

CURRICULUM VITAE

Name: *Steve Daniels*

Rank: *Associate professor*

Status: *Tenured, Member School of Graduate Studies*

New Media Program

Ryerson University, RTA School of Media.

80 Gould St., Toronto, ON, Canada, M5B-2K3

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a) DEGREES:

AOCAD, Integrated Media (Medal), Ontario College of Art and Design, 2004

M.Sc. Zoology, University of Manitoba, 1997

B.Sc. Ecology, University of Manitoba, 1994

b) EMPLOYMENT HISTORY:

2012 – present **Associate Professor** New Media Program. RTA School of Media, Ryerson University.

2018 - 2020, **Program Director.** New Media Program RTA School of Media, Ryerson
2012 - 2017 University.

2005 – 2012 **Assistant Professor.** New Media Option. School of Image Arts, Ryerson University.

2006— 2009 **Program Director.** New Media Option. School of Image Arts, Ryerson University.

2004 **Instructor.** New Media Option. School of Image Arts, Ryerson University.

c) HONOURS:

2006 **Dancer Class Champion, SUMO Robot Challenge (OCAD)**

2004 **Ontario Graduate Scholarship (Declined)**

2004 **OCAD Medal in Integrated Media**

2004 **Nora E. Vaughan Award (OCAD)**

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 David Ian MacKenzie Medal (University of Manitoba)
 1994 H.E. Welch Award (University of Manitoba)

e) **GRADUATE SUPERVISIONS:** Master's, doctoral, postdoctoral – completed/in progress

Completed: 1 M.F.A., 3 M.A., 6 M.D.M.

Supervisor

<i>Vanessa Dang-Lam (MDM)</i>	<i>2020 - 2021</i>
<i>Gary Hu (MDM).</i>	<i>2015 - 2016</i>
<i>Michelle Astrug (MA)</i>	<i>2014 - 2015</i>
<i>Kylo (Jiao) Xue (MDM)</i>	<i>2014 - 2015</i>
<i>Rick Miller (M.F.A.)</i>	<i>2008 - 2011</i>

Second Reader

<i>Sarthak Marwaha (MDM)</i>	<i>2020</i>
<i>Samantha Naomi Levine (MA)</i>	<i>2017</i>
<i>Alexandra Pittiglio (MDM)</i>	<i>2015 - 2016</i>
<i>KJ Chabra (MDM)</i>	<i>2014 - 2015</i>
<i>Jordan Sparks (MA)</i>	<i>2014 - 2015</i>

f) **GRADUATE COURSES:**

Lecture / Lab	2015,2016 <i>Introduction to Physical Computing for Artists and Entrepreneurs MDM program.</i>
Lecture / Seminar	2008, <i>Narrative and Interactive Forms. Documentary Media Program.</i>

g) **FUNDING**

I. External Research Funding:

Year	Source	Type	Amount	Purpose
2015	Province of Ontario, Ontario Online Initiative (OOI)	G	\$75,000	Develop Online Curriculum
2012	Canada Council for the Arts Grants to New Media and Audio Artists	C	\$60,000	Production of Work, Public Exhibition Principle Investigator
2012	Ontario Arts Council Mid-Career Artist Grant	C	\$17,000	Production of Work, Public Exhibition Principle Investigator
2010	Ontario Arts Council Exhibition Assistance	C	\$ 1,000	Public Exhibition Principle Investigator
2010	Canada Council For the Arts Residencies for New Media Artists	C	\$60,000	Public Exhibition Collaboration (Doina Popsecu, RGRC)
2008	Ontario Arts Council Integrated Arts	C	\$ 8,000	Public Exhibition Collaboration (with Bill James, Caroline Langill)
2005	Ontario Arts Council Exhibition Assistance	C	\$ 1,500	Public Exhibition Principle Investigator

