

Daniel Miller

Associate Professor of Emerging Technologies in Sculpture
The School of Art & Art History
Public Digital Arts Cluster Faculty

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EDUCATIONAL AND PROFESSIONAL HISTORY

Higher Education:

- 1997 MFA, Time Arts, The School of The Art Institute of Chicago, IL.
- 1994 BA, Studio Art, Sculpture, Hope College, Holland, MI.

Professional and Academic Positions:

- 2019-Present Associate Professor of Emerging Technologies in Sculpture & Public Digital Arts Cluster Faculty, The School of Art & Art History, The University of Iowa.
- 2014-2019 Assistant Professor of Emerging Technologies in Sculpture/Dimensional Practice & Public Digital Arts Cluster Faculty, The School of Art & Art History, The University of Iowa.
- 1997-2014 Adjunct Associate Professor, The Department of Art & Technology Studies, The School of The Art of Institute of Chicago, IL.
- 2010 Instructor, summer, Oxbow, school of art and artists' residency, Saugatuck, MI.
- 1999-2003 Instructor, Academic Computing Dept., Columbia College, Chicago, IL.

RESEARCH & SCHOLARSHIP:

Solo Exhibitions:

- 2019 *Ebb and Flow*, Evanston Art Center, Evanston, IL (upcoming Jan. – Feb. 2019).
- 2018 *Simulating Nature*, Cohen Gallery, Brown Arts Initiative (BAI), Brown University, Providence, Rhode Island, Link: www.danmillerart.com/Simulating_Nature.html
- 2010 *Altered Landscapes*, Moraine Valley Community College, Palos Hills, IL.
- 2000 *Interchange*, Gallery One, Elgin Community College, Elgin IL.

Group Exhibitions:

2018 *University of Iowa Biennial Faculty Exhibition*, The School of Art & Art History, The University of Iowa, Visual Arts Building, exhibiting "Floodwaters", Iowa City, IA (upcoming Sept. – Oct. 2018), Link: <http://www.danmillerart.com/Floodwaters.html> .

UI SAAH faculty show, exhibited "Bat Bots", group exhibition, Seoul National University of Science and Technology, Seoul, Korea; Link: http://danmillerart.com/Bat_Bots_Project.html .

Anthropocene, Ann Street Gallery, exhibited "Gradual Slip", juried group exhibition, Newburgh, NY; Link: http://www.danmillerart.com/Gradual_Slip.html .

Biomimicry - Redefining Nature Through Art, exhibited "Bat Bots", juried group exhibition, Fine Line Creative Arts Center, St Charles, IL.

2017 *ISEA 2017, Manizales, Bio-Creation and Peace*, The International Symposium on Electronic Art. exhibited "Gradual Slip" robotic sculpture at Universidad de Caldas, Manizales, Colombia.

iDEAS 17 exhibition, exhibited "Gradual Slip", International Digital Media Arts Association 2017 Conference, University of the District of Columbia, juried exhibition, Washington, DC.

Exploring Iowa's Renewable Energy, Permanent installation at The Robert A. Lee Recreation Center, Collaboration, Iowa City, IA.

Failure to Launch, Demonstration of Robotic Wing at Family Day, Iowa Raptor Project, Solon, IA.

Art of OUR Century 2017, exhibited "Bat Bots", Woodbury Art Museum, juried group exhibition, Utah Valley University, Orem, UT.

Place, Manifest Gallery, exhibited "Contained", juried group exhibition, Cincinnati, OH.

2016 *iDEAS exhibition*, exhibited "Ouroboros", International Digital Media Arts Association 2016 Conference, Winona State University, juried exhibition, Winona MN.

ISEA 2016 Hong Kong, Cultural R>evolution, The International Symposium on Electronic Art, exhibited "Ouroboros" robotic sculpture, School of Creative Media, City University of Hong Kong, juried exhibition, China; Link: <http://danmillerart.com/Ouroboros.html> .

University of Iowa Biennial Faculty Exhibition, The School of Art & Art History, The University of Iowa, Visual Arts Building, exhibited "Gradual Slip", Iowa City, IA.

