



William Michael Carter, M.Ed., PhD candidate

Academic Administration, Curriculum, Teaching / Research / Executive Producer
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Objective:

Academically focused as a strong advocate of Experiential, Zone and Applied Academic curriculum, teaching and learning environments. Entrepreneurial design through inter and multi-disciplinary academic, corporate and student partnerships. Business focused within Creative Industries and the interplay of those industries within business culture.

Research focused on the use of digital media tools for visualization within Archaeology and extending beyond to traditional Humanities, Social Science and Science research through digital tools and theories. Entrepreneurship within Zone based education and the application of entrepreneurial thinking within non-business environments.

Professionally focused on the design, development and implementation of animation and VFX production pipeline techniques and mass production facility setup. Nineteen (19) year track record in the management of animation and VFX productions from concept to final output. Executive management of budgets in excess of \$6 Million dollars and production facility management in the Medium to Enterprise corporate scale.

Academic Employment Experience:

Current Academic & Administration Roles & Responsibilities, Ryerson University, Toronto, Canada

- **Director, Industry Relations**, Master in Digital Media (MDM) – MAC Position
- Associate Member, Yeates School of Graduate Studies (YSGS)
- Adjunct Professor, RTA School of Media
- Lecturer, Master in Digital Media (MDM), ENT 500 and FPN 536 – CUPE 1 Positions
- Academic Coordinator, Digital Media Zone (DMZ)

Current Service, Ryerson University

- Advisory Board Member, Centre for Digital Humanities (CDH), Ryerson University
- Digital Media Zone Steering Committee Member
- Zone Leaders Committee Member
- DMZ Mentor (Crowdlinker, Deep360, ZaggaTV, SharpScholar)
- Lecturer, Bootstrapping 101, Ryerson Startup School 2015
- Program Developer, DMZ Launch Zone (LZ)
- Program Developer, Basecamp@LZ
- Lecturer, Basecamp@LZ
- Digital Media Experience (DME) Consultant
- Curriculum Consultant, ITAC|Information & Technology Association of Canada
- Futurpreneur Canada Mentor
- Currently Graduate Supervising 5 MDM graduate students



Previous (2012 – 2014) Academic, Administration and Service, Ryerson University

- Program Manager, Digital Media, Office of the Vice Provost Academic
- Program Coordinator, Digital Specialization Program (DSP)
- Lecturer, Digital Entrepreneurship & Innovation, Digital Specialization Program (EID 500)
- Program Developer, Masters in Digital Media (MDM)
- Chang School ITS Program Advisory Committee
- Chang School Certificate in Entrepreneurship and Multiculturalism Advisory Committee
- Committee Member “Startup School/Passport to Innovation” Program Development
- Graduate Supervised 14 MDM graduate students

Academic/Administrative Awards:

2015 Team Award Receipt, *President’s Blue and Gold Award of Excellence* – Ryerson University. For the design, development and implementation of the Master of Digital Media program. Shared along with Dr. Matthew Kyan and Ms. Sonya Taccone.

Academic Qualifications:

(Current) PhD candidate, Archaeology & Bioarchaeology, University of Western Ontario
Digital Archaeology, Digital Archaeological Theory, Public Archaeology.

(2005) Master of Education (M.Ed.), Curriculum Development, (OISE), University of Toronto
Curriculum, Teaching and Learning within Computer Aided Education.

(1996) Post-Graduate Diploma, Computer Animation, Sheridan College
Computer Animation.

(1995) Post-Graduate Diploma, Computer Graphics, Sheridan College
Computer Graphics.

(1994) Certificate, General Principles of G.I.S., Ryerson Polytechnical University
GIS Mapping, Analysis, Visualization.

(1993) BA, (Honours) Anthropology & Visual Arts, University of Western Ontario
Archaeology, Renaissance Art History & Visual Arts.

University/College Courses Designed and/or Taught:

(2015) ENT 500 – New Venture Start Up (Elective Course) – Ryerson University.

(2014) FPN 536 - Media Business Studies (Image Arts Elective Course) – Ryerson University.

(2014 & 2015) DG8006 - Collective Workshop (Master in Digital Media Core Course) – Ryerson University.

(2014 & 2015) DG8008 - Business and Mgmt. in Digital Media Industry (Master in Digital Media Elective Course) – Ryerson University.

(2012) EID 500 – Experiential Semester in Digital Entrepreneurship and Innovation – Ryerson University.

(2004-2005) ANIM10009 Introduction to Digital Tools – BAA Animation, Sheridan College.