*Type: C-Granting councils; G-Government; F-Foundations; O-Other

II. Internal Research Funding:

	Year	Source	Amount	Purpose**
	2020	FCAD, Travel Grant	\$2,000	Conference Presentation (co-PI)
	2019	FCAD, Small Equipment Grant	\$7,000	Flexible Circuit Fabrication (Voltera) - PI
	2015	FCAD, Travel Fund	\$2,000	Conference Presentation (PI)
	2012	LTEF	\$10,000	Augmented Reality Learning System (co-PI)
	2012	ORS	\$7,000	Art Work / Exhibition (PI)

	2010	Ryerson FCAD SRC Committee	\$1,700	Art Work / Exhibition (PI)
	2009	Ryerson FCAD SRC Committee	\$3,000	Art Work / Production Principle Investigator
	2009	Ryerson FCAD SRC Committee	\$1715	Travel (conference) Principle Investigator
	2008	Ryerson FCAD SRC Committee	\$1750	Travel (conference) Principle Investigator
	2008	ORS	\$4500	Summer Research Assistant Award. Principle Investigator

h) **PUBLICATIONS:**

1) Life-Time Summary (Count) According To The Following Categories:

Books edited	1
Articles in books.....	6
Articles in Magazines and online.....	3
Papers in refereed conference proceedings.....	4
Abstracts and/or papers read	13
Poster Presentations.....	5
Juried Exhibitions, competitions	38
Unjuried Exhibitions	16
Collaborative Productions	6
Curatorial and Juries.....	7
Events Organized	10
Residencies.....	1
Artist Talks and Workshops	18

Details:

Articles in books:

1. *"Device for the Elimination of Wonder"* in *ISEA2015. Art and Disruption*. Symposium / Exhibition Catalog. Kate Armstrong. 2015. New Forms Art Press. Vancouver.
2. *"sessile"* in *Eveil / Despertar*. Exhibition Catalog. Sylvie Parent. 2014. SESC Santana. with color illustrations.

3. "Boundary Layers" in Common Pulse Transcripts. Geoffrey Shea (ed) 2013. Durham Art Gallery and OCAD University.
4. "sessile" in MACHines. Exhibition Catalog. Dominique Rolland (ed) 2012. Centre-des-Arts d'Enghien-les-Bains. 108-119. 120pp with color illustrations
5. "A Space Between" in Ensemble Ailleurs: Together Elsewhere. Louise Poissant and Pierre Tremblay (eds). 2010. Québec: Presses de l'Université du Québec.
6. *The Mobilization of Art Practice: Body Metaphors and the Desktop World View.* in Mobile Nation. M. Ladley and P. Beesley (eds), 2008. Riverside Architectural Press. P215-218.

Articles in Magazines and Online:

1. "Circuit Printing for Rapid Prototyping: Flexible Circuits" in FCAD Rubix: Showcasing Scholarly Research and Creative Innovation. With Megan Schoepich. FCAD 2019.
2. "From Crate to Close: Life Cycle of Electronic Art" in Critical Patch, Kapsula Magazine, Special Edition April 2019. kapsula.ca
3. "A Tangible Displacement of Narrative" in Rough Draft #4. February, 2018. Ryerson Transmedia Zone.
4. "Refracting the Familiar" in Function12. 2011. School of Image Arts.

Refereed Conference Proceedings:

1. "Kinship and Disembodiment in Mediated Cloud Spaces. From the Orrery to the Cloud. Precursors and Foundations of Sentience in New Media Art." in *26th International Symposium on Electronic Art. ISEA 2020. Why Sentience?.* Online from Montreal, Canada (COVID). October 13-18, 2020.
2. "Maker Culture and New Approaches to Art Education". in 14th International Conference on the Arts in Society. *Arts as Communication: The Impact of Art as a Catalyst for Social Change*. Polytechnic Institute of Lisbon, Lisbon, Portugal. June 19-21, 2019.
3. "Tiles That Talk: Tangible Templates for Networked Objects." in TEI '15 Ninth International Conference on Tangible, Embedded, and Embodied Interaction. Stanford, CA, USA — January 16 - 19, 2015

Abstracts and/or papers read:

1. "Nerd Nite International: Creating a Physical Computation Community Remotely." WITH Ashley Lewis, **Tom Igoe**, **Steve Daniels**, **Simone Jones**, Kate Hartman, Tess Sutherland & Emily Green AT Fostering Student and/or Colleague Engagement. *Learning to Teach Creative Technologies Remotely*.