Body & Machine 2016: Kinetic and Interactive Art, exhibited "Bat-Bots", juried exhibition, Minneapolis, MN.

Concinnity, exhibited "Victuals", invited, The University of Iowa Hospital, Iowa City, IA.

- Synthetic Zero*, exhibited "Bat-Bots", juried exhibition, Bronx Art Space, Bronx, NY.
- 2015 *University of Iowa Biennial Faculty Exhibition*, Figge Muesum, exhibited "Contained", Davenport, IA.
- Sling Shot International Festival of Music, Electronic Art and Tech*, exhibited: "Bat Bots", juried exhibition, Athens GA.
- 2014 *SpotLight*, exhibited "Contained", invited, Elmhurst Art Museum, Elmhurst, IL.
- 2013 *OBJECTIVE/SUBJECTIVE: Mapping as Visual Language*, exhibited "Site A" & "Contained", juried exhibition, Northern Illinois University Art Museum, DeKalb, IL.
- LEVEL 2013*, site specific installations of "Site A" & "Contained" along Chicago Riverwalk, invited, Chicago, IL.
- Lightsense*, exhibited "Contained", Zhou B Art Center, invited, Chicago, IL.
- 2012 *ISEA 2012 Albuquerque, Machine Wilderness*, The International Symposium on Electronic Art, Exhibited: "Chiroptera Domus", The Albuquerque Museum of Art & History, juried exhibition, Albuquerque, NM.
- Conflux*, exhibited "Contained", Pearl Conard Gallery, juried exhibition, Ohio State University at Mansfield, OH.
- 2011 *Petri Dish*, exhibited "Specimen Series", Target Gallery, Torpedo Factory, juried exhibition, Alexandria, VA.
- 2010 *KY.7 Biennial*, exhibited "Contained", Lexington Art League, juried exhibition, Lexington, KY.
- 2008 *Tweak Interactive Art & Live Electronic Music Festival*, installed "Site A" in City Hall, juried exhibition, Limerick, Ireland.
- International Festival of Electronic Art 404*, installed "Site A" at Molo 4 cruise ship passenger terminal, juried exhibition, Trieste Italy.
- International Festival of Electronic Art 404*, installed "Site A" in custom geodesic dome, invited, Basel Switzerland.
- 2002 *The Rockford Midwestern Exhibition*, exhibited "Pyro-Circle", The Rockford Art Museum, Juried Competition, Rockford IL.
- 2002 *Signal::Noise*, exhibited "Acoustical Landscape", Swanson Cralle Gallery, invited, Louisville, KY.
- 2001 *Interface: Exploring Possibilities*, exhibited "Two In Conversation", Fassbender Van Straaten Gallery, invited, Chicago, IL.
- 2000 *in::formation*, exhibited "Colony", curated with sine::apsis experiments, Betty Rymer Gallery, Chicago IL.
- 1999 *Juried Alumni Show*, exhibited "Two In Conversation", Hope College, Holland, MI.
- Neurectopia*, exhibited "Two In Conversation", curated with sine::apsis experiments, Contemporary Art Workshop, Chicago, IL.

Ten, 10 year invitational exhibition, exhibited "Light Structures", The Soap Factory N.N.E, juried show, Minneapolis, MN.

Exocytosis, Gallery EGG, curated with sine::apsis experiments, Chicago, IL

1997 *ISEA 1997 Chicago*, The International Symposium on Electronic Art, exhibited: "Light Structures", invited as grad student as part of main exhibition Chicago, IL.

Published Reviews and Articles on Scholarship:

2018 "Anthropocene", Issues in Science and Technology Spring 2018, National Academies of Sciences, Engineering, and Medicine, Vol. XXXIV, Number 3, pages 64-72.

2016 ASEF Culture 360, "ISEA Cultural R>evolution", review by Hugh Davies, <http://culture360.asef.org/magazine/international-symposium-of-electronic-art/>.