(2004-2005) **ANIM10036** Digital Methodologies: Animation 2D – BAA Animation, Sheridan College.

(2004-2005) **ANIM28448** Digital Methodologies: Animation 3D – BAA Animation, Sheridan College

(1998-1999) **Digital Methodologies** – School of Image Arts, Ryerson University.

Invited Talks/Research Papers Presented:

CAGS-SSHRC: Imagining Canada's Future, Joint University of Western Ontario and University of Windsor Conference, University of Western Ontario, London ON, March 2015. **Keynote Speaker.**

Brazil-Canada Collaboration Forum, Sao Paulo, Brazil, September 2014. *The Role of Government and Academia in the Innovation Economy.* **Panelist.**

Canadian Archaeological Association Conference (CAA), London ON, May 2014. *Virtual Archaeology Session: VFX Methodologies for Scientific Visualization in Archaeology.* Michael Carter. **Paper presentation and Session Organizer.**

Animation Today II, Ontario Animation Colleges' perspective & views on the Industry & talent as it stands today, CASO Visionary Lunch, April 2014. Michael Carter, Noel Hooper, Mark Jones, Philip Krueger, Jakub Pazera. **Panelist.**

University of Western Ontario, *Big Data, Entrepreneurship and Industry*, March 2014. **Panelist.**

University of Western Ontario, *Big Data in the SSHRC Disciplines Data from the Past, Present and Future*, March 2014. **Conference co-Organizer and Panelist.**

Digital Engagement in Archaeology Conference, University College London, UK, November 2012. *Digital Artifact Ecosystems: The "Internet of Things" in Archaeology.* Namir Ahmed, Michael Carter, Neal Ferris. **Co-presenter.**

Digital Dialogue, Ontario Media Development Corporation Conference, June 2010. *Canada's National Digital Strategy.* John Barrack, Mark Bishop, Michael Carter, Neil Hiscox, Duncan McKie, Carolyn Wood. **Panelist.**

Ontario Institute for Studies in Education, University of Toronto, Annual Student Research Conference, March 2004. *Social Loafing and its effects on Intentional Learners within Knowledge Building Environments.* William Michael Carter. **Presenter.**

Ontario Institute for Studies in Education, University of Toronto, Annual Student Research Conference, March 2004. *Creating Characters: A Study in the Integration of Computers in the Curriculum.* William Michael Carter. **Presenter.**

Peer Reviewed Publications:

Ahmed, N., Carter, M., Ferris, N., (2014) Sustainable archaeology through progressive assembly 3D digitization. *World Archaeology*. Vol. 46, Iss. 1.

Barr, David, Carter W.M. (1994/1995) *Mapping Biodiversity*. Rotunda. Winter: 34-39.



Carter, William Michael. (1992) Digging without a Degree: Understanding the Nature of the Silent Mexican Archaeologist: *Zygogemys trichopus*. *Arch Notes*. July/August, 92-4: 25-32.

Education Consulting:

(2013 - 2014) School of Fashion, Communication, Art and Design (FCAD) – **Co-development of the joint Ryerson/Sheridan MFA in Animation program**. Responsible for the writing of the core business courses; Business of Animation I (Producing) and Business of Animation II (Production Management).

(2012 – 2013) Ryerson University – **Developing Curriculum and Program Launch for the new Digital Specialization Program (DSP). Development and Program Launch for the new Masters in Digital Media Program (MDM).**

(2012) Fanshawe College – **Developed Curriculum and Program Map for the new joint Digital Media Program** (Animation/Gaming/Scientific Visualization).

(2010 - 2011) Humber College - **Developed Curriculum and Program Map for the Bachelor of Fine Arts, Animation.**

(2004 - 2005) Sheridan College - **Developed Curriculum and Program Map for the Bachelor of Applied Arts, Animation.**

(2000) SIGGRAPH SigKids - **Special Projects Education Committee Lecturer**. “Creating Characters” lecture series for inner-city Teacher Professional Development.

(1998-1999) Ryerson University - **Part-Time Faculty**, School of Image Arts.

(1998) Living Arts Centre - **“From Sketchpad to Computer Screen”** Lecture Series. “Creating Characters” lecture for TDSB, MDSB, PDSB Teacher Professional Development.

Funded Research Projects:

MITACS Funded Research Project (Summer 2012). **Establishment of the Sustainable Archaeology Animation Unit** - Museum of Ontario Archaeology/Western University. Dr. Neal Ferris, Principle Investigator, Namir Ahmed, Graduate Student Project Lead, Michael Carter/theskonkworks incorporated, Corporate Partner.