A Virtual UnSymposium hosted by Integrated Digital Media at NYU. (Zoom). Jan 22-23, 2021. (Emphasis indicates presenters).

2. *"Kinship and Disembodiment in Mediated Cloud Spaces. From the Orrery to the Cloud. Precursors and Foundations of Sentience in New Media Art." AT 26th International Symposium on Electronic Art. ISEA 2020. Why Sentience? Online from Montreal, Canada (COVID). October 13-18, 2020.*
3. *"Maker Culture and New Approaches to Art Education". AT 14th International Conference on the Arts in Society. Conference Presentation. 2019. Polytechnic Institute of Lisbon, Lisbon, Portugal.*
4. *"From Crate to Close: Life Cycle of Electronic Art". AT Ontario Association of Art Galleries (OAAG) Digital Ideas Forum conference and symposium entitled Art Now! Art Next. Robert McLaughlin Gallery. 2018. Oshawa, ON.*
5. *"Tiles That Talk: Tangible Templates for Networked Objects." AT TEI '15 Ninth International Conference on Tangible, Embedded, and Embodied Interaction. Conference Paper. 2015. Stanford, CA, USA*
6. *"Boundary Layers" Artist in the Research Lab Panel. AT Common Pulse Festival. Conference Panel. 2011. Durham ON.*
7. *Towards Robot Ecologies" AT Subtle Technologies Festival. Conference Panel. 2011. Toronto. ON*
8. *"Stone's Throw: Skipping data with off-the grid networks." AT Grounding Open Source Hardware (GOSH!) Summit. Conference Presentation. 2009. Banff Centre for the Arts. Banff, AB. Canada.*
9. *"Transforming Urban Flow." AT Future Sonic. Conference Presentation. 2008. Manchester, U.K.*
10. *"A Space Between." AT Together Elsewhere: Toronto/Montreal/Lille. Conference Presentation. 2008. Toronto, ON.*

Poster Presentations:

1. *Flexible Circuits. AT RUBIX. FCAD SRC Showcase. FCAD Catalyst. Ryerson University. November 2019.*
2. *Flexible Circuits. AT Creative Technology Lab Launch, Ryerson University. October 2019.*
3. *Tiles That Talk: Tangible Templates for Networked Objects." AT TEI '15 Ninth International Conference on Tangible, Embedded, and Embodied Interaction. Conference Paper. Stanford, CA, USA, January 2015.*
4. *Tiles That Talk: Tangible Templates for Networked Objects." AT Ryerson Faculty Conference. Ryerson University, May 2014.*

Juried Exhibitions, Competitions:

1. “sessile” in Interaction. Digital Dynamics 2018. The Museum Kitchener, ON, Canada. 2018.
2. “BitMorph” IN Ontario Science Centre. Toronto, Canada. 2017.
3. “Marshmallow Clouds” IN TIFF Kids DigitalPlaySpace. TIFF Bell LightBox. Toronto. Canada. 2016
4. “Device for the Elimination of Wonder” IN Lively Objects: Enchantment and Disruption. ISEA 2015. Vancouver. Canada.
5. “Forest” IN TIFF Kids DigitalPlaySpace. TIFF Bell Lightbox. 2015.
6. “Difference Between Degrees” IN Mean Time To Upgrade. InterAccess. Toronto. ON. 2014.
7. “sessile” IN Éveil / Despertar. SESC Santana, Sao Paulo, Brazil. 2014.
8. “sessile” IN TIFF Kids Digital Play Space. Toronto, ON. 2014.
9. “sessile” IN MACHines. Le Festival International des arts Numeriques. Enghien-Les-Bain, France. 2012.
10. “sessile” IN I,Robot...You,Robot...We,Robot. Idea Gallery. Ontario Science Centre, Oct 2011 – January 2012. Toronto ON
11. “sessile” IN InterPlay, commonPulse Festival. Durham Art Gallery, 2011. Durham. ON
12. “sessile” IN SynSoma. Subtle Technologies Festival. 2011. Toronto. ON.
13. “sessile” IN Elektra12: International Digital Arts Festival. 2011. Montreal, QC.
14. “sessile” IN Electric Fields: Festival of Electronic Art and Sound. 2010. Ottawa, ON.
15. “sessile” IN theLivingEffect. 2010-2011 Ottawa Art Gallery, 4 November 2010 to 31 January 2011, Ottawa, ON.
16. “mote and chuck v_0.01” IN Bay Area Maker Faire. 2010. San Mateo, CA.
17. “sessile” IN Bay Area Maker Faire. 2010. San Mateo, CA.
18. “sessile” IN Homologies. 2008. Artspace. Peterborough, ON. (Solo Show)

