bachelor of Health Sciences (Honours)**
Faculty of Health Sciences, McMaster University



Work Experience

- 2015 **Teaching Assistant**
University of Toronto Mississauga, HSC200H5
Imaging Technologies for Scientific Visual Communication
- 2015 **Research Student** (through MITACS Grant)
OtoSim, based out of SickKids Hospital, Toronto
3D modeling/printing, mold making, animation, UI design
- 2014 **Project Support**
Bachelor of Health Sciences Program, McMaster University
Worked alongside faculty to conduct research on higher education pedagogy.
- 2014 **Project Manager**
Digital Futures Graduate Exhibition at OCAD University
Managed and coordinate all aspects of the show, from promotions and set up, to the gallery showing, and tear down.
- 2012-2013 **Course Support**
Bachelor of Health Sciences Program, McMaster University
Coordinated and helped organize administrative aspects of multiple level I-IV courses.
- 2012 **Graphic Artist**
McMaster Stem Cell and Cancer Research Institute
Illustrated novel stem cell concepts.



Technical Skills

Illustration

Photoshop
Illustrator
InDesign
Maxon Cinema4D

Animation

After Effects
3D Slicer
Osirix
Blender 3D
Adobe Animate

Interactive

Unity
Game Maker
Arduino
Processing
Raspberry Pi
3D Printing
Mold Making
Molecular Maya

Scripting

HTML5 & CSS
Javascript
C#

Traditional

Graphite
Oil Paint
Pen and Ink
Carbon Dust
Acrylics

Other

Layout & Design
Literary Research
Research Writing
Teaching
Event Planning
Project Management

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Publications and Presentations

- 2013 **Presenter at the 26th International FYE Conference**
Hosted by the University of South Carolina in Hawaii, USA
Spearheaded the organization for colleagues and faculty members I presented alongside.
- 2012 **Stem Cells and Development Cover, Issue 22.1**
Featured McMaster Stem Cell & Cancer Research Institute
- 2011-2012 **Senior Thesis**
McMaster Stem Cell & Cancer Research Institute
Illustrated novel epigenomic, stem cell cancer research.
- 2006 **Logo Design**
OFSAA 2006 Badminton



Awards

- 2016 Eila I. Ross Memorial Scholarship
- 2016 Alan W. Cole Scholarship from the Vesalius Trust
- 2015 Social Sciences and Humanities Research Council (SSHRC) stipend
- 2013 Dean's Scholarship, OCAD University
- 2012 Graduated with Distinction from McMaster University
- 2008 Entrance Scholarship from McMaster University



Community

- 2015-2016 Design Team for the Institute of Medical Science (IMS) magazine at UofT
- 2014-2016 First & Second Year Representative on the BMC Alumni Association
- 2011-2012 McMaster Relay for Life; Fundraising Executive
- 2008-2012 1st-4th Year Councils, Bachelor of Health Sciences Society
- 2011-2012 Academic Committee, Bachelor of Health Sciences Society
- 2011-2012 McMaster Students' Union Charity Ball for Big Brothers & Big Sisters of Hamilton
- 2008-2012 Bachelor of Health Sciences Charity Fashion Show for Camp Trillium; Promotions and fundraising, set and decoration, Executive member in final year
- 2010-2012 HHA Elementary School; Homework club, reading & writing with Grade 1&2 class, assist student with cerebral palsy in physical education class
- 2009-2012 McMaster Welcome Week Representative
- 2008-2011 Social Committee, Bachelor of Health Sciences Society; Committee member and Co-Chair
- 2010 Bachelor of Health Sciences 10 Year Anniversary Gala Planning Committee
- 2010 Empowerment Squared; Development Assistant
- 2009 Eva Rothwell Community Center