Industry Achievements:

Past President, Computer Animation Studios of Ontario (2011) – Board of Directors (**CASO**).

President, Computer Animation Studios of Ontario (2009-2010) – Board of Directors (**CASO**).

Board Member, 3D Film Innovation Consortium, **3D FLIC** (2010) – CASO representative to the Board.

OMDC Screen Advisory Board Member (2009-2011) – CASO representative to the Board.

Board Member, Consortium on New Media, Creative, and Entertainment R & D in the Toronto Region, **CONCERT** (2008-2009) – CASO representative to the board.

Vice President, Computer Animation Studios of Ontario (2008-2009) – VP, Board of Directors, Computer Animation Studios of Ontario (**CASO**).



Gemini Award for “Best Preschool Program or Series” (2008) – Service Production of the 2D Animated series Will & Dewitt for Cookie Jar.

Named **“Hot Talent”** by Kidscreen Magazine in its February/March 2006 issue.

Finalist, Content 360, **MIPTV**, NFB “Animation Projects for Mobile Platforms” (2006) – One of four finalists for the first program in mobile content development presented at MipTv in Cannes, France.

Computer Graphics World (2000) Technical Innovation Award – Team award for the creation of Improv Technologies Orchestrate3D.

SIGGRAPH TV/Online Technologies Projects (1998) – **“Tibetan Dreams”** Animated Short Film.

Computer Graphics World (1996) Technical Innovation Award – Team award for the creation of Side Effects Software’s, Houdini 3D Animation Software.

Professional Employment Experience:

President & Founder (2004 – Current)

Executive Producing – theskonkworks incorporated, Toronto, Canada

Head of Operations (2011)

Project Management - Stargate Studios Toronto (SST), Toronto, Canada

Vice President & Co-Founder (2005 – 2008)

Executive Management - Two Presidents Productions, Toronto, Canada

Professor, School of Animation, Arts and Design (2004 – 2005)

Academic Administration / Teaching - Sheridan College, Oakville, Canada

Executive Producer, Animation (2003 – 2004)

Executive Producing - Calibre Digital Pictures, Toronto, Canada

Head of CGI (2002 – 2003)

Studio Operations Management - Aardman Animations Ltd., Bristol, United Kingdom

Studio Manager, Animation (2001 – 2002)

Studio Operations Management - Calibre Digital Pictures, Toronto, Canada

Director of Strategic & Product Development (2000 – 2001)

Executive Management - Improv Technologies Inc., New York, United States

Technical Director (1999 – 2000)

Production Management - Catapult Productions Inc., Toronto, Canada

Senior Demo Artist (1996 – 1999)

Product Management - Side Effects Software Inc., Toronto, Canada

Cultural Resource Specialist (Salvage Archaeologist) (1993)

Cultural Resource Management - “Oversite” Toronto, Canada



Film & Television Production Credits:

VFX Supervisor, *Against the Wall* (2011) – Life Network

Supervising Producer, *NFLRushZone* (2011) – NFL/Nick/Curious Pictures

Associate Producer, *Ultramarines* (2010) – Warhammer 4000 CGI Feature Film – Games Workshop/Codex UK/Goodstory Productions/Create Media Ventures

VFX Producer, *Thinking Cars* (2009) – H3B Media UK

Service Producer, *Little Spirit* (2008) – Curious Pictures

Service Producer, *Will & Dewitt* (2007-2008) – Cookie Jar Entertainment/KidsWB!

Service Producer, *Handy Manny II* (2007-2008) – Nelvana/Disney Playhouse Production

Service Producer, *Handy Manny I* (2005-2006) – Nelvana/Disney Playhouse Production

Executive Producer, *Ace Lightning* (2003-04) – BBC/AAC/CBC/Calibre Production

Executive Producer, *Shoobox Zoo* (2003-04) – BBC/Blueprint/CBC/Calibre Production

Executive Producer, *Henry's World* (2003-04) – AAC/CBC/Calibre Production

Studio Manager, *Hey Joel* (2002) – VH1/Curious Pictures/Blueprint/Calibre Production

Studio Manager, *Ace Lightning* (2001) – BBC/AAC/Calibre Production

Technical Director, *MonsterbyMistake Series II* (2000) – Cambium/Catapult Production

Technical Director, *MonsterbyMistake Series I* (1999) – Cambium/Catapult Production