

## **EDUCATION:**

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**Master of Fine Art** - The Ohio State University, 2004

**Bachelor of Fine Art** - The School of the Art Institute of Chicago, 1998

## **PROFESSIONAL EXPERIENCE:**

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### **Assistant Professor** - Union College

*July 2005 – present*

- Developed a cross-disciplinary Digital Arts program between the Visual Arts and Computer Science Departments.
- Created curriculum for various courses within the program covering 3D Computer Modeling, Digital Imaging, Time Art, Video, Web Design, Programming, Physical Computing,
- Instructing courses within program.

### **Project Assistant** - Ann Hamilton Studio

*September 2004 - July 2005*

- Project assistant, consultation, and fabrication on various aspect of design and production
- Various computer related tasks including digital video editing, digital imaging, and computer network support

### **Creative / Technical Art Director** – (ART)N LABORATORY

*January 1998 - March 2002*

- Managed, designed, and executed production of stereoscopic hardcopy images and sculptures for a variety of museums and exhibitions including Siggraph, MCA Chicago, CERN, and JPL.
- Co-developed, directed, and fabricated a permanent Monument for the Battle of Midway, Midway Airport Chicago
- 3D modeling, lighting, animation, etc. with SoftImage and MAYA.
- Co-created and designed 4000 sq. ft studio, “(art)<sup>n</sup> laboratory”
- Directed modelers and animators for a variety of clients in several 3D applications

## **EXHIBITIONS AND AWARDS: 2000 - PRESENT**

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2010

- **Sonar – SonarMatica, (Back to) The Robots**, (group show) Barcelona, Spain
- **The Luminary Center For The Arts, “Answer Factory”**, (group show), St. Louis, Missouri
- **Full Fellowship Award Vermont Studio Center**, Johnson, VT
- **Vermont Studio Center**, resident April 2010, Johnson, VT

- **Takt Kunstprojektraum**, resident February 2010, Berlin Germany
- **The Ohio State University**, (group show) Marion County, Ohio
- **Red Dot Art Fair**, Carrie Haddad Gallery, New York, New York
- **Market Street Gallery**, (group show), Albany, NY

#### 2009

- **Experimental Media and Performing Arts Center (EMPAC)**, “**Slow Wave**” (group show), Troy, NY
- **Tweak - Interactive Art and Live Electronic Music Festival** (group show), Limerick, Ireland
- **New York Foundation for the Arts Fellow (NYFA) Digital/Electronic Arts**
- **Carrie Haddad Gallery**, “**Frolic**”, (group show), Hudson, NY
- **Fundación Telefónica**, “**Emergentes**” (group show), Santiago, Chile
- **Shelnutt Gallery - Rensselaer Polytechnic Institute**, “**Intermission**” (solo show), Troy, NY
- **NEXUS/Foundation**, “**Unintended Uses**” (group show), Philadelphia, PA

#### 2008

- **Fundación Telefónica**, “**Emergentes**” (group show), Lima, Peru
- **F. Collective**, “**Machine Drawings**”, (solo show), Hudson, NY
- **Espacio**, “**Emergentes**” (group show), Buenos Aires, Argentina
- **Pluggedin**, (group show), Hudson, NY
- **Exit Art**, “**BrainWaves: Common Senses**”, (group show), New York, NY
- **Mandeville Gallery**, “**Fernando Orellana: Recent Work**”, (solo show), Schenectady, NY
- **Faculty Research Fund** - Union College, Schenectady, NY

#### 2007

- **New York Foundation for the Arts Strategic Opportunity Stipend**
- **Albertine Monroe-Brown Gallery**, “**Habitual Ritual**”, *digital print* (group Show), Kalamazoo, MI
- **LABoral - Centro de Arte y Creación Industrial**, “**EMERGENTES**” (group show), Gijon, Spain
- **Tang Teaching Museum at Skidmore College**, “**Elevator’s Music**”, *robotic sculpture*, (solo show), Saratoga Spring, NY
- **The Esther M. Klein Art Gallery**, “**Art and Science XXIV: Artbots**”, *kinetic sculpture*, (group show), Philadelphia, PA
- **St. Anthony’s Church**, “**Vistuary Operatics**”, *robotic sculpture* (group show), Albany, NY
- **Faculty Research Fund** - Union College, Schenectady, NY