2015 Little Village, "Figge exhibition showcases the diverse work of UI faculty", review by Jill Holaday, Apr 28, 2015, <http://littlevillagemag.com/figge-exhibition-showcases-the-diverse-work-of-ui-faculty/>.

2014 Chicago Parent, "New light exhibit brightens Elmhurst Art Museum", by Liz DeCarlo, Feb. 24, 2014, <https://www.chicagoparent.com/learn/museums/elmhurst-art-museum-light-exhibit/>.

2008 Shoot An Iraqi, Art, Life and Resistance Under The Gun by Wafaa Bilal & Kari Lydersen; City Lights; San Francisco, CA; pages. 16,20,24

2002 Information Arts, intersections of art, science and Technology, MIT Press, Cambridge, MA; Stephen Wilson, pg. 744.

2000 "in::FORMATION, The Aesthetic Use of Machine Beings", LEONARDO, Journal of the International Society for the Arts, Sciences & Technology Leonardo Gallery, Volume 33, Number, 4; James R. Hugunin; pg. 249.

2000 Chicago Reader; "Technically Brilliant"; Feb. 11; Fred Camper Section 1, pg. 34.

Invited Lectures and Conference Presentations:

2018 Speaker, Technarte 2018 Los Angeles, International Conference on Art & Technology, invited, Los Angeles, CA (upcoming Nov. 15-16, 2018).

2017 *Artist Talk, ISEA 2017 Manizales/Colombia, Bio-Creation and Peace*, The International Symposium on Electronic Art.

Artist Talk, International Digital Media Arts Association 2017 Conference, University of the District of Columbia, invited, Washington, DC.

2016 *Artist Talk*, International Digital Media Arts Association 2016 Conference, Winona State University, MN.

Gallery Talk, *ISEA 2016 Hong Kong, Cultural R>evolution*, The International Symposium on Electronic Art, Innovation Tower, School of Design, The Hong Kong Polytechnic University, Hong Kong.

- 2015 *Artist Talk*, Figge Art Museum, Davenport, Iowa, United States, Daniel W.
- 2014 Elmhurst Art Museum, Artist Lecture, Elmhurst, IL.
- 2011 Lecture: "Motion & Light in Art" at the Evanston Art Center, Evanston, IL.
- 2010 *Altered Landscapes Artist Lecture*, Moraine Valley Community College, Palos Hills, IL.
- 2000 Lectures & workshops, California State University at Long Beach Long Beach, California.
- 2000 Elgin Community College, artist lecture Elgin, Illinois.
Betty Rymer Gallery, artist lecture Chicago, IL.
- 1998 N.N.E. at Soap Factory, artist lecture Minneapolis, MN.

Exhibitions Curated

- 2000 *in::formation*, Sine::apsis Experiments; Betty Rymer Gallery, Chicago IL.
- 1999 *Neurectopia*, Sine::apsis Experiments; Contemporary Art Workshop, Chicago, IL.
- 1998 *Exocytosis*, Sine::apsis Experiments, Gallery EGG, Chicago, IL.

Memberships

- 1998-2005 Sine::apsis Experiments; founding member and treasurer; a not-for-profit organization with 501 (c) 3 status, dedicated to the exhibition, curating and research of electronic art. Chicago, IL.

Honors and Awards:

- 2016 iDEAS exhibition award for "Most Innovative", International Digital Media Arts Association (iDMAa), iDMAa conference, Winona University, MN.
Digital Prize awarded from *Body and Machine 2016: Kinetic and Interactive Art* Exhibition, Minneapolis, MN.
- 1994 The Herman Miller Art Award, Hope College, Holland, MI.
- 1993 Holland Area Arts Council Award, Holland, MI

FUNDING & SUPPORT

Internal Funding:

- 2017-2018 Studio Start-up funds, SAAH, University of Iowa, for studio supplies to develop new artwork.
- 2017 AHI award, for "Floodwaters Project", The Office of the Vice President for Research and Economic Development, University of Iowa.