Unjuried Exhibitions:

1. “Rainbow Machine” IN Pride 2017 and 2018 Peterborough, ON.
2. “sessile” in Closer Gallery. (IMA) December 2014.

3. "*Chasing Darkness*" Performance // Dance 2011. Peterborough Market Hall. Peterborough. ON.
4. "*White Light*" Performance // Dance 2010. Arts Space. Peterborough. ON.
5. "*Canopy Time*" (Video). Pentimento Fine Art Gallery. Toronto, ON.
6. "*Twine*" (Video Loop). 2007. Pentimento Fine Art Gallery. Toronto, ON.
7. "*Canopy Time*" IN Sculpture Challenge (Public Sculpture). 2007. Lakefield, ON.
7. "*All My Friends At Once*" IN Nuit Blanche (Guerrilla Intervention) 2007. Toronto, ON.

Collaborative Productions:

1. "*Sensorium*." New Media, School of image Arts, OCAD Networked Collaborative Event. 2010. Toronto, ON.
2. *(net)work it*. New Media, School of image Arts, OCAD Networked Collaborative Event. 2009. Toronto, ON.
3. *Imperial Measures*. New Media, School of image Arts, OCAD Networked Collaborative Event. 2008. Toronto, ON.
4. *Sources and Sinks*. School of Image Arts, OCAD, InterAccess. Networked Spaces. 2007. Toronto, ON.

Curatorial and Juries:

1. *Creative Fund Jury*, Office of Research Services (ORS), 2015. Ryerson University.
2. *Juror*. Canada Council for the Arts. 2013.
3. *Creative Fund Jury*, Office of Research Services (ORS), 2011. Ryerson University.
4. *Artspace Programming Jury*, Main Gallery 2010-2011 Season. 2009. Artspace Artist Run Centre. Peterborough, ON.
5. "*refractions*." Co-Curated with Malka Greene and Kathleen Pirrie-Adams. 2008. Ryerson Gallery, 80 Spadina, Toronto. ON.

Events Organized:

1. 2020 - ongoing. *tangible tactics in zoom*. Knowledge Mobilization and Covid response for faculty and instructors of tangible media. Weekly meetings involving faculty, instructors and staff from Ryerson University, OCADU, Sheridan College and ITP@NYU. Launched in June 2020.

