

Steve Daniels

Program Director, New Media
Ryerson University, School of Image Arts
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RESEARCH INTERESTS AND AREAS OF EXPERTISE

- Networked spaces, systems and objects. Low bandwidth networks. Communication systems as expressive forms. Collaborative and networked art practice.
- Current creative work explores the role of communication in kinetic, sculptural and robotic art works that interrogate current narratives of artificial life, artificial intelligence and emergence.

EDUCATION

2004	AOCAD	Ontario College of Art and Design, Integrated Media
1997	M.Sc. Zoology	University of Manitoba
1994	B.Sc. Ecology	University of Manitoba

ACADEMIC APPOINTMENTS

2006 -	Program Director.	<i>New Media Option. School of Image Arts, Ryerson University. Toronto, ON</i>
2005 -	Assistant Professor.	<i>New Media Option. School of Image Arts, Ryerson University. Toronto, ON</i>
2004	Instructor.	<i>New Media Option. School of Image Art, Ryerson University. Toronto, ON</i>

GRANTS

2008	Ryerson Travel Grant (Future Sonic Conference)
2008	Undergraduate Summer Research Assistance (grant)
2007	Undergraduate Research Assistant (grant)
2007	Ryerson New Faculty SRC Development Fund (Grant)
2007	Ryerson Creative Fund (Grant)
2006	FCAD SRC Project Grant.
2005	Ontario Arts Council, Exhibition Assistance Grant

AWARDS

2006	Sumo Robot Challenge Dancer Class Champion
2004	Ontario Graduate Scholarship (Declined)
2004	OCAD Medal in Integrated Media

- 2004 **Nora E. Vaughan Award**
- 2004 **InterAccess Prize (OCAD)**
- 2003 **InterAccess Emerging Artist Award (InterAccess)**
- 2003 **TD Bank Financial Group Scholarship**
- 2003 **Millennium Scholarship**
- 2003 **Sumo Award**
- 2002 **Millennium Scholarship**
- 2002 **Sumo Award**
- 1994 **NSERC Postgraduate Scholarship**
- 1994 **David Ian MacKenzie Medal**
- 1994 **H.E. Welch Award**
- 1993 **NSERC Research Award**

ARTICLES AND BOOKS

- 2008 **A Space Between.** *In prep.* Conference Proceedings. Together Elsewhere: Toronto/Montreal/Lille
- 2007 **Mobilization of Art Practice: Body Metaphors and the Desktop Worldview.** IN Mobile Nations: Creating Methodologies for Mobile Platforms.
- 2000 **RESIST! A Grassroots Collection of Stories, Poetry, Photos and Analysis from the FTAA Protests in Québec City and Beyond.** Fernwood Publishing. Edited by J. Chang, B. Or, E. Tharmendran, E. Tsumura, **Steve Daniels** and D. Leroux.

PAPERS READ

- 2008 **Transforming Urban Flow.** Conference Presentation. Future Sonic. U.K.
- 2008 **A Space Between.** Conference Presentation. Together Elsewhere: Toronto/Montreal/Lille
- 2007 **The Mobilization of Art Practice: Body Metaphors and the Desktop Worldview.** Mobile Nations: Creating Methodologies for Mobile Platforms. Conference Presentation. OCAD. Toronto.

TEACHING

- 2008/09 - MPM32A/B Communication within Hybrid Environments
Curriculum Development. Delivery to 2 Sections (6 hours) Fall and Winter
- 2008 - DM8106 Narrative and Interactive Forms (with Dr. A. Bal)
Graduate Production. Curriculum Development. Spring.
- 2007/08 - MPM032 telerobotics, telepresence, telekinetics
Delivery to 2 Sections (6 hours). Fall and Winter

- 2006/07 - MPM022 Physical Computing (with N. White)
Curriculum Development, Delivery to 1 section. Fall and Winter
- MPM032 telerobotics, telepresence, telekinetics
Delivery to 2 Sections (6 hours) Fall and Winter
- 2005/06 - MPM022 Mixed Media: Site and Screen
Delivery to 2 Sections (6 hours) Fall and Winter
- MPM032 telerobotics, telepresence, telekinetics
Delivery to 2 Sections (6 hours) Fall and Winter
- 2004/05 - MPM022 Mixed Media: Site and Screen
Curriculum Development. Delivery to 2 Sections (6 hours) Fall and Winter
- MPM032 telerobotics, telepresence, telekinetics
Curriculum Development. Delivery to 2 Sections (6 hours) Fall and Winter

UNIVERSITY SERVICE

2006 – present Program Director New Media

- 2008/09 Faculty Committees
- RCC Operations Committee
 - FCAD Systems Committee
 - RCC Mixed Reality Lab Development Committee

School Committees

- Graduate Curriculum Committee
- Image Arts Steering Committee
- Image Arts Internal Appointments Committee

- 2007/08 Faculty Committees
- Systems Committee (FCAD)
 - RCC Mixed Reality Lab Development Committee

School Committees

- Graduate Curriculum Committee
- Image Arts Steering Committee
- Image Arts Internal Appointments Committee

- 2006/07 Faculty Committees
- RCC Mixed Reality Lab Development Committee
 - Dean's (FCAD) Ad-Hoc Space Committee

School Committees

- Image Arts Steering Committee
- Image Arts Internal Appointments Committee
- Image Arts Curriculum Committee

ARTISTIC PRACTICE

Exhibitions and Screenings

- 2008 **Sessile.** Artspace. Peterborough, On.
- 2007 **Nuit Blanche** (Guerrilla Intervention), All My Friends At Once.
- 2006 **Blink**, Peterborough Arts Week, Public Installation
- 2006 **Digifest 2006: Mods**, Design Exchange, Toronto ON.
- 2006 **SUMO** Robot Challenge, OCAD, Toronto, ON. Dancer Class Champion
- 2005 **Blink** Peterborough Arts Week, Public Installation, Peterborough ON
- 2005 **Looker** OCAD Gallery, Toronto, ON
- 2004 **Social Somatic** OCAD Gallery, Toronto, ON
- 2004 **Tekhne: digifest 2004: On the Move** Harbourfront Centre, Toronto, ON
- 2004 **Go West.** Gallery 1313, Toronto, ON
- 2004 **Go West.** The Peter Richmond Gallery, Toronto, ON
- 2004 **Doors Open.** Ontario College of Art and Design, Toronto, ON
- 2004 **Graduate Show.** Ontario College of Art and Design, Toronto, ON
- 2003 **(e)merge//((dis)separate.** InterAccess. Electronic Media Arts Center Toronto, ON
- 2003 **Images Festival.** F is for Film. Toronto, ON
- 2003 **Victoria Independent Film and Video Festival.** Victoria, BC
- 2003 **Slide Under the Moon.** Art Gallery of Peterborough. Peterborough, ON
- 2002 **Optic Nerve Film Festival.** Peterborough, ON (October)
- 2002 **Video In Studios. An Evening of Shorts.** Vancouver, BC
- 2002 **Optic Nerve Film Festival.** Peterborough, ON (January)
- 2001 **Victoria Independent Film and Video Festival.** Victoria, BC
- 2001 **The Bicycle show.** Peterborough Arts Umbrella, Peterborough, ON
- 2001 **Dialogue:n. Post-Occupation Art Show.** Gallery 383, Peterborough, ON
- 2001 **Cinestud - International Student Film Festival.** Amsterdam, Netherlands.

GROUP EXHIBITIONS

- 2008 **Canopy Time** (Video Loop). Pentimento Fine Art Gallery, TO.
- 2007 **Twine** (Video Loop). Pentimento Fine Art Gallery, TO.

- 2007 **Sculpture Challenge**, (Public Sculpture) Lakefield, ON
- 2006 **Sculpture Challenge**, (Public Sculpture) Lakefield, ON
- 2004 **OCAD Integrated Media Cabaret**, Toronto, ON
- 2003 **Sound at OCAD**. *The Music Gallery*. Toronto, ON
- 2002 **Shake your shorts; a night of film and dance**. Cadillac Lounge, Toronto, ON
- 2002 **Industrial Strength**. St Clair St. Toronto, ON
- 2002 **Members Show**. Artspace. Peterborough, ON
- 2002 **Brainstorm**. Artspace, Peterborough, ON
- 2001 **The Bicycle show**. Peterborough Arts Umbrella, Peterborough, ON
- 2001 **Dialogue:n. Post-Occupation Art Show**. Gallery 383, Peterborough, ON. March

ARTIST TALKS / PANELS / WORKSHOPS

- 2008 **Sessile**. Artist Talk. Art Space. Peterborough, ON.
- 2006 **Teleconnecting and networking**. Guest Lecture in Art Science and Nature (OCAD).
- 2006 **When function follows form: Dumpster Diving and Other Pursuits**. Mods Panel, Digifest. Design Exchange. Toronto
- 2006 **Mapping the Difference between Degrees**. Creative Mapping in Art. Panel. Digifest. Ontario Science Centre. Toronto.
- 2006 **Computers to the Real World**. Workshop Instructor. InterAccess Electronic Media Arts Centre.
- 2005 **Computers to the Real World**. Workshop Instructor. InterAccess Electronic Media Arts Centre.