- 2017 Travel Award, International Programs, University of Iowa, funding for travel to International Symposium of Electronic Art, Manizales, Colombia.
- 2016-2017 Studio Start-up funds, SAAH, University of Iowa, for studio supplies to develop new artwork.
- 2015-2016 Old Gold Summer Fellowship, University of Iowa, College of Liberal Arts and Sciences, to develop and create artwork.
- 2015-2016 Studio Start-up funds, SAAH, University of Iowa, for studio supplies to develop new artwork.
- 2016 Travel Award, International Programs, University of Iowa, funding for travel to International Symposium of Electronic Art, Hong Kong for art exhibition.
- 2014-2015 Studio Start-up funds, SAAH, University of Iowa, for studio supplies to develop new artwork.
- 2012-2013 Faculty Enrichment Grant, The School of The Art Institute of Chicago, funding for travel to International Symposium of Electronic Art, Albuquerque, NM.
- 2008-2009 Faculty Enrichment Grant, The School of The Art Institute of Chicago.

External Funding:

- 2018 Stipend from Brown Arts Initiative for Simulating Nature Exhibition, at Cohen Gallery, Brown University, RI.
- 2016-2017 Project Funded by The City of Iowa City for completion of project: *Exploring Iowa's Renewable Energy*; Permanent installation at The Robert A. Lee Center, Iowa City, IA.
- 1999-2000 C.A.A.P Grant, City of Chicago, IL.

TEACHING:

2014-Present

Assistant Professor of Emerging Technologies in Sculpture
Dimensional Practice Area

Courses Taught:
Graduate Sculpture Workshop
Sculpture I
Topics In Sculpture: Metal Fabrication
Electronic Objects and Spaces
Robotic Art Studio
Air, Actuators and Motors

1997- 2014

Adjunct Assistant Professor, Art & Technology Dept., The School of The Art of Institute of Chicago, IL.

Courses Taught:
Fabricating for Motion (cross-listed with Sculpture Dept.)

Robotics
 Kinetics
 Actuator Design & Integration (cross-listed with Sculpture Dept.)
 Contemporary Practice Art & Tech.
 Fundamentals of Art with Technology I
 Fundamentals of Art with Technology II

2010 Instructor, Oxbow, school of art and artists' residency, Saugatuck, MI.
 Sculpture Course: Kinetics: Form in Motion

1999-03 Instructor, Academic Computing Dept., Columbia College, Chicago, IL
 Courses Taught: Introduction to Robotics Computer Controlled Installation
 Environments.

SERVICE:

Profession

2018 Juror for Apexart 2018 International Exhibition Program, Apexart, NY, NY.
https://apexart.org/intl18/jurors.php?utm_source=sendinblue&utm_campaign=Juror_Reminder_Email&utm_medium=email

Juror for The Urgency of Reality in a Hyper-Connected Age, ACM SIGGRAPH Digital Arts Community Online Exhibition (upcoming Sept. 2018).
<https://urgency-reality.siggraph.org/wp/>

1998 – 2005 Sine::apsis Experiments, Officer, Founding Member & Treasurer, a not-for-profit organization with 501(c) 3 status, dedicated to the exhibition, curating and research of electronic art, Chicago, IL.

Department

2019 –Present Sculpture Program Head

2019 –Present Gallery Coordinator

2017 – 2018 Photography Search Committee Member, SAAH, appointed.

2016 – 2017 Faculty Executive Committee Member, SAAH, elected.

2014 – 2015 Faculty Executive Committee Member, SAAH, elected.

2015 You@UI lecture, Guest Speaker, presentation to prospective students and parents at ABW, at request of Director of SAAH.

College

2018 Panelist, Coffee and Conversation with Established Junior Faculty, College of Liberal Arts and Sciences, invited.

2015 Digital Arts Curriculum Committee Member, developed outline for new Digital Arts Gateway course, at request of Director of Performing Arts, Provost.

University

2018 - Present Reviewer, Arts and Humanities Initiative Program (AHI), The Office of the Vice President for Research and Economic Development, invited.

2014 - Present Public Digital Arts Cluster Faculty Member.