2. 2020 - ongoing *International NerdNights*. Knowledge Mobilization and Exhibition. Zoom based nerdNights (see below) and Celebration of New Media Art. This forum provides a platform for New Media artists of all levels to gather and share work. Attendees from Ryerson, OCADU, Sheridan, NYU and with guests from as far as Palo Alto and Texas. International NerdNights were suggested by Simone Jones and organized by myself (Ryerson), Simone Jones (OCAD), Kate Hartman (OCAD), Doug Whitton (Sheridan), Tom Igoe (ITP), Tess Sutherland (Ryerson), Emily Green (Ryerson) and Ashley Lewis (Ryerson, ITP). Launched in September 2020.
3. 2006 - ongoing. *HackNight (with Ryerson New Media)*. Knowledge Mobilization. Weekly gathering of students and faculty offering unstructured, student led project support and exploration. Originally held in hallways, then in a classroom, and since Nov. 2013 in the New Media MakerSpace at Ryerson. HackNight has run every week of Fall and Winter Term since its inception. Temporarily suspended (March 2020 -) due to COVID. (See international nerdNight above. makerSpace staff joined the supporting coordination team in 2013.
4. 2017. *An Evening with Design I/O* Organizer. Public Lecture by Theo Watson. Given at Ryerson University.
5. 2016. *Design Process for Public Art*. Organizer. Guest Lecture given at Ryerson University by Alex Beim and Andrea Buttarini of *Tangible Interaction* (Vancouver, BC).
6. 2015. *Seeking a new language of beauty*. Co-organizer. Public Lecture Given by Micah Scott at TIFF Bell Light Box.
7. 2014. *Water Light Graffiti and Novel Game Interfaces*. Organizer, Guest Lecture. Given by Antonin Fourneau (France).
8. 2013 *Resonance, sound, electromagnetism and improvisation*. Organizer, Guest Lecture. Given by Peter Flemming (Montreal).
9. 2012 *Them F*cking Robots*. Screening of documentary. Co-sponsor and coordinator of Toronto presentation with *Subtle Technologies at Ryerson University*.
10. 2011 *An Evening with Dmitry Gelfand*. Co-sponsor (Ryerson New Media) of event with *Subtle Technologies*.
11. 2010 – 2012. *Media Wall Residency*. Resident Artist: David Rokeby. Principle Investigator, project coordinator in Collaboration with Doina Popescu, Director Ryerson Gallery and Research Centre (RGRC) and Ryerson New Media. Funded by the Canada Council for the Arts New Media Residency Program, RGRC and Ryerson University.
12. *New Media Lecture Series*. Guest: Nils Roeller, Zurich University of the Arts (*David Rokeby respondent*). Lecture Coordinator, in collaboration with Ryerson Gallery and Research Centre. 2009. Ryerson University. Toronto, ON.

Residencies:

1. "*Toward Robot Ecologies*" Residency. 2010. Banff New Media Institute (BNMI), Banff Centre. Banff, AB.

Artist Talks and Workshops:

1. *Engaging Students through Public Collaborations* AT TUX Talks TO. Toronto User Experience Group, Invited Member Lecture. 2017. University of Toronto, Toronto, ON.
2. *Art that behaves: Agents, Interfaces, Ecologies*. Artist Talk. Ryerson University. Toronto. Canada. 2015.
3. *Mechanism to Movement*. Participant. TEI15. Stanford University, Palo Alto, USA. 2015.
4. *A-life, Art and Robot Ecologies*. Artist Talk. Éveil / Despertar. SESC Santana, Sao Paulo, Brazil. 2014.
5. *Art that Behaves: Agents, environments and interfaces*. Artist Talk. Digital Future Initiative. TalkTalk series. OCAD University. 2012.
6. *Get Your Bot On: Robot Hack-a-thon*. Mentor. 2012
7. *Toward Robot Ecologies*. Artist Talk. Le Festival International des arts Numeriques. 2012. Enghien-les-Bain. France.
6. *Peripherals Initiative*. Panel Moderator. TIFF Nexus and Digifest. 2011, Toronto, ON
7. *Toward Robot Ecologies*. Invited Artist Talk. Marketplace for Digital Arts (IMDA) @ Elektra12. 2011. Montreal, QC.
8. *Toward Robot Ecologies* Invited Artist Talk. 2011. Ottawa Art Gallery, Ottawa, ON.
9. *White Light*. Performance Workshop. 2010. ArtSpace, Peterborough. ON.
10. *Wiimote Weekend*. Participant. 2009. Technoculture Art and Games Group. Hexagram, Concordia. Montreal, QC.
11. *StonesThrow: DIY networks*. Workshop Leader. 2009. GOSH Summit. Banff Centre for the Arts. Banff, AB.
12. *Towards Robot Ecologies*. Invited Lecture / Artist Talk. 2009. DorkBot. Toronto. ON.
13. *Sessile*. Invited Lecture / Artist Talk. 2008. Art Space. Peterborough. ON.

DATE: April 7, 2021