COLLABORATIVE NETWORKED EXPERIMENTS

- 2008 **Imperial Measures**. New Media, School of image Arts, OCAD Networked Collaborative Event. Toronto.
- 2007 **Sources and Sinks**. School of Image Arts, OCAD, InterAccess. Networked Spaces.
- 2006 **Cross Border Disputes**. School of Image Arts, SUNY Buffalo, TeleConnected Spaces.
- 2006 **The Art of Tom Foolery**. School of Image Arts / InterAccess Electronic Media Arts Center.
- 2005 **Power and Perspective**. School of Image Arts / InterAccess Electronic Media Arts Center.

CURATORIAL

- 2008 **refractions.** Co-Curated with Malka Greene and Kathleen Pirrie-Adams. Ryerson Gallery, 80 Spadina, Toronto. Ont.
- 2007 **NuHorizons.** Co-Curated with Angela Mackey and Kathleen Pirrie-Adams. Ryerson Gallery. 80 Spadina, Toronto. Ont.
- 2005 **Sense.** Ryerson Gallery. 80 Spadina, Toronto, ON
- 2001 **Dialogue: n. Post-Occupation Art Show.** Gallery 383. Peterborough, ON

INTERVIEWS AND MEDIA

- 2008 **Profs want to ditch essays for iPhones.** The Eyeopener. Ryerson Student Paper. <http://www.theeyeopener.com/articles/3851-Profs-want-to-ditch-essays-for-iPhones>
- 2006 **Blink. Peterborough Arts Week.** CHEX Television. Peterborough, ON. Profile of "<anaBlog>"
- 2006 **DIY+Electronics = DigiFest.** Toronto Star. A&E. Profile of "the distance between degrees".
- 2006 **What's On: Events. DigiFest** Toronto Star (online). Highlights "the distance between degrees" at the Design Exchange.
- 2006 **Robot Malfunction leads to exposure.** The Ryersonian. Arts Section
- 2005 **Experimental Art Lives at Rye Gallery.** The Ryersonian, January 12th. p.8.
- 2005 **The Future is Now.** The Eye Opener | Online. January 18th
- 2003 **Social Somatic.** The Canvas (OCAD). October Issue
- 2001 **Dialogue** (Television Interview) CHEX television March 20th
- 2001 **Magic Bus Rides onto Movie Scene at Festival.** Victoria Times Colonist Feb. 8
- 2000 **Naked Rusty** (Television Interview) Netherlands Public Television

ADDITIONAL TRAINING

- 2003 **Interactivity Workshop** InterAccess Electronic Media Art Centre
- 2000 **Web Design** OCAD, (Non-credit)
- 2000 **Fine-print making** Ansel Adams School of Photography
- 2000 **Film Production** Gulf Islands Film and Television School

TECHNICAL SKILLS

Interactivity and Programming:

- Processing (JAVA) syntactic programming for interactivity and networking
- MAX/MSP and Jitter graphical programming
- Pure Data, PHP (novice skills)

Microcontrollers / Electronics:

- Arduino microcontroller (C-language), related ATMEL family of microcontrollers.
- PBasic – proprietary language for coding Basic Stamp Microcontrollers
- Rapid prototyping skills
- Digital and Analogue electronics.

Fabrication:

- CNC milling, design (2.5D), CAD and CAM and machine operation
- Experienced in wood, metal (welding and machining) and plastic (vacuum forming) fabricating techniques.
- Custom circuit board design and etching.

Video Applications:

- Final Cut Pro, DVD Studio Pro, iLife applications.

Audio Applications:

- familiarity with basic Cubase, ProTools, and Audacity packages

Image / Design and Web Applications:

- basic skills with: Photoshop, Illustrator, Director, Flash, Dreamweaver/Fireworks

General / Business Applications:

- Microsoft Office (all bundled applications), QuickBooks, Simply Accounting

MEMBERSHIPS

- 2003-2007 Studio Member, InterAccess Media Arts Center
- 2001-2007 Art Space, Peterborough