

GREGORY PHILLIPS

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EDUCATION

Ryerson University Master of Digital Media 2015	OCAD University Bachelor of Design, 2012 Material Art & Design	George Brown College Ontario College Advanced Diploma, 2009 Jewellery Arts
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SKILLS

Key Qualifications:

Small Object Design	Rapid Prototyping/ 3D Printing	Teaching & Outreach
Data-Driven Design	Advanced CAD/CAM	Product Development
Interaction Design		Research

Computer Skills:

MS Office Suite	Rhinoceros 3D	Zbrush	Solidworks
Adobe Creative Suite	• Grasshopper	Blender	Maya
HTML/CSS	• T-Splines	Mudbox	SketchUp

PROFESSIONAL EXPERIENCE

Sessional Instructor at OCAD University (2013, 2016-Present)

- Curriculum delivery, development, review, and mentoring of Material Arts, Industrial, and Environmental Design students in a studio setting
- Topics span multiple year levels and cover digital and physical model-making and material innovation, including direct digital manufacturing and industrial production methods

3D Designer & Product Developer, Neurovent Research Inc. (2015-Present)

- Cross-platform design, product development, and project management
- Responsible for designing innovative solutions to healthcare sector needs via CAD/CAM
- Implemented and maintenance of additive manufacturing facilities and workflows
- Meshing entrepreneurial acumen, digital design skills, and a passion for solving problems

Professor, “Conventional Models and Rapid Prototyping” at Durham College (2013-Present)

- Responsible for original curriculum development & delivery for 6th semester students
- First core course of its kind at Durham College/UOIT, focusing on CAD and 3D printing
- Hands-on with Fine Arts students, helping them bridge traditional & new media practice

DDM Research Lead, “Surgical Fetus Project” (2013-Present)

- Federally-funded STEM project involving advanced CAD/CAM, medical imaging
- Responsible for 3D modelling, data visualizations, direct digital manufacturing
- Featured by The Smithsonian Channel (aired 2014). Project Lead: Francis Lebouthilier

Founder, Spandrel Media (2013-Present)

- Multidisciplinary design and consulting company specializing in direct digital manufacturing of small objects, including jewellery, wearable technology, and biomedical product development
- Sole proprietorship; responsible for all developmental and operational aspects of the business

Inventory Control Manager, Loblaw Companies Limited (2011-2015)

- Responsible for implementing perpetual inventory procedures; including allocations, ordering, and receiving management; ensured projections and targets were met
- Managed staff, trained new hires, and developed cross-department reference materials

Administrator, Wikipedia.org (2003-Present)

- Volunteer, appointed role: Behind-the-scenes content and community management;
- Conflict resolution, site maintenance, content creation, editing

EXHIBITIONS, COMMISSIONS & PUBLICATIONS

Exhibition: “Subtle Technologies: Seamless Visions” (May 13, 2016)

- Wearable Technology fashion, in collaboration with textile designer Wendy Ng

Publication: Ryerson Digital Media Review (2015)

- Technology Editor – RDMR.ca

Exhibition: “Digital Promises” (January 2014)

- Toronto Design Offsite Festival

Exhibition: “Depth Perception” (October 2013)

- Ontario Crafts Council / Toronto / Curator: Monica Hayward

Exhibition: “Making It Real” (2013, juried)

- OCAD University / SNAG 2013 / Toronto International Jewellery Festival

Exhibition: “For What It's Worth” (2013, juried)

- Ontario Crafts Council / The Guild Shop / SNAG 2013 (Toronto)

Publication: “Old schools and new tricks: What our traditional ‘makers’ are making with digital tech.”

- Sketch magazine article by Charlene K. Lau, Summer 2012 (pp. 16-18). OCAD University.

Commission: “Urban Leadership Award” (2009)

- Canadian Urban Institute / Toronto / In partnership with fellow GBC alumnus Margo Glenn

WORKSHOPS & LECTURES

Visiting Artist Speaker Series (Sheridan College: Craft & Design, Professor Linda Sormin, 2014)

- Workshop & Lecture: Intro to 3D modelling with Rhino; fundamentals of 3D printing

Design with Technology (OCADU course, Professor Greg Sims, February 2014)

- Workshop: Intro to Grasshopper & Parametric Modeling

Design Our Tomorrow (DOT 2013) Conference, The Design Exchange (Toronto, November 2013)

- Workshop: “Intro to 3D Printing & Modelling”

Toronto Wearables Meetup, Social Body Lab (OCADU, September 2012)

- Lecture on Generative / Computational Modeling

GRANTS & AWARDS

Ontario Graduate Scholarship (2014-2015)

- Academic Achievement / Ryerson University

ARC Fed Dev Ontario Applied Research & Commercialization Initiative Grant (2012-2013)

- Project: Spandrel / In partnership with OCAD University’s Digital Futures department

Dr. Eugene A. Poggetto Scholarship (2011)

- Academic Achievement / OCAD University

Gambhir's Import Award (2009)

- For Excellence in Design / George Brown College

H. & W. Perrin Award (2009)

- Excellence in academic performance, practical work, community involvement and professionalism / George Brown College

Lacy & Co. Award (2007)

- Academic Achievement / George Brown College