#### 2006

- **Glass Curtain Gallery-Columbia College**, “**Inactive/Active**”, *robotic sculpture*, (group show) Chicago, IL

- **Vida 8.0 Art & Artificial Life International Competition**, *kinetic sculpture*, Finalist (honorary mention), Madrid, Spain
- **Siggraph 2006 – “Conference and Exhibition”** *robotic sculpture*, (group show) Boston, MA
- **Schenectady Museum, “High Voltage Fields”**, *robotic sculpture* (group show) Schenectady, NY
- **Goggle Works, “Lost and Found”**, *digital prints*, (group show) Reading, PA
- **Faculty Research Fund** - Union College, Schenectady, NY

#### 2005

- **NOVA\_Project Space, “Robot, Rabbits and Radios”**, *painting*, (solo show) -, Chicago, IL
- **The Ark: A Cultural Center for Kids, “Save the Robots”**, *kinetic sculpture*, (group show), Dublin, Ireland
- **Arte Nuevo Interactiva 2005, Online Participation**, (group show), Yucatan, Mexico
- **The Ohio Art League “Babes in Toyland”**, *kinetic sculpture*, (group show), Columbus, Ohio
- **The Ohio State University: “Babes in Toyland”**, Marion County, *robotic sculpture*, (group show), Marion, Ohio
- **Faculty Research Fund** - Union College, Schenectady, NY

#### 2004

- **Vida 7.0 Art & Artificial Life International Competition**, *Kinetic sculpture*, Finalist (Honorary mention), Madrid, Spain
- **The Columbus Museum of Art, “Observation”**, *digital prints* (group show), Columbus, Ohio
- **BLD, “Time Machine”**, *sculpture*, (group show), Columbus, Ohio
- **BEAP, “Distributed Difference”**, *robotic sculpture*, (group show), Biennial exhibition, Perth, Australia
- **ROYGBIV Gallery, “Plinko Project”**, *painting*, (group show), Columbus, Ohio
- **Kathryn Markel Fine Arts, “Unruled”**, *digital prints*, (group show), New York, New York
- **The Ohio State University Union exhibition**, *digital prints*, (group show), Columbus, Ohio
- **ArtBoat 2004**, *digital prints*, (group show), Chicago, Illinois
- **Mahan Gallery, “Transmissions from Space”**, *robotic sculpture /digital prints* (two person show), Columbus, OH
- **Kline Works, “Tart”**, *kinetics*, (group show), Chicago
- **Edith Fergus Gilmore Scholarship Recipient**, Columbus, Oh Hopkins Hall Gallery,
- **“Edith Fergus Gilmore Scholarship Exhibition”** *robotic sculpture, digital prints*, (group show), Columbus, Oh

- **Hopkins Hall Gallery, “Graduate Show”**, *robotic sculpture*, (group show), Columbus, Oh

### 2003

- **Kline Works, “Reticent Robots”**, *robotic sculpture*, (group show), Chicago
- **Eyebeam, “Robot / ArtBots Talent Show”**, *kinetic sculpture* (group show), New York City
- **COSI, “Algorithmic Mash | Machinations”**, *robotic sculpture*, (group show), Ohio
- **Edith Fergus Gilmore Materials Grant Recipient**
- Silver Image Gallery, “Machinic Phylum”, *kinetic sculpture*, (group show), The Ohio State University
- **Graduate Center Art Gallery, “Art and Science at CUNY”**, PHSCologram installation, Collaboration with (art)<sup>n</sup> laboratory, (group show), New York City
- **Edith Fergus Gilmore Gallery, “Graduate Show”**, *machine drawing*, (group show), The Ohio State University
- **Larry’s**, *painting*, (group show), Columbus, Oh
- **The Late Show, “Valentines”**, *painting*, (2 person show), Kansas City, MO

### 2002

- **Kline Works, “Reticent Robots”**, *robotic sculpture*, (group show), Chicago
- **1/Quarterly Gallery, “Ambulation”**, *kinetic sculpture* (2 person show), Chicago, IL
- **ArtsWatch, “Plug and Play”**, *kinetic sculpture*, (group show), Louisville, Kentucky
- **Siggraph 2002, San Antonio-NSpace Gallery**, *kinetic sculpture* (group show) San Antonio, TX
- **Moberly Area Community College**, *kinetic sculpture*, (solo show), Moberly, MO
- **The Late Show, “Joe Gregory and the Evil Elves”**, *painting*, (group show), Kansas City, MO
- **The Late Show, “Present Tense”**, *painting*, (2 person show), Kansas City, MO

### 2001

- **Siggraph 2001, Los Angeles**, *sound interactive sculpture*  
Collaboration with (art)<sup>n</sup> laboratory
- **Sotheby's/Artlink International Young Art Exposition**, *kinetic sculpture and painting*, (group shows), New York, London, and Tel Aviv
- **Freark Gallery, “Ground Lines”**, *kinetic sculpture*, (2 person show), Chicago, IL.

- **The Battle of Midway Memorial**, *permanent PHSCologram installation*, Collaboration with (art)<sup>n</sup> laboratory, Chicago, Illinois

#### 2000

- **Siggraph 2000, New Orleans**, *sound interactive PHSCologram*, Collaboration with (art)<sup>n</sup> laboratory
- **Finalist Art Link/Sotheby's International Young Art 2001**
- **Art Chicago 2000**, *PHSColograms*, Collaboration with Ed Paschke, Karl Wirsum and (art)<sup>n</sup> laboratory
- **Betty Rymer Gallery / The Art Institute of Chicago**, **"in::formation"**, *kinetic sculpture*, (group show), Chicago, Illinois

### **PUBLICATIONS:**

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#### 2009

- **ARTnews**, **"Brain Wave"**, By: Ann Landi, June 2009
- **Troika**, **"Digital by Design"**, By: Conny Freyer, Sebastien Noel, Eva Rucki, Paola Antonelli, Publishers: Thames & Hudson

#### 2008

- **FLYP**, **"Machine Dreams: Robotic Art"**, By: Amy Van Vechten, July 25<sup>th</sup> 2008
- **Art in America**, **"Mind Matter"**, By: Eleanor Heartney, April 2008
- **Art Review**, **"Do the Robot"**, By: Regine Debatty, Issue 22, May 2008
- **Metroland**, **"Best New Media Artist 2008"**, July 2008
- **Exhibition Catalog**, **"Fernando Orellana: Recent Work"**, **"Imaginary War: The Paintings of Fernando Orellana"** By: Chet Hardin, February 2008
- **Exhibition Catalog**, **"Emergentes"**, Various authors, May 2008
- **Metroland**, **"Technology Meets Absurdity"**, By: Nadine Wasserman, May 2008
- **We-Make-Make-Money-Not-Art**, **"Robot 'plays back' dreams"**, By: Regine Debatty, February 15, 2008
- **We-Make-Make-Money-Not-Art**, **"BRAINWAVE: Common Senses"**, By: Regine Debatty, March 26, 2008
- **We-Make-Make-Money-Not-Art**, **"Interview with Fernando Orellana"**, By: Regine Debatty, May 7, 2008
- **Slashdot**, **"Robot Interprets, Plays Back Dreams"**, By: ScuttleMonkey Feb 18, 2008
- **Engadget**, **"Humanoid acts out your dreams, encourages insomnia"**, By: Darren Murph, Feb 16th 2008

#### 2007

- **Today's Machining World**, **"The Intersection of Art and Machining"**, - By: Robert Straussl, Vol.03, issue 8, August 2007
- **MAKE: Technology on your Time**, **"Art Work – The Joy of**

- **YDKEWYGUYGI**", - By: Douglas Repetto , Vol.09, March 2007
- **The Gazette - Schenectady, NY, "Robot Camp combines technology, art"** – By: Mark Robarge, June 2007
- **Capital News 9 - Albany, NY, "Students take part in Robot Camp"** (video and article), By: Vince Gallagher, July 2007
- **Times Union - Albany, NY, "Union College's robot camp sets sights on future"** - By: David Reyes July 2007
- **We-Make-Make-Money-Not-Art, "Emergentes - 10 projects by Latin American artists (part 1)"**, By: Regine Debatty, November 19, 2007

#### 2005

- **ReDivider**, IQ Questions, Spring 2005: Volume 2, No.2
- **Technikart Futur**, Collectors edition, Summer 2005
- **Columbus Alive**, Critical review "Babes in Toyland", June 8th, 2005
- **The Columbus Dispatch**, Critical review "Babes in Toyland", June 2005

#### 2004

- **Wired Online, "Robots Suffer for Art's Sake"** - By: Daniel Terdiman, December 2004
- **Realtime Australia**, Critical review and interview of BEAP, Aug. 2004, edition 64
- **"Unruled Catalogue" New York**, catalogue for group exhibition
- **NPR (WBEZ - FM Radio)**, 15 min. review of "Tart" "EIGHT FORTY-EIGHT" hosted by Steve Edwards, April 27, 2004
- **NewCity Chicago** - Critical review of "Tart", group show

#### 2003

- **Wired Online**, Critical review of "Robot / ArtBots Talent Show", group show

#### 2002

- **NPR (WFPL - FM Radio)**, 7 min. preview segment on "Signal to Noise" produced by Kim Sorese, June 29, 2002 run date

#### 2001

- **The Pitch, "Present Tense"**, two person painting show
- **WMAQ NBC 5**, B.O.M. dedication 6/4/01 4:35PM, (01:51)
- **WBBM CBC 2**, B.O.M. dedication 6/4/01 5:24PM, (01:06)
- **WLS ABC 7**, NEWS B.O.M dedication 6/4/01 6:11PM, (01:12)
- **WBBM CBS 2**, B.O.M dedication 6/4/01 10:16PM, (00:24)
- **WTTW Chicago Tonight**, B.O.M dedication 6/4/01 7:00pm

2000

- **Chicago Reader**, “**Technically Brilliant**”, By: Fred Camper
- **Leonardo**, “**The Aesthetic use of Mechinic Beings**”, By: James Hugnin, *Leonardo* 33: 4 (fall 2000): 246 - 261

## **LECTURES:**

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- **Limerick University** (lecture + robotics workshop), Limerick, Ireland
- **The College of Saint Rose – NYFA sponsored** (lecture) – Albany, NY
- **University of New Mexico** (lecture) - Albuquerque, NM
- **Siggraph 2006** (lecture) - Boston, Massachusetts
- **Union College** (robot camp '06,'07,'08) - Schenectady, NY
- **College for Creative Studies** (lecture) - Detroit, Michigan
- **Diseno Visual** (lecture + robotics workshop) - Manizales, Columbia
- **TAFE University** (robotics workshop) - Midland, Australia
- **The Wexner Center** (robotics workshop) - Columbus, Ohio
- **The School of the Art Institute of Chicago** (lecture) - Chicago, Illinois
- **Moberly Community College** (lecture) - Moberly, Missouri
- **The University of Illinois at Chicago** (lecture) - Chicago, Illinois
- **Northwestern University** (lecture) - Chicago, Illinois
- **University of Southern California** (lecture) - Long Beach, California

## **COLLECTIONS:**

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- **Richard and Ellen Sandor Family Collection**, Chicago, IL
- **The Ohio State University**, Student Union Collection, Columbus, OH
- **Leslie Lerner Collection**, Kansas City, KS
- **Western Michigan University**, Kalamazoo, MI