# Public Art Advisory Committee Thursday, January 5, 2017 3:30 PM

Lobby Conference Room 410 E Washington St

# AGENDA

# Call to order

Public discussion of any item not on the agenda

Consideration of minutes of the November 3, 2016 meeting

**Election of Officers for 2017** 

Robert A Lee Recreation Center STEAM Wall Installation - Review of responses to Request for Qualifications

**Committee announcements or Committee reports** 

Staff reports - PAAC membership, Matching Funds

Adjournment

Dear Marcia,

I'm writing in response to the RFQ for a wall installation at the Robert A. Lee Rec Center. I just became aware of this opportunity today, and I'm hoping your still accepting applications. Below is my letter of intent, references, and links to past work. Attached is my cv and a few images to give you a sense of my work.

My name is Cara Briggs Farmer, and I'm an Iowa artist working in steel and mixed media. I have produced site-specific STEM-related pieces for Kirkwood Community College, numerous custom site-specific pieces for private residences, and recently installed a 15' x 10' x 6' piece of public art for the City of Marion.

The relationships and interplay among engineering, math, technology, and art are real and tangible in my studio every day. Without working knowledge of geometry, vectors, thermal mass, and rigging, I'd be out of a job. MIG welded steel is my primary medium. I am as comfortable designing and building with new materials as I am improvising with reclaimed steel. Much of my work starts with the ratio Phi incorporated into a Prairie School aesthetic. These pieces are intended to feel refined and offer the viewer a medium for contemplation, reflection, and inspiration. Other pieces start in the junkyard. Salvaged materials allow me to create art which speaks to the object's past while inviting the viewer to re-imagine what is possible.

As a former theater technical director, I am equally comfortable with collaboration and solo work. I believe communication, criticism, and feedback are essential to creating not only the best possible piece for the site, but also essential to building and maintaining healthy and vibrant community relationships among citizens, city administration, and artists. I would welcome the opportunity to collaborate with the City of Iowa City to create a STEAM-centered piece that is equally engaging and accessible.

Best Regards,

Cara Briggs Farmer Synergy Metalworks 933 9th St Marion, IA 52302 319-373-0026

References:

Karen Hoyt, Artistic Director ImaginArt in the Alleys. khoyt@speedconnect.com

Arbe Bareis, Fine & Performing Arts Coordinator, Kirkwood Community College. arbe.bareis@kirkwood.edu

Gail Handley, Board of Directors, Bottleworks Loft Condominiums. gabbygails@aol.com

Links: <u>Synergy Metalworks</u> <u>Synergy Metalworks on Houzz</u>

# **Cara Briggs Farmer**

933 9<sup>th</sup> Street Marion, Iowa 52302 319-373-0026 synergymetal@gmail.com

# 2016 Major Projects

"Prairie Schooled", *Marion IA*. Stainless steel archway incorporating hand painted polycarbonate, planters, benches, & lighting. *ImaginArt in the Alleys (public art initiative in Marion, IA.)* 

"Ringo & Sisyphus", *Coe College*. Two 6' freeform open structure carbon steel spheres for Coe's Alumni House Garden.

Midcentury Modern railings. *Cedar Rapids*. 95' of stainless steel security railings designed with the ration Phi for ASAC's teen residential facility.

Steampunk French Doors. *Cedar Rapids, private residence*. Two 6'6" doors incorporating working gears, clutch plates, automotive components and reclaimed steel.

# 2015 Major Projects

Atrium sculpture. *Bottleworks Loft Condominiums, Cedar Rapids, IA*. Four 4' x 9' panels designed specifically for the space and installed in a repurposed water feature.

Outdoor sculptures. *Uptown Marion District, Marion, IA*. 15 freestanding open structure spheres to replace missing trees in Uptown district.

"Sine of the Times" & "Little Sangaku on the Prairie". *Kirkwood Center, Coralville, IA*. Two 5' x 9' sculptures designed specifically to compliment STEM education. One utilizes 100% reclaimed steel and implies hexidecimal code; one incorporates the ratio Phi and Sangaku geometry.

Memorial. *Lutheran Church of the Resurrection, Marion, IA*. 9' open structure cross incorporating stylized tree growth rings.

Exhibit & Gallery Talk. *Marion Arts Council gallery at The Lowe Center*, June 2– July 30.

# **Past Major Projects**

Outdoor railings. *Oak Village Community, Cedar Rapids, IA*. Safety railings incorporating custom leaf motif and engineered to withstand shifting/cracking of concrete slab. 2014

Indoor railing panels. *Private residence, Cedar Rapids, IA*. Prairie style open structure steel panels, engineered to Linn County residential code requirements, built to replace stock railing stiles. 2014

Champagne trees. *Unique Events of Iowa, Iowa City, IA*. Freestanding steel oak & willow trees designed to hold 24 champagne flutes each. 2013 & 2015

Outdoor sideboard. *Private residence, Marion, IA*. Combined reclaimed steel and live edge cherry slab to create custom patio piece. 2014

Atrium table. *Private residence, Marion, IA*. Incorporated surplus granite with new steel to create a dominant feature in residence's main entryway. 2012

# Marion Community Committee Work

Committee member. Marion Mainstreet Design Committee. 2013 - present

Committee member. Lowe Park Art Trail Committee. Winter 2014 - present

Committee member. Marion Public Library Building Committee. Spring 2015 - present

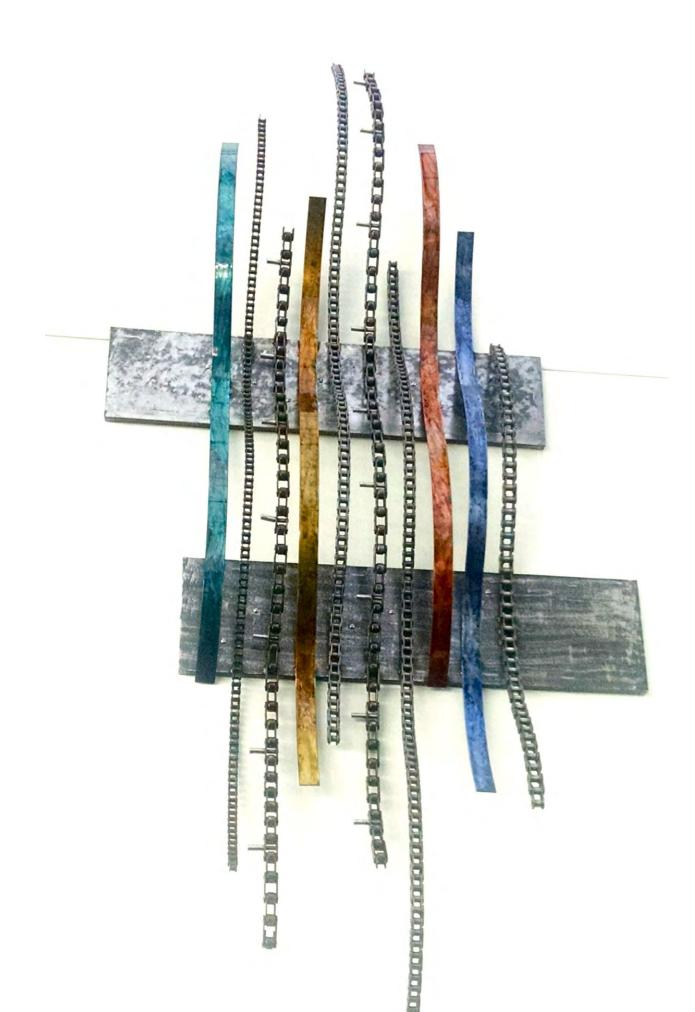
# **Relevant Work Experience**

2003 – 2008 Technical Director, History Theatre, St. Paul, MN. Responsible for engineering, drafting, building, rigging, & installing stage scenery on time and under budget in a 600+ seat professional theater; crew management, labor and materials budget management.

2000 – 2003 Master Carpenter, History Theatre, St. Paul, MN. Responsible for building, rigging and installing stage scenery in a 600+ seat professional theater. Skills acquired: MIG welding, rigging, hardware fabrication.

# Education

MA – University of Northern Iowa, 1999 BA – University of Northern Iowa, 1997







My name is Megan Bishop, I am a local Iowa City artist and muralist. I am so excited to share my vision with you regarding the space at the Rec Center. I have visited the site with my former Art teacher Hani Elkadi. I understand the previous mural was created by students at the alternative school, as a former student of SHAC, I would be honored to carry on the tradition with a new mural.

I have been commissioned to create many murals around the Iowa City area. My latest mural was at The ARC of Southeast Iowa. I created a sensory room & mural as a calming spot for their clients with special needs. The room was an enclosed space in which I incorporated mixed media with a colors and designs meant to center energy and focus. I love incorporating different textures and playing with colors; this project allowed me the freedom to do both.

I chose a space-themed mural for the S.T.E.A.M. opportunity. By choosing outer space, not only can I incorporate all elements of S.T.E.A.M., it is educational, gender neutral, and most of all fun! My idea, I believe can best utilize & compliment the space provided.

I would like to use various elements of touch throughout the mural by using 3 dimensional objects and gel mediums. Starting at the bottom, we start with the sun- painted and textured. As your eyes continue to follow the mural, the planets would be Styrofoam spheres, cut in half, they would be painted and textured along with being varnished to make them last. The spheres would be size appropriate to show an accurate view of our solar system. I would like to add fun facts about each planet along with a rocket ship and astronaut at child height with a push/spin element. In the center of the mural, I would incorporate the elements of S.T.E.A.M. as well as examples of how they have been used in the exploration of space.

EXAMPLE -

Science- how we understand our world

Technology- how we explore other worlds

Engineering- how we reach the places we have never been

Art- How we imagine

Math- how we visualize the unknown

The top portion of the mural would be the "unknown"; I would like to play with the idea of other galaxies, black holes and such. I would also add splashes of fluorescent paints that would be black light responsive if you would like to include that element.

I thank you for taking the time to read my proposal. It would be an honor to have my work displayed at the Iowa City Rec Center as well as a wonderful opportunity.

Thank you, Megan Bishop



# Hi Marcia,

After speaking with you at the Eastside Artists show, I have been thinking about the Wall project in the Recreation Center. This summer I designed a mural of 40 figures walking and playing on the 3rd street skywalk in downtown Cedar Rapids. The mural is made of clear 1/4" poly carbon Lexan and has the strength to be bullet proof. A lighter weight acrylic could be slumped or curved for a 3 dimensional effect. It also comes in reflective mirror sheets. You may have seen my work in the lighter weight acrylic I used for the Book project. I was thinking of a cityscape at the top and then dropping into neighborhoods as you descend to the floor level.

I could cut slots into the Lexan and have small figures of doctors, nurses, scientist, artist's construction workers etc. moving about in the colorful neighborhood going to work all low enough for adults and children to move about.

Some of the figures could be like pull toys or flying about.

There could be a Lexan artist easel with erasable markers on the lower level.

The Lexan reflective mirror would be closer to the top downtown area and University building silhouettes and be curved for a fun reflection of visitors below, like a fun house.

A "feel" Lexan board to show what goes on in the Recreation Center for the sight impaired and others with sight.

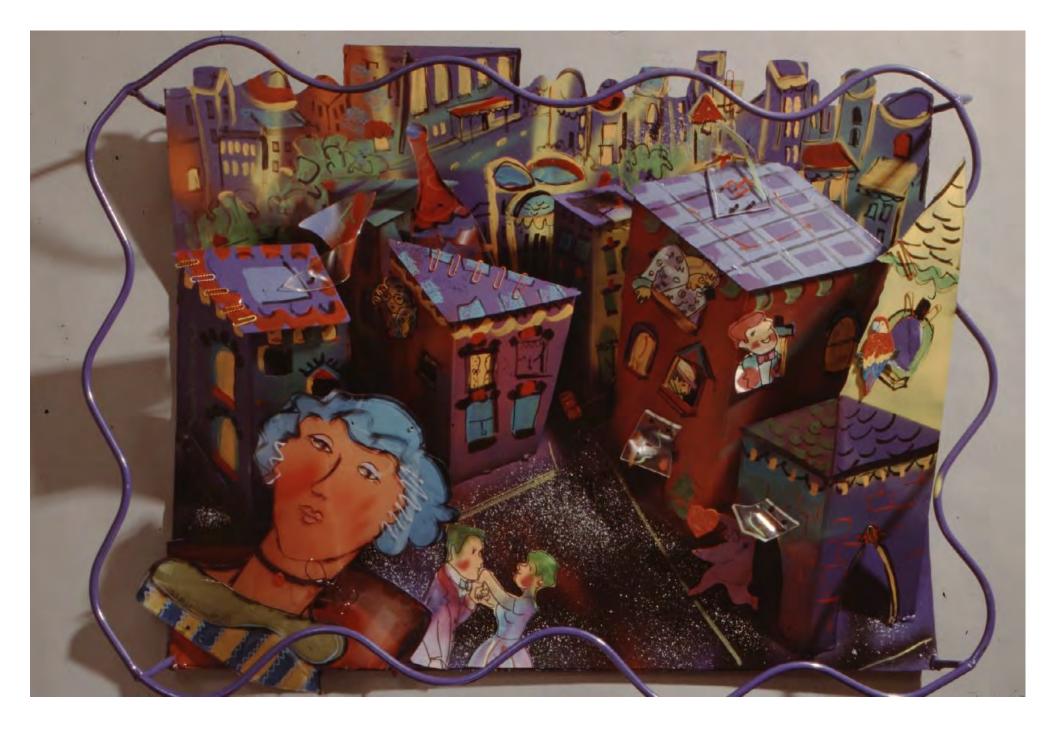
A couple of Lexan chairs could be out front, so the observer could contemplate the business of the townspeople and recognize the neighborhoods and what people are doing.

I think the overall weight would be 150lbs and could be bolted into the studs on the wall.

I do have some Lexan sheets I could use on this project. So as to stay in a \$1000 supply budget and \$500 for the City to install with my supervision. I will send a photo of smaller projects I have completed. I can make a small model out of plastic for the committee to review.

Thanks for your consideration,

Jo Myers-Walker Artist <u>http://www.theleftbankstudio.com</u> Iowa City Achieving Maximum Potential (AMP) Facilitator, Four Oaks





Dear Marcia Bollinger

Iowa City Public Art Program Coordinator,

My name is Kyle Rector, and I am an Assistant Professor of Computer Science at the University of Iowa. I, along with five other members, are submitting an application for creating a wall installation at the Robert A Lee Recreation Center.

Because our application materials are too large to attach via email, I have included a link to a zip file containing our materials. Inside the zip file is our statement of interest, along with folders representing each team member that contain the required information. Here is the link: <u>Application Materials</u>

Please let me know if you have any questions, and I look forward to hearing more about this opportunity!

Sincerely,

Kyle Rector

Assistant Professor, Computer Science

kyle-rector.com



"Sun & Wind: harnessing lowa's green energies"

"Sun & Wind: harnessing Iowa's green energies" mock-up

"Sun & Wind: harnessing Iowa's green energies" (working title) uses visual, sound, and tactile elements to provide visitors with an interactive experience that spotlights Iowa's Green Energy potential. Visitors activate light, sound, and wind in a graphically displayed Iowa landscape. Turning hand cranks and wheels visitors generate power and motion.

The project's primary visual is an engaging scene of a river meandering through the landscape with buildings, trees, grass and cornfields. The river is activated by rear-projected LED's onto semi-opaque acrylic panels with an LED-illuminated sky. Robust 3-D printed, laser-cut buildings and landmarks, along with vegetation made from antimicrobial materials – artificial turf, broom bristles, and other recycled materials (all with safe, smoothed edges) allow for a tactile exploration of the landscape. GIS data and photography on embedded durable LED (television) screens provide additional educational information and insight into the current and future possibilities of sustainable energy.

To engage viewer interaction, Ultrasonic Motion Sensors trigger small fans blow a gentle breeze. A brief, inviting verbal cue tells visitors to explore and "power" the work. A 24" wide wheel three feet off the ground, when spun, drives a large wind turbine mounted 10ft from the floor. Hand cranks power LED lights in the buildings and street lights, complemented by information on energy production. Other lights illuminate words and equations key to the science of light and energy - e.g.  $E=MC^2$ ,  $a^2 + b^2 = c^2$ . Parallel information in Braille, and other accommodations for people with a range of abilities (universal design) is integral to the design of the project.

Small DC generators are connected to the hand cranks. The artwork connects to a power outlet – an affordable and durable, low-wattage off-grid solar power generating system – located on the roof. Along with the hand-cranked devices, the system also generates power for an LED display of green or seasonal lights on the roof.

Led by Computer Scientist Kyle Rector, the ""Sun & Wind" is multidisciplinary team of faculty in the University of Iowa <u>Public Digital Arts Cluster</u> representing emerging technologies, sculpture, digital media in performance, dance, accessibility, computer science, mechanical and industrial engineering, and conceptual and community-based practice. The team also includes Dana Keeton, a photographer documenting local conservation properties for the <u>Bur Oak</u> Land Trust.

If green-lighted, the team looks forward to working closely with Center staff to ensure that all aspects of the project are sustainable and within the available budget. In consultation with Center Staff the team will also create a website that provides information on the project and on renewable energy resources in Iowa.

- Kyle Rector (primary contact): Assistant Professor of Computer Science at the University of Iowa. Her research interests are in Human-Computer Interaction and Accessibility, where I have interacted with people who are blind or low-vision and deaf or hard of hearing. Previously, she collaborated with researchers at Microsoft Research to develop an accessible art installation for diverse audiences including people who are blind or low-vision called <u>The Oregon Project</u>.
- 2. **Stephen Baek:** Assistant Professor, Mechanical and Industrial Engineering at the University of Iowa
- 3. **Daniel Fine:** Assistant professor of Digital Media in Performance with a co-appointment in Theatre Arts and Dance at the University of Iowa
- 4. **Dana Keeton:** Photographer specializing in creating images of natural environments with a background in documentary photography, gallery installations, and developing community art programs for youth.
- 5. **Daniel Miller:** Assistant Professor of Emerging Technologies and Sculpture in the School of Art & Art History at the University of Iowa
- Jon Winet: Director of the Public Digital Arts Faculty Cluster Initiative and Professor of Intermedia in the Media | Social Practice | Design Area of the School of Art & Art History. He also works with PIRT (Public Interactives Research Team) led by Anne Balsamo,

Dean of the School of Arts, Technology, and Emerging Communication at the University of Texas at Dallas.

# Kyle Rector – Biographical Sketch

# **Professional Preparation**

| Oregon State University  | Corvallis, Oregon   | Electrical & Computer Engineering | BS  | 2010 |
|--------------------------|---------------------|-----------------------------------|-----|------|
| Oregon State University  | Corvallis, Oregon   | Computer Science                  | BS  | 2010 |
| University of Washington | Seattle, Washington | Computer Science and Engineering  | MS  | 2012 |
| University of Washington | Seattle, Washington | Computer Science and Engineering  | PhD | 2016 |

# Appointments

Assistant Professor, University of Iowa, 8/2016 - present

## **Publications**

## (i) Closely Related Publications

- Rector, K., Lauder, A., Keeling, P., Cherones, A., Matsen III, F., Kientz, J.A. 2016. ShoulderCam: Evaluating the User Experience of a Depth Camera System to Measure Shoulder Range of Motion. Proceedings of the 10th EAI International Conference on Pervasive Computing Technologies for Healthcare. To appear in the ACM Digital Library, currently available at: <u>http://bit.ly/2efGmOw</u>
- Matsen III, F.A., Lauder, A., Rector, K., Keeling, P., Cherones, A.L. 2015. Measurement of active shoulder motion using the Kinect, a commercially available infrared position detection system. Journal of Shoulder and Elbow Surgery. <u>https://doi.org/10.1016/j.jse.2015.07.011</u>
- Rector, K., Milne, L., Ladner, R.E., Friedman, B. Kientz, J. A. 2015. Exploring the Opportunities and Challenges with Exercise Technologies for People who are Blind or Low-Vision. In Proceedings of the 17th International ACM SIGACCESS Conference on Computers & Accessibility. pp. 203-214. <u>https://doi.org/10.1145/2700648.2809846</u>
- Rector, K., Bennett, C.L., Kientz, J.A. 2013. Eyes-Free Yoga: An Exergame Using Depth Cameras for Blind & Low Vision Exercise. In Proceedings of the 15th International ACM SIGACCESS Conference on Computers and Accessibility. Article 12, 8 pages. <u>https://doi.org/10.1145/2513383.2513392</u>
- Azenkot, S., Rector, K., Ladner, R.E., Wobbrock, J. 2012. PassChords: Secure Multi-Touch Authentication for Blind People. In Proceedings of the 14th International ACM SIGACCESS Conference on Computers and Accessibility. pp. 159-166. Best Paper Award. <u>https://doi.org/10.1145/2384916.2384945</u>

# (ii) Other Significant Publications

- Sobel, K., Rector, K., Evans, S., Kientz, J.A. 2016. Incloodle: Evaluating an Interactive Application for Young Children with Mixed Abilities. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems. 12 pages. Best Paper Award Honorable Mention. <u>https://doi.org/10.1145/2858036.2858114</u>
- Bragg, D., Rector, K. Ladner, R.E. 2014. A User-Powered American Sign Language Dictionary. In Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing. pp. 1837-1848. <u>https://doi.org/10.1145/2675133.2675226</u>
- Hailpern, J., Asur, S., Rector, K. 2014. AttachMate: Highlight Extraction from Email Attachments. In Proceedings of the 27th annual ACM symposium on User interface software and technology. pp. 107-116. <u>https://doi.org/10.1145/2642918.2647419</u>

- Rector, K., Hailpern, J. 2014. MinEMail: SMS Alert System for Managing Critical Emails. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems. pp. 783-792.
   Best Paper Award Honorable Mention. <u>https://doi.org/10.1145/2556288.2557182</u>
- Kay, M., Rector, K., Consolvo, S., Greenstein, B., Wobbrock, J., Watson, N., Kientz, J.A. 2013. PVT-Touch: Adapting a Reaction Time Test for Touchscreen Devices. In 2013 7th International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth). pp. 248-251. <u>http://ieeexplore.ieee.org/document/6563934/</u>

# **Synergistic Activities**

- Saturday Computing Experience, University of Washington, 2011

   Created curriculum and taught nine Deaf high school students with Arduino programming
- Saturday Computing Experience at University of Washington, 2012

   Assisted eleven Deaf high school students with Scratch Programming
- Summer Computing Experience at University of Washington, 2012

   Tutored three Deaf college students in introductory Java class
- Saturday Computing Experience at University of Washington, 2013

   Assisted 15 Deaf high school students with Processing
- 5. Mentored a female high School student who conducted a 2-week internship to learn more about Computer Science. She completed a project (Eyes-Free Ballet) with the Microsoft Kinect to give feedback on First position in ballet

# **Collaborators & Other Affiliations**

# (i) Collaborators and Co-Editors

Sitaram Asur, HP Labs; Shiri Azenkot, Jacobs Technion-Cornell Institute, Cornell Tech; Rachel Bellamy, IBM Research; Cynthia L. Bennett, University of Washington; Christopher Bogart, Carnegie Mellon University; Danielle Bragg, University of Washington; Margaret Burnett, Oregon State University; Jill Cao, The MathWorks; Arien Cherones, University of Washington; Sunny Consolvo, Google; Susan Evans, University of Washington; Scott Fleming, University of Memphis; Batya Friedman, University of Washington; Ben Greenstein, Google; Valentina Grigoreanu, Microsoft; Joshua Hailpern, Niara; Matthew Kay, University of Michigan; Peyton Keeling, University of Florida; Julie A. Kientz, University of Washington; Irwin Kwan, The MathWorks; Richard E. Ladner, University of Washington; Alexander Lauder, University of Washington; Joseph Lawrence, Wentworth Institute of Technology; Frederick Matsen III, University of Washington; Lauren Milne, University of Washington; Kiley Sobel, University of Washington; Nathaniel F. Watson, University of Washington; Susan Wiedenbeck, Drexel University; Jacob O. Wobbrock, University of Washington

# (ii) Graduate Advisors and Postdoctoral Sponsors

Doctoral Advisors: Julie A. Kientz, University of Washington; Richard E. Ladner, University of Washington

Additional Doctoral Committee Members: Jennifer Mankoff, Carnegie Mellon University; Alan Borning, University of Washington; Kat M. Steele, University of Washington

# (iii) Thesis and Postgraduate-Scholar Sponsor - None

Name: Kyle Rector

Physical and mailing address:

228 Hawkeye Court Apt. 412 Iowa City, IA 52246

Telephone: 503-449-1736

Email: kyle-rector@uiowa.edu

# **Professional References:**

- 1. Julie Kientz, PhD Advisor, <u>ikientz@uw.edu</u>, 206-221-0614
- 2. Richard Ladner, PhD Advisor, ladner@cs.washington.edu, 206-543-9347
- Meredith Ringel Morris, Intern Mentor, <u>merrie@microsoft.com</u>, prefers email (as specified on <u>her website</u>)

# Images of Previous Works:

- <u>The Oregon Project</u>: In this work, I invented the idea of changing the audio interpretation of a painting based on a person's proximity from the painting, with a goal of benefitting patrons who are blind or low vision. I worked on this project with Neel Joshi and Meredith Ringel Morris at Microsoft Research. The installation that was developed by Keith Salmon, Dan Thornton, and Graham Bryon from this project was displayed on October 9th in Seattle, WA.
- Eyes-Free Yoga: In this work, I invented an exercise game for people who are blind or low vision to learn yoga. This system has no screen, and provides detailed verbal instructions and real-time personalized feedback for yoga postures based on a 3D camera (Microsoft Kinect). I collaborated on this project with Julie Kientz, Richard Ladner, and Cynthia Bennett.
- 3. Incloodle (see figure below): In this work, I collaborated on a project to explore how to encourage children who are neurodiverse and neurotypical to play with one another. This was project was led by Kiley Sobel, in a collaboration with myself, Susan Evans, and Julie Kientz. We presented a pair of children (one neurodiverse, one neurotypical) with a camera taking application, and gave them the tasks of taking fun pictures together. We learned that if the camera taking application required both of the children's faces to be visible, it encouraged cooperation if they were not cooperating otherwise.



# Stephen Baek

Assistant Professor 2130 Seamans Center, Iowa City, IA 52242 (319) 384-0810 stephen-baek@uiowa.edu | http://www.stephenbaek.com

#### (a) Professional Preparation

| Seoul National University | Seoul, Korea | Mechanical and Aerospace Engineering | B.S. (2009)   |
|---------------------------|--------------|--------------------------------------|---------------|
| Seoul National University | Seoul, Korea | Mechanical and Aerospace Engineering | Ph.D. (2013)  |
| Seoul National University | Seoul, Korea | Mechanical and Aerospace Engineering | Postdoc       |
|                           |              |                                      | (2013 - 2015) |

#### (b) Appointments

The University of Iowa, Department of Mechanical and Industrial Engineering, Assistant Professor, August 2015-present, full time, tenure-track.

#### (c) Products

(i) Closely related to the proposed project

- Harik, R., Shi, Y., Baek, S. (2016). Shape Terra: Mechanical Feature Recognition Based on a Persistent Heat Signature, *Computer-Aided Design and Applications*. doi:10.1080/16864360.2016.1223433.
- Akusok, A., Baek, S., Miche, Y., Bjork, K. -M., Nian, R., Lauren, P., Lendasse, A. (2016). ELMVIS+: Fast Nonlinear Visualization Technique based on Cosine Distance and Extreme Learning Machines, *Neurocomputing*, 205(1):247-263. doi:10.1016/j.neucom.2016.04.039.
- Baek, S., Lee, K. (2016). Statistical analysis of foot shape for mass-customization of footwear. *International Journal of Computer Aided Engineering and Technology*, 8(1/2):80-98. doi:10.1504/IJCAET.2016.073265.
- Baek, S., Lim, J., & Lee, K. (2015). Isometric Shape Interpolation. *Computers & Graphics*, 46(1), 257-263. doi:10.1016/j.cag.2014.09.025.
- Baek, S., & Lee, K. (2012). Parametric human body shape modeling framework for human-centered product design. *Computer-Aided Design*, 44(1), 56-67. doi:10.1016/j.cad.2010.12.006.

(ii) Other significant products

- Gritsenko, A., Akusok, A., Miche, Y., Bjork, K. -M., Baek, S., Lendasse, A. (2016). Combined Nonlinear Visualization and Classification: ELMVIS++C. *In Proceedings of 2016 International Joint Conference on Neural Networks* (IJCNN 2016), Vancouver, Canada.
- Park, J., Kim, T., Baek, S., Lee, K. (2015). An algorithm for Estimating Surface Normal from Its Boundary Curves. *Journal of Computational Design and Engineering*, 2(1):67-72. doi:10.1016/j.jcde.2014.11.007.
- Cho, S., Baek, D., Baek, S., Lee, K., Bang, H. (2014). 3D Volume Drawing on a Potter's Wheel. *IEEE Computer Graphics and Applications*, 34(3):50-58. doi:10.1109/MCG.2014.3.
- Song, J., Cho, S., Baek, S., Lee, K., Bang, H. (2014). GaFinC: Gaze and Finger Control Interface for 3D Model Manipulation in CAD Application. *Computer-Aided Design*, 46(1):239-245. doi:10.1016/j.cad.2013.08.039.
- Baek, S. Wang, J. H., Song, I., Lee, K., Lee, J., Koo, S. (2013). Automated Bone Landmarks Prediction on the Femur using Anatomical Deformation Technique. *Computer-Aided Design*, 45(2):505-510. doi:10.1016/j.cad.2012.10.033.

## (d) Synergistic Activities

- Reviewer of Scientific Journals Neurocomputing, The Visual Computer, Computer Methods and Programs in Biomedicine, IEEE Computer Graphics and Applications, IEEE Transactions on Biomedical Engineering, Transactions of the Society of CAD/CAM Engineers, Artificial Intelligence in Medicine, Computer Animation and Virtual Worlds, International Journal of Industrial Ergonomics, Computer-Aided Design.
- Reviewer, NASA National Space Grant College and Fellowship Program Iowa Space Grant Consortium Scholarship. August 2016-present.
- Development of HawkCAD programmable CAD software for graduate level computer-aided design education. Course No. IE:6232. The University of Iowa. August 2015-present.

## (e) Funding Support

#### (i) Current

| Sponsor       | Title                      | Role | Start<br>Date | End<br>Date | Total Cost | Hrs /<br>mo. |
|---------------|----------------------------|------|---------------|-------------|------------|--------------|
| U. of Iowa    | Start-up Fund              | PI   | 08/19/16      | 06/30/18    | \$110,000  |              |
| US Dept of    | Integrated Human Model for | Co-I | 06/01/16      | 01/03/17    | \$30,874   | 1.49         |
| Defense, Army | PPE Analysis and Design    |      |               |             |            |              |

## (ii) Pending

| Sponsor        | Title                         | Role  | Start<br>Date | End<br>Date | Total Cost  | Hrs /<br>mo. |
|----------------|-------------------------------|-------|---------------|-------------|-------------|--------------|
| National       | A Geometry-Aware Machine      | PI    | 01/01/17      | 12/31/19    | \$454,794   | 16.43        |
| Science        | Learning Approach for Quality |       |               |             |             |              |
| Foundation     | 3D Printing                   |       |               |             |             |              |
| Department of  | Developing Connected          | Co-PI | 07/01/17      | 06/30/19    | \$1,395,931 | 8.67         |
| Transportation | Simulation to Study           |       |               |             |             |              |
| _              | Interactions Between Drivers, |       |               |             |             |              |
|                | Pedestrians, and Bicyclists   |       |               |             |             |              |

1. Contact info: name, business name (if applicable), physical address, mailing address, telephone, and email

- a. Name: Stephen Baek
- b. Business Name: N/A
- c. Physical Address: 2130 Seamans Center for Engineering Arts and Sciences, Iowa City, IA 52242
- d. Mailing Address: Same as physical address
- e. Telephone: (319) 512-0315
- 2. 2pg CV

See attachment

- 3. 3 professional references: name, relationship, email address, phone number
  - a. Amaury Lendasse / Colleague / amaury-lendasse@uiowa.edu / (319) 335-5264
  - b. Karim Abdel-Malek / Center Director / <u>karim-abdel-malek@uiowa.edu</u> / (319) 335-5676
  - c. Alan McVey / Faculty Cluster Supervisor / <u>alan-macvey@uiowa.edu</u> / (319) 335-2700

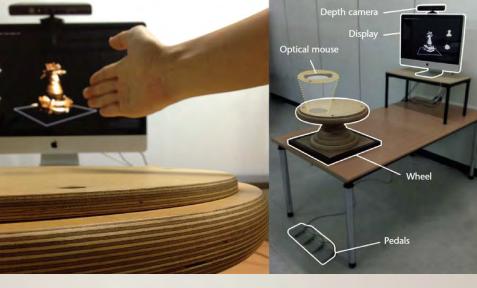
## 4. Any narrative text or biography that could state our qualifications

Stephen Baek is a researcher interested in applying his computational geometry and machine learning background to advance various multidisciplinary research areas including digital human modeling, human-centered product design, medical image processing, digital dentistry, 3D printing, and interactive media art. He has published a number of articles introducing novel multidisciplinary ideas based on computer-aided design and computational geometry theories, including one in the '*Most Cited Articles in Computer-Aided Design Journal*.'

He received both of his B.S. and Ph.D. degrees with the best thesis honor from the School of Mechanical and Aerospace Engineering at Seoul National University, Korea in 2009 and 2013, respectively. During his studies, he has received '*National Science and Engineering Scholarship*' and '*Global Ph.D. Fellowship*' from the Korean Ministry of Education. His postdoctoral research has been awarded '*Presidential Postdoc Fellowship*' from the President of Korea. Dr. Baek is currently an Assistant Professor in the Department of Mechanical and Industrial Engineering, the director of Innovative Design and Art Laboratory (IDEA lab), a faculty researcher in the Virtual Soldier Research (VSR) Program at the Center for Computer-Aided Design (CCAD), and a faculty member of the Public Digital Arts (PDA) Cluster at The University of Iowa.

5. Attach images of previous works to include in the application

See attachment





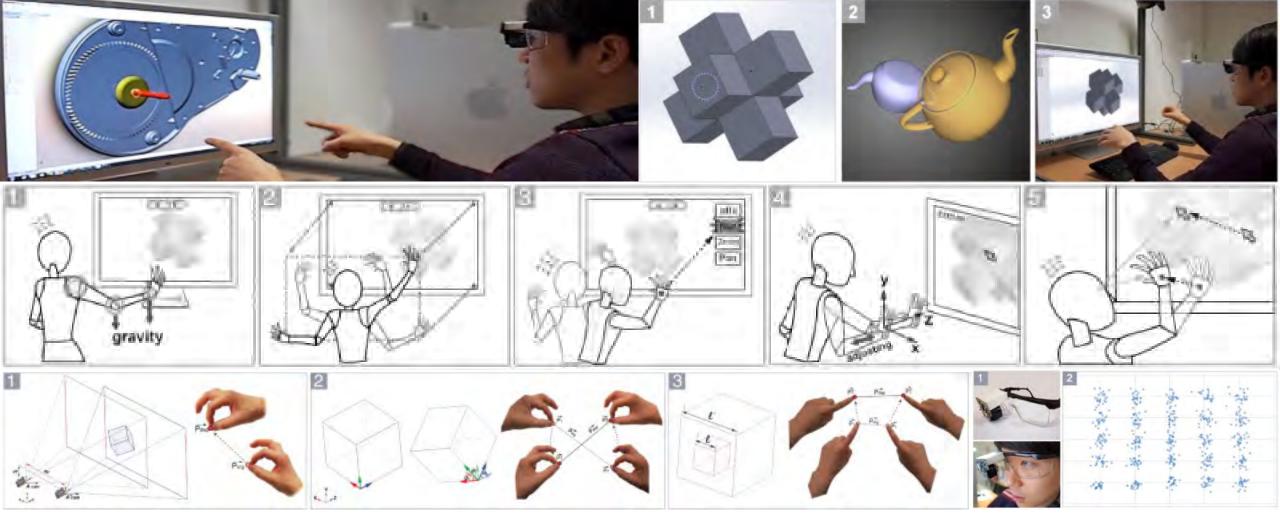




# TURN (2013) -3D Volume Drawing on a Potter's Wheel

Since antiquity, potters have been using a horizontal rotating wheel. The potter places a moist lump of clay on it and rotates it with a variable-speed controller. The potter then uses his or her hands or other tools to shape the clay. Potters can also use various tools with different tip shapes to trim or sculpt the clay. The potter's wheel became widespread not only because of potters' know-how and the simple shaping process but also because they can use it to materialize their ideas intuitively and straightforwardly. These aspects let them easily create complex, organic shapes.

Cho, S., Baek, D., Baek, S., Lee, K., & Bang, H. (2014). 3D volume drawing on a potter's wheel, *IEEE Computer Graphics and Applications*, 34::50-58.



GaFinC (2013) Gaze and Finger Control Interface for 3D Model Manipulation

> Song, J., Cho, S., Baek, S., Lee, K., & Bang, H. (2014). GaFinC: Gaze and Finger Control interface for 3D model manipulation in CAD application., *Computer-Aided Design*, 46(1)::239-245.

Natural and intuitive interfaces for CAD modeling such as hand gesture controls have received a lot of attention recently. However, in spite of its high intuitiveness and familiarity, their use for actual applications has been found to be less comfortable than a conventional mouse interface because of user physical fatigue over long periods of operation.

In this paper, we propose an improved gesture control interface for 3D modeling manipulation tasks that possesses conventional interface level usability with low user fatigue while maintaining a high level of intuitiveness. By analyzing problems associated with previous hand gesture controls in translation, rotation and zoom, we developed a multi-modal control interface GaFinC. GaFinC can track precise hand positions, recognizes several finger gestures, and utilizes an independent gaze pointing interface for setting the point of interest. To verify the performance of GaFinC, tests of manipulation accuracy and time are conducted and their results are compared with those of a conventional mouse. The comfort and intuitiveness level are also scored by means of user interviews. As a result, although the GaFinC interface posted insufficient performance in accuracy and times compared with a mouse, it shows applicable level performance. Also users found it to be more intuitive than a mouse interface while maintaining a usable level of comfort.

# **Daniel Fine**

Curriculum Vitae - Abridged

danielfine.net | wonderdome.co

1125-1/2 East Washington St., Iowa City, Iowa 52245 | (203) 927-4049 (c) | daniel-fine@uiowa.edu

#### SUMMARY

I am an artist, scholar, and technologist working in immersive, responsive, mediated environments for interactive users, audiences and live performance. My work combines traditional forms of storytelling with that of cutting-edge, interactive digital media technologies in order to engage the imaginations and hearts of a twenty-first century audience. As a fellow at Arizona State University's Center for Science and the Imagination I was recognized as a "creative disruptor driving path breaking research, teaching and outreach projects... exploding traditional disciplinary boundaries and bringing new audiences into the conversation about building a better future." In 2015, I was one of "five visual visionaries" featured in Live Design International magazine's article on *What's Trending in Content Creation*.

### EDUCATION

MFA Interdisciplinary Digital Media and Performance, Arizona State University. 2014. School of Film, Dance and Theatre || Arts, Media, and Engineering

BFA Theater Directing, Carnegie Mellow University. 1995. School of Drama

#### CURRENT ACADEMIC APPOINTMENT

Assistant Professor of Digital Media in Performance, University of Iowa. 2016 – current. Theatre Arts | Dance | Public Digital Arts Cluster

## SELECT PUBLICATIONS

Alex Oliszewski and Daniel Fine. "Digital Media: Projection Design and Technology for Theatrical Performance" to be published by Focal Press, an imprint of Routledge. 2017.

Blog series on Howlround.com offering a multi-disciplinary approach for collaboration in the creative and production process of incorporating digital media into live performance. 2015 - current.

Book review of "Media Servers for Lighting Programmers: A Comprehensive Guide to Working with Digital Lighting" by Vickie Claiborne. The Journal of the United States Institute for Theatre Technology, Theatre Design and Technology. January 2016.

#### SELECT CREATIVE WORK

Lead Media Designer

*BENEATH*, Lance Gharavi, dir. Marston Theatre 2016 Lead media artist for stereoscopic 3D video content with live performance. A joint collaboration between the School of Film, Dance, & Theatre and the School of Earth & Space Exploration, bringing together scientists, engineers, historians, and artists to produce original events.

#### Projection Designer, System Design

*Everybody's Talkin'*, Javier Velasco, dir. San Diego Rep 2015 A world premiere of the new musical event by Steve Gunderson, starring Tony Award winners Gregory Jbara and Alice Ripley.

#### Projection Designer, System Design The Count of Monte Cristo, Tim Threlfall, dir. **Brigham Young University** 2015 A United States premiere of the new opera by Frank Wildhorn and Jack Murphy. Design projections and system using Green Hippo media server and four projectors onto eight mapped surfaces. Supervise a department of five and mentor student assistants. Co-Media Designer, System Design 2014 Terra Tractus, Tom Burnett, dir. Projects for a New Millennium Co-design content and systems for a multi-media spectacle in a working quarry. Worked with miniature models, real-time digital art, stop motion animations, to create a layered and playful world that visually enhanced the story of the geological history of the Earth and the Story Creek Quarry. Co-Media Designer, System Design Mantarrava Proyecta Festival, Puebla Mexico 2014 Co-Design content and systems for a reactive, generative live performance with architectural projection mapping in an expansive and rippling landscape in Puebla, Mexico as part of the Provecta projection festival. Visuals responded in real-time to audio from six live musicians.

#### Founder, Producer, Director, System Design, Content Creation

 Wonder Dome
 SPARK! Festival of Creativity
 2014

 A cross-university research project between Arizona State University and The Ohio State University to create a touring performance platform that invites audiences into an interactive, 360-degree immersive dome where narrative can be encountered, explored and told by mixing ancient forms of live performance with cinema, gaming, HCI and cutting edge digital technology.

## SELECT PROFESSIONAL WORK EXPERIENCE

| Installation Manager       | Yale University School of Architecture Gallery | 2002 – 2011 |
|----------------------------|--|-------------|
| Production Manager         | Firehouse 12 Concert Hall and Recording Studio | 2004 – 2011 |
| Filmmaker                  | Bagel Fish Productions                         | 1999 – 2009 |
| Founder, Artistic Director | Sandalwood Ensemble                            | 1991 – 1995 |

## SELECT GRANTS & FUNDING

| \$60,000.00  | Research start-up package, University of Iowa. 2016-2019.   |
|--------------|---|
| \$150,000.00 | Student Technology Fees for start-up student equipment, University of Iowa. 2016-2019.  |
| \$35,000.00  | Provost funding for video equipment, editing lab, green screen studio. Communication Arts Department, Benedictine University at Mesa. 2015.                           |
| \$2,500.00   | Arts Incubator Grant, The Pave Program in Arts Entrepreneurship, Herberger Institute of Design and the Arts, Arizona State University Arizona State University. 2014. |
| \$44,000.00  | Private investors/misc. grant funding for Wonder Dome, Arizona State University. 2014.  |
| \$250,000.00 | In-kind donations for Wonder Dome, Arizona State University. 2014.  |
| \$75,000.00  | Private investors for the development of Bagel King, a feature film. 2007.  |
| \$125,000.00 | Private investors for G-Spots?, an award-winning short film. 2001.  |

## SELECT HONORS, AWARDS AND FELLOWSHIPS

AriZoni Theatre Awards of Excellence. Artistic Specialization in Media Design for *Alice in Wonderland*. 2016.
Fellow at the Center for Science and the Imagination, Arizona State University. 2013 – present.
Teaching Assistantship (full tuition waiver and stipend), Arizona State University. 2011 – 2014.
Leadership Fellow, School of Film, Dance and Theatre, Arizona State University. 2013 – 2014.
Best Regional Film, *G-Spots?*, The Providence International Film Festival. 2001.

Info: Daniel Fine 1125 1/2 E. Washington St Iowa City, IA 52245 203-927-4049 daniel-fine@uiowa.edu www.danielfine.net

#### **References:**

Alan MacVey Chair of Theatre Arts Director of The Division of Performing Arts The University of Iowa 319.335.2700 <u>alan-macvey@uiowa.edu</u>

Donald Marinelli, PhD Associate Director, Entertainment Technology Management, Columbia University in the City of New York Professor of Drama & Arts Management (Retired) Co-Founder, Entertainment Technology Center, Carnegie Mellon University Visiting Professor in Arts, Media & Engineering, Arizona State University 412.260.0108 marinelli.don@gmail.com

Jacob Pinholster Director, School of Film, Dance & Theatre Associate Professor, Performance Design Freelance Projection Designer 480.965.9547 jacob.pinholster@asu.edu

#### Link to photos:

https://www.dropbox.com/sh/z156rgz8ci34wkp/AAA0k1BSdPQ3DaObW8gSSIQea?dl=0 All photos by Matthew Ragan.

Link to the project description for the photos: http://danielfine.net/sparrowsong.html

Here's another public art project: Link to photos: <u>https://www.dropbox.com/sh/af0ojrkjwbc6hjh/AAAWbDKY8G9PMfrr8qW50Ynaa?dl=0</u> All photos by Daniel Fine

Link to the project description: http://danielfine.net/memory-room.html

# Dana Keeton

1125 ½ E. Washington Street, Iowa City, Iowa 52245 Danakeeton72@gmail.com

# EDUCATION

Master of Science in Art Therapy/Counseling, May 2009 Specialization in Photography/Phototherapy College of New Rochelle, New Rochelle, NY

Bachelor of Fine Arts, Photography, December 1991 University of Connecticut, Storrs, CT

# SELECT EXPERIENCE

# Volunteer Photographer, August 2016 - Present

Bur Oak Land Trust, Iowa City, IA

Create photographs of the land trust's eight properties for use in the organization's outreach efforts to raise awareness of the properties, and communicate their conservation mission.

# Exhibition Coordinator, March 2002 – July 2011

Yale University School of Architecture Gallery, New Haven, CT

Managed and coordinated the planning and execution of professional art installations. Collaborated with professors, students and internationally recognized artists, curators and architects.

# Visiting Artist, March 2010 – July 2011

Yale-New Haven Children's Hospital, Arts & Enrichment Program, New Haven, CT Specialized in using digital photography and various art mediums to provide youth with an opportunity for self-expression. Organized and mounted exhibit of patient artwork.

# Creative Arts/ Photography Instructor, August 2002 - Aug 2007

Centro San Jose, New Haven, CT

Independently developed creative arts programs for urban youth utilizing photography, writing, and bookmaking to foster positive self-expression. Led youth in the documentation of community cleanups and the creation of presentation materials for community agencies.

## Photographer, September 1999 – August 2005

*Proud to be Me, An Essay of Photographs and Poetry*, Kushite Multimedia: Bridgeport, CT, 2005 Received grants to create a series of documentary photographs depicting the city's children and their neighborhoods. Produced images and text for a traveling exhibit.

## Photographer, May 2003

Shore Area Community Development Corporation, Families in Transition, Bridgeport, CT Created photographs depicting homeless families for the organization's fundraising campaign.

# Photographer, October 2002 - March 2003

Greater Bridgeport Symphony Orchestra/Bridgeport Public Schools

Collaborated with the symphony's Composer-in-Residence to create a photographic presentation accompanying a student choral performance of songs written by the students and composer.

# Photo Editor/Photographer, June 2000 – July 2001

Maitland Publishing, Naugatuck, CT

Responsible for overseeing all aspects of bi-weekly newspaper's photography department.

## Staff Photographer/Acting Photo Editor, January 1995 – June 2000

Hometown Publications, Shelton, CT

Created front-page photographs for 10 weekly newspapers, and covered a wide range of assignments. As Acting Photo Editor, selected images for publication, oversaw the editorial department's photographic needs, and processed all black and white photographs.

# Photography Department Head/Photography Instructor, September 1995 - June 1999

Cooperative Arts & Humanities Magnet High School, New Haven, CT

Photography Department Head

Managed the school's photography program. Taught students all phases of black and white photography, facilitated exhibits of student art work, and collaborated with fellow arts teachers on arts curriculum. Facilitated field trips to various local and regional museums and art institutions.

## Photographer/Owner, 1995 - 2005

Dana Keeton Photography, New Haven, CT

Independently owned photography business specializing in portraits and documenting events.

# SOLO EXHIBITS

Proud to be Me, Discovery Museum, Bridgeport, CT July - October 2004 Proud to be Me, State Legislative Office Building, Hartford, CT September 2002 Sensing the Moment, Real Art Ways, Hartford, CT March 2002 Sensing the Moment, City Hall Annex Building, Bridgeport, CT November 2001 California, Harborview Market, Bridgeport, CT June 1998

### **GROUP EXHIBITS**

Graduate Student Spring Exhibit. The College of New Rochelle, May 2009 Stress, Struggle & Change - Juried Exhibit, The College of New Rochelle, September 2006 Graduate Student Spring Exhibit, The College of New Rochelle, April 2006 Graduate Student Fall Exhibit, The College of New Rochelle, December 2005 Urban Escape, City Lights Gallery, Bridgeport, CT July 2005 Arts Council of Greater New Haven Members Show, New Haven, CT December 2003 Valley Arts Council Members Exhibit, Adzima Carriage House, Ansonia, CT October 2003 Photos on the Edge, International Festival of Arts and Ideas, New Haven, CT June 2003 Photo Arts Collective Members Show, Hamden, CT December 2002 New Haven Worx, New Haven, CT November 2002 Women's Art Show - Juried Exhibit, New Haven, CT March 2002 Community Colors, Burroughs Community Center, Bridgeport, CT April 2000 ART'oberFEST '98, Burroughs Community Center, Bridgeport, CT October 1998 First Place Award: Black and White Photo Category

# AWARDS

New England Press Association (NEPA) 2000 Better Newspaper Contest Honorable Mention: Color Photograph Category

Add Inc.'s 2000 Editorial Awards

First, Second and Third Place: Best Color Photo

First and Second Place: Best Color Photo with Story

New England Press Association (NEPA) 1999 Better Newspaper Contest Honorable Mention: General News Category

Add Inc.'s 1998 Editorial Awards

First Place: Best Black & White Photo: Second Place: Best Color Photo:

First and Second Place: Best Feature Story Photo

ART'oberFEST '98 Burroughs Community Center First Place: Black & White Photo

#### GRANTS

Greater Bridgeport Area Foundation, 2000 Fred and Mabel Carstensen Memorial Fund, 1999

## PUBLICATIONS

Proud to be Me, An Essay of Photographs and Poetry Kushite Multimedia: Bridgeport, CT, 2005

# Dana Keeton, Photographer

Danakeeton72@gmail.com 203-927-4050 1125 <sup>1</sup>/<sub>2</sub> E. Washington Street Iowa City, Iowa 52245

## Website

Danakeeton.com

# Bio

Dana Keeton is a photographer who specializes in images of natural environments. She has a background in documentary photography, gallery installations, and developing community art programs for youth. Rooted in the documentary tradition, Dana's interests have evolved over the years from photographing people, events, and man-made spaces to a focused concentration on the dynamic natural world. Dana's work as a photojournalist, freelance photographer and photography instructor revealed a passion for using photography and other creative processes as a vehicle to help others, and address social justice and environmental issues. She currently practices as a clinical art therapist in addition to her work as a photographer.

# References

Carla Stockton, MFA Collaborator <u>Carla.stockton@gmail.com</u> 646-339-6960

Erika Hughes, PhD Collaborator Erika.hughes@asu.edu 480-819-2042

Susan Spears Bur Oak Land Trust Contact at Bur Oak Land Trust 319-338-7030 susan@buroaklandtrust

# **Photographs**

*Untitled 1* Turkey Creek Nature Preserve Iowa City, Iowa September 16, 2016 Digital Photograph,12x18" Photographed for Bur Oak Land Trust

Untitled 2 Belgum Grove Iowa City, Iowa October 4, 2016 Digital Photograph,12x18" Photographed for Bur Oak Land Trust

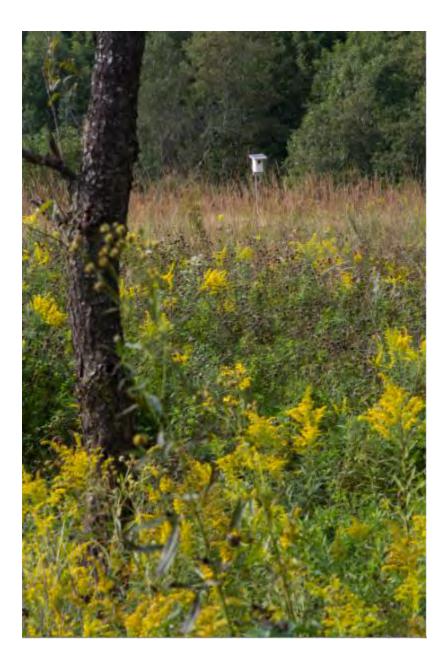
Untitled 3 Belgum Grove Iowa City, Iowa October 4, 2016 Digital Photograph,18x12" Photographed for Bur Oak Land Trust

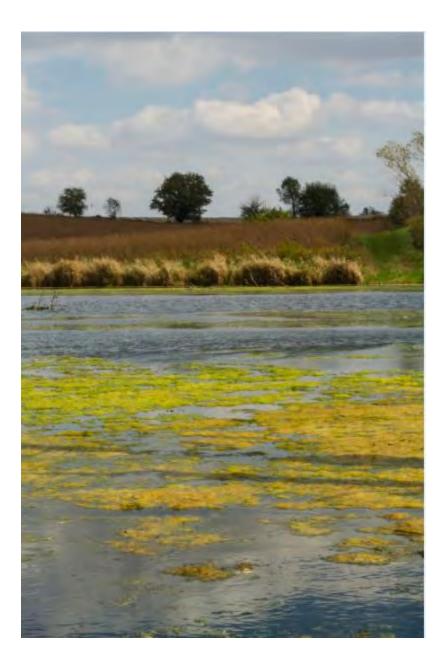
Untitled 4 Belgum Grove Iowa City, Iowa October 4, 2016 Digital Photograph,18x12" Photographed for Bur Oak Land Trust

Untitled 5 Turkey Creek Nature Preserve Iowa City, Iowa November 6, 2016 Digital Photograph,18x12" Photographed for Bur Oak Land Trust

Untitled 6 Turkey Creek Nature Preserve Iowa City, Iowa September 13, 2016 Digital Photograph,18x12" Photographed for Bur Oak Land Trust

Untitled 7 Turkey Creek Nature Preserve Iowa City, Iowa November 6, 2016 Digital Photograph 18x12" Photographed for Bur Oak Land Trust















# **Daniel Miller - Curriculum Vitae**

Assistant Professor of Emerging Technologies in Sculpture Dimensional Practice/Sculpture The School of Art & Art History Public Digital Arts Cluster Faculty

University of Iowa, Visual Arts Building, 107 River Street, Office: E216, Iowa City, Iowa 52242 Phone: 312-203-7061, Email: daniel-w-miller@uiowa.edu, Url: http://www.danmillerart.com

#### Education:

- 1997 The School of The Art Institute of Chicago, Illinois Master of Fine Art Degree in Time Arts
- 1994 Hope College, Holland, Michigan Bachelor of Arts Degree in Sculpture
- 1993 New York Arts Program, G.L.C.A., New York, NY. Apprenticeship.

#### Exhibition Record:

- 2016 *ISEA 2016 Hong Kong, Cultural R>evolution*, The International Symposium on Electronic Art, exhibiting "Ouroboros" robotic sculpture, School of Creative Media, City University of Hong Kong, juried exhibition, China.
- 2016 iDEAS exhibition, International Digital Media Arts Association 2016 Conference, Winona State University, juried exhibition, Winona MN.
- 2016 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.
- 2016 Body & Machine 2016: Kinetic and Interactive Art, exhibiting "Bat-Bots", juried exhibition, Minneapolis, MN.
- 2016 Concinnity, exhibiting "Victuals", invited, The University of Iowa Hospital, Iowa City, IA.
- 2016 Synthetic Zero, exhibited Bat-Bots, juried exhibition, Bronx Art Space, Bronx, NY.
- 2015 Figge Museum, University of Iowa Biennial Faculty Exhibition, Davenport, IA.
- 2015 Sling Shot Int. Festival of Music, Electronic Art & Tech, exhibited: "Bat Bots", Athens GA.
- 2014 SpotLight, Elmhurst Art Museum, Elmhurst, IL.
- 2013 OBJECTIVE/SUBJECTIVE: Mapping as Visual Language, NIU Art Museum, DeKalb, IL. LEVEL 2013, Installations along Chicago Riverwalk. Lightsense, Zhou B Art Center, Chicago, IL.
- 2012 ISEA 2012, Machine Wilderness, Exhibited: Chiroptera Domus at The Albuquerque Museum of Art & History, Albuquerque, NM.
- 2012, Conflux, Pearl Conard Gallery, Ohio State University at Mansfield, OH.
- 2010 Altered Landscapes, solo exhibition, Moraine Valley Community College, Palos Hills, IL.
- 2008 Tweak Interactive Art & Live Electronic Music Festival, installed Site A in City Hall, Limerick, Ireland. International Festival of Electronic Art 404, in Europe:
  - Trieste Italy, installed Site A at Molo 4 cruise ship passenger terminal.
    - Basel Switzerland, installation of Site A in custom geodesic dome.
- 2002 The Rockford Midwestern Exhibition, Juried Competition, Rockford, IL.
- 2000 Interchange, Solo exhibition of current work; partially funded by CAAP Grant; Gallery One, Elgin Community College, Elgin IL.
- 1997 ISEA 1997, exhibited: Light Structures, Chicago, IL.

#### Lectures:

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.
- 2000 Lectures & workshops, California State University at Long Beach, California. Elgin Community College, artist lecture, Elgin, Illinois. Betty Rymer Gallery, artist lecture, Chicago, Illinois.
- 1998 N.N.E. at Soap Factory, artist lecture Minneapolis, MN.

## Published Reviews of Scholarship:

- 2016 ASEF Culture 360, "ISEA Cultural R>evolution", review by Huge 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/.
- 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, By Stephen Wilson, MIT Press, Cambridge, MA, page. 744.
- 2000 LÉONARDO, Journal of the International Society for the Arts, Sciences & Technology "in::FORMATION, The Aesthetic Use of Machine Beings". Leonardo Gallery, Volume 33, Number, 4 2000

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

#### Honors and Awards:

- 2016 iDEAS exhibition award for "Most Innovative", International Digital Media Arts Association (iDMAa), iDMAa conference, Winona University, MN.
- 2016 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.

## Grants and Fellowships:

- 2015-2016 Old Gold Summer Fellowship, University of Iowa, College of Liberal Arts and Sciences amount: \$6000.,PI.
- 2012 Faculty Enrichment Grant, The School of The Art Institute of Chicago.
- 2008 Faculty Enrichment Grant, The School of The Art Institute of Chicago.
- 1999 *C.A.A.P Grant* awarded for Colony an electronic sculpture Chicago, Illinois.
- 1997-95 Graduate Grants and Teaching Assistantships S.A.I.C., Chicago, Illinois

#### 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.

## **Professional Organizations:**

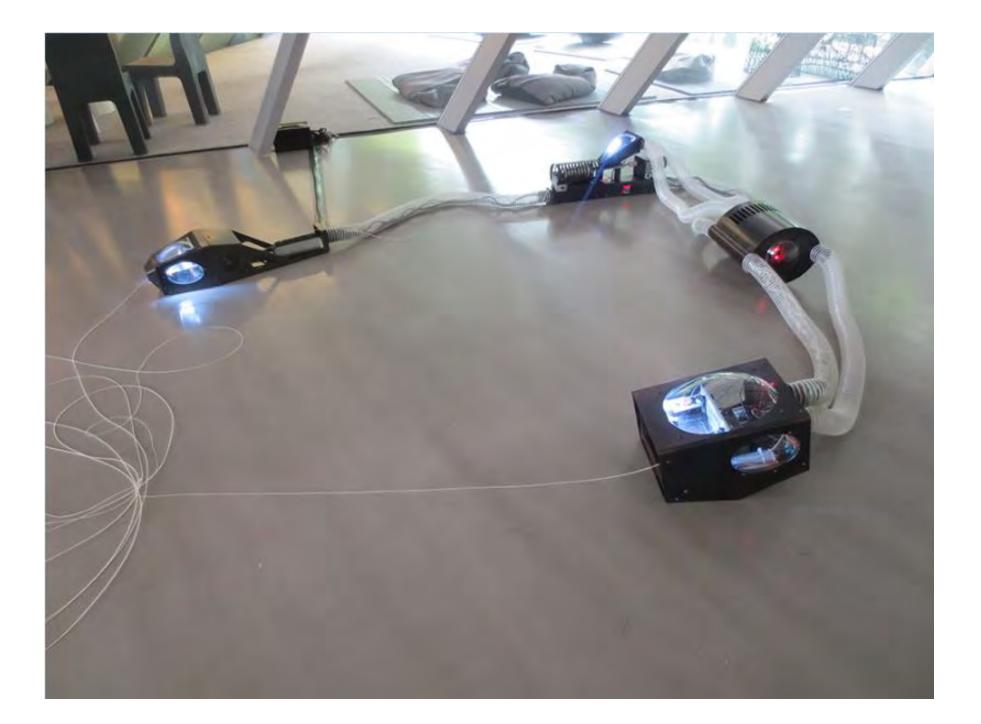
2005-1998 Sine::apsis Experiments, founding member; a not-for-profit organization with 501 (c) 3 status, dedicated to the exhibition, curating and research of electronic sculpture. Chicago, IL.

# **Daniel Miller – References**

Steve McGuire Professor and Area Head; Coordinator, Studio Division The School of Art & Art History University of Iowa Visual Arts Building 107 River Street Office: E305, Iowa City, Iowa 52242 Phone: 319-335-3011

Tiffany Holmes PhD Professor, Department of Art and Technology Studies The School of the Art Institute of Chicago 37 S. Wabash Avenue Suite 818 Chicago IL 60603 Phone: 312.629.1671 tholme (at) saic (dot) edu http://www.tiffanyholmes.com

Ben Chang Associate Professor, Department of the Arts Co-Director, Games and Simulation Arts and Sciences Rensselaer Polytechnic Institute 110 8th Street, Troy, NY 12180 changb3@rpi.edu www.bcchang.com (518) 276-2366



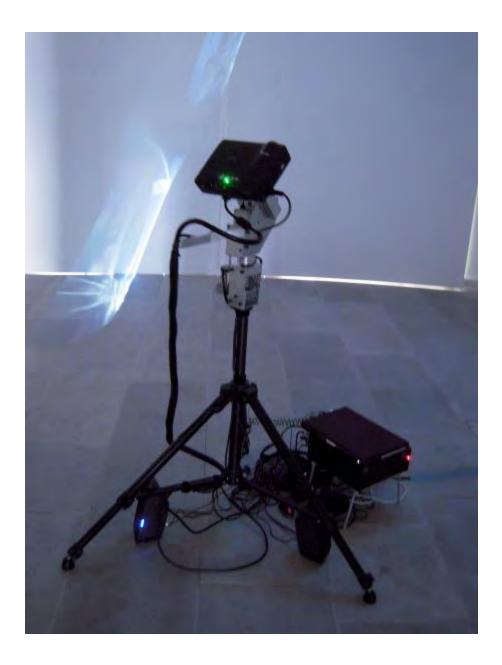


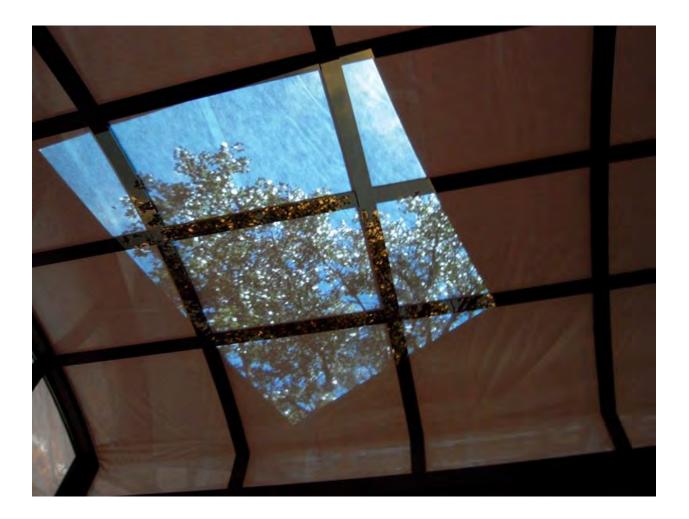












**Jon Winet** is an artist, media producer and professor in the University of Iowa School of Art & Art History Media | Social Practice | Design Area Intermedia Program. He directs the Passport Project Student Success Initiative and the Public Digital Arts Faculty Cluster.

He is currently "AIDS Quilt Touch," the digital expression of the 1.4 million square feet AIDS Memorial Quilt; and on "Our Las Vegas," a cultural animation project in Las Vegas.

He recently completed directing "Power 2016," a collaborative new media journalism project focusing on the 2016 U.S. Presidential elections,

His collaborative media projects, installations and exhibitions have been presented at the 2012 Smithsonian Folklife Festival, and American University Museum of Art (Washington, D.C.); Museum of Contemporary Craft (Portland, OR); Detroit Art Market; 2014 Life Is Beautiful Music Festival (Las Vegas, NV); Walker Art Center and Intermedia Arts (Minneapolis, MN); San Jose Museum of Art; La Mama Gallery and White Columns, (New York, New York); San Francisco Art Institute, SF Camerawork, Friends of Photography and Gallery Paule Anglim, San Francisco; and ISIS Arts, Newcastle Upon Tyne, England. His work has been included in numerous publications including Aperture's online project Exposures; The Public (Buffalo, NY); The Brooklyn Rail; and Little Village (Iowa City, IA).

He has been actively involved in artists' organizations for three decades and currently serves on the advisory boards of Southern Exposure (San Francisco); Transformer Gallery (Washington, D.C.); and the Contemporary Art Center (Las Vegas). He also holds a fellowship at Provisions Library in Washington, D.C.

Rev. December 20, 2016 | 12:30 CST

## PROFESSIONAL AND ACADEMIC POSITIONS

**Director,** 2013-present, The University of Iowa Public Digital Arts Faculty Cluster (campus-wide initiative of the Office of the Provost)

Professor, 2014-present, Media, Social Practice, & Design (Intermedia), School of Art & Art History, the University of Iowa

Professor, Public Policy Center 2015-Present

Affiliated Faculty, 2013-present Interdisciplinary Graduate Program in Informatics, the University of Iowa. **Professor**, International Programs, 2005-present, the University of Iowa.

# HONORS, AWARDS, FELLOWSHIPS, RESIDENCIES & COMMISSIONS

**2015 Residency,** The Luminary, St. Louis, Missouri. "FLOAT 2015: Tactical Walking Camp (An Imperative to Map)" Residency.

**2013 Residency,** Craft Advanced Research Projects Agency, "Camp Carpa," Twentynine Palms, California. In collaboration with Katie Grace McGowan.

**2011-2014 Public Art Commission,** City of Las Vegas Arts Commission, Las Vegas, Nevada. Development and Implementation of "Our Las Vegas," hybrid online and onsite community development project. Role: Director | Lead Researcher| Producer.

**2011-12 Fellowship**, University of Denver 2011-2012 Institute for the Digital Humanities, for "The University of Iowa UNESCO City of Literature Mobile Application Development Team."

**2011 Commission**, UNESCO City of Literature Organization, Iowa, City. Design and implementation of experimental Twitter-based literary work, "Novel Iowa City," for the Iowa City Book Festival.

2009-present Fellowship, Provisions Library, Washington, D.C. Role: Online Communications Research Fellow

## SCHOLARSHIP & RESEARCH

## **EXHIBITIONS & MEDIA WORKS**

- 2016 Hallwalls Contemporary Art Center with *The Public*, Buffalo, New York; and *The Brooklyn Rail*, New York. "Power" a multi-media creative non-fiction project on the 2016 U.S. Presidential Elections. Project Role: Director.
  La Mama Gallery, New York, New York. "Everyday Life." Curated by Jean Carlomusto, Alexandra Juhasz and Hugh Ryan. Collaboration with Anne Balsamo and Dale MacDonald. Museum of Contemporary Craft, Portland, Oregon. "CARPA: Craft Advanced Research Projects Agency." Curated by: Sara Clugage, Carole Lung and Otto Von Busch. Collaboration with artist-writer Katie Grace McGowan.
  2014 VAST Projects | Life is Beautiful Festival, Las Vegas, Nevada. "Is Life Beautiful?" Online multi-media fiction project with on-site installation collaboration with photographer Ginger Bruner and writer Lissa Townsend Rodgers, Las Vegas, Nevada. Curator: Shannon McMackin.
- 2012 City of Las Vegas Arts Commission online cultural animation | mobile web app. City of Las Vegas Arts Commission, Las Vegas, Nevada. Launched May 2012. Role; Director and Lead Artist.
- 2012 Smithsonian Folklife Festival AIDS Quilt Touch mobile web app, element of AIDS Quilt Digital Experience for the festival and XIX International AIDS Conference In collaboration with Anne Balsamo | Dale MacDonald, USC, Los Angeles, CA and NAMES Project, Atlanta, Georgia. Role: University of Iowa Mobile Web App Development Team Director. ISIS Arts, Newcastle Upon Tyne, England, "Tyneside Novel," Twitter-based experimental fiction literary

work. Role: Co-director, Lead Artist and Writer.
 2011 Iowa City Book Festival, "Novel Iowa City," Collaborative experimental literary work commissioned by the Iowa City UNESCO City of Literature Organization. Role: Director and Lead Artist.

2010 City of Iowa City UNESCO City of Literature Organization. The Virtual Writing University and Virtual Writing University Experimental Wing "City of Lit," app for Apple mobile devices. Role: Concept Design, Lead Artist and Director of The University of Iowa UNESCO City of Literature Mobile Application Development Team.

## PUBLICATIONS

Likarish, Peter and Jon Winet. "Exquisite Corpse 2.0: Qualitative Analysis of a Community-based Fiction Project." *DIS '12 Proceedings of the Designing Interactive Systems Conference* (2012): 564-67. http://dl.acm.org/citation.cfm?id=2318040&dl=ACM&coll=DL&CFID=241985122&CFTOKEN=65256525

Draxler, Bridget, Haowei Hsieh, Nicole Dudley, and Jon Winet. "'City of Lit': Collaborative Research in Literature and New Media." *The Journal of Interactive Technology and Pedagogy* 1 (2012). http://jitp.commons.gc.cuny.edu/2012/city-of-lit-collaborative-research-in-literature-and-new-media/

McGowan, Katie Grace and Jon Winet. "F is for Fake, the GOP, and The Facts as I Feel Them." *Critical Contemporary Culture* 2 (2012).

http://www.criticalcontemporaryculture.org/artwork-katie-mcgowan-f-is-for-fake-the-gop-and-the-facts-as-i-feel-them/

Winet, Jon and Joseph DeLappe. "In Conversation Fall 2003 & 2012: An Interview with Joseph DeLappe." *Videogames and Art* (Second Edition). Ed. Andy Clarke and Grethe Mitchell. Chicago: University of Chicago Press, 2014 and Bristol, England: Intellect Books, 2014.

# **REVIEWS | ARTICLES | TIME-BASED MEDIA**

Associated Colleges of the Midwest – News & Events Stories "At Midpoint of the Newberry Seminar, Independent Projects Take Center Stage" <u>http://www.acm.edu/features/feature/543</u> Oct. 27, 2014.

"Our Las Vegas." Interview by Dave Becker. *State of the Nation*. KNPR National Public Radio affiliate, Las Vegas, Nevada, 28 Jan. 2013.

http://www.knpr.org/son/archive/detail2.cfm?SegmentID=9657&ProgramID=2698

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# **INVITED CONFERENCES | REFEREED LECTURES | PAPERS**

#### INTERNATIONAL

#### 2016

**Bergamo, Italy** 2016 xCoAx: 4th Conference on Computation, Communication, Aesthetics & X Paper: "AIDS Quilt Touch: The Design of an Interactive Digital Memorial." Authors Anne Balsamo, Dale MacDonald and Jon Winet

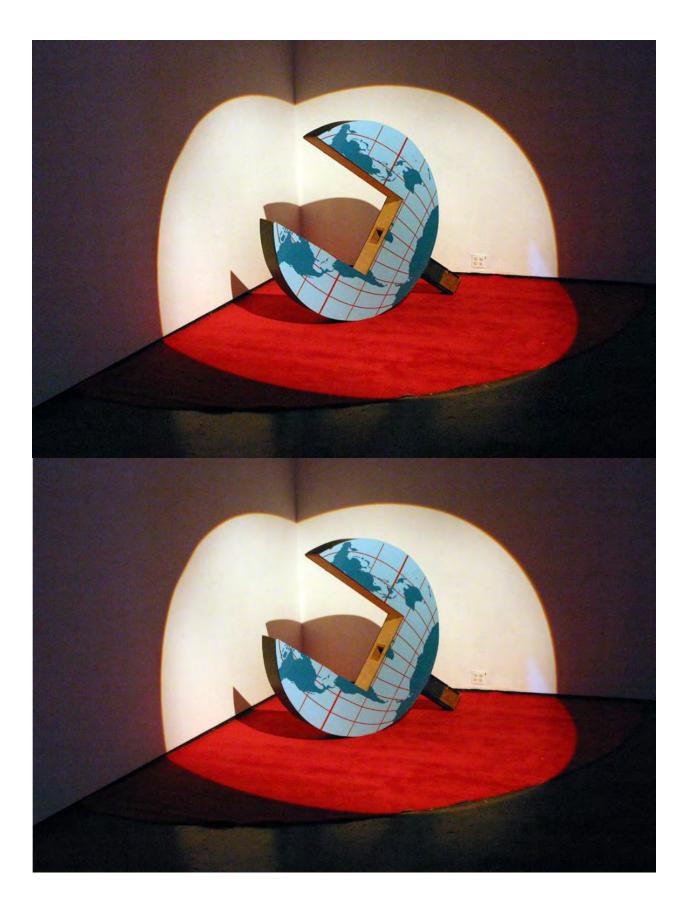
#### NATIONAL

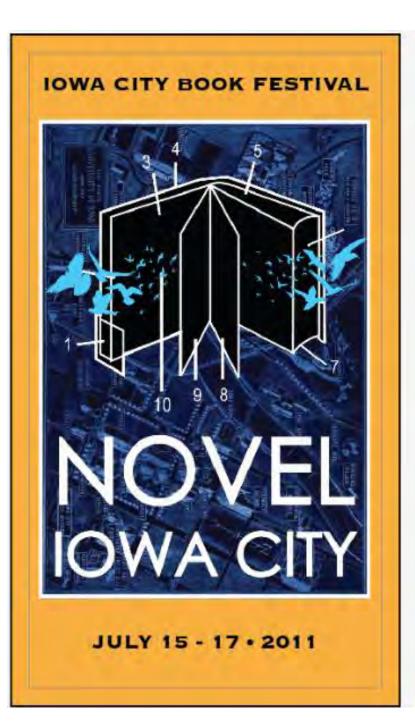
#### 2017

University of California, Merced Global Arts Studies Program Lecture Series. (Fall) University of Nevada Las Vegas Art Department Graduate Program.Visiting Artist (Spring) University of Texas at Dallas School of Arts, Technology, and Emerging Communication Visiting Artist (2017)

2016

School of Visual Arts MFA program in Art Writing, New York, New York. Visiting Artist Presentation.







# "What weighs 54 tons and fits in the palm of your hand?"



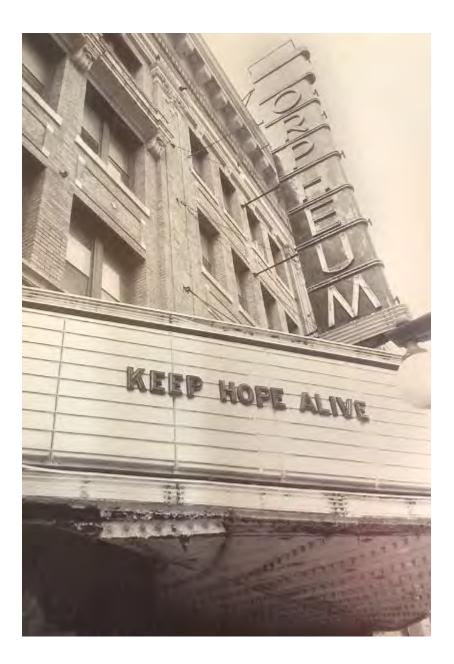
**AIDS Quilt Touch:** a mobile web app developed for the AIDS Memorial Quilt provides access to an archive of the 48,000 panels that make up the Quilt.

Using AIDS Quilt Touch you can SEARCH for a specific NAME, CONTRIBUTE comments, and LOCATE a panel on display.

From your mobile device or computer go to **aidsquilttouch.org** to contribute to this living memorial.

#### **CREDITS:**

The NAMES Project Foundation's Mission: To preserve, care for, and use the AIDS Memorial Quilt to foster, healing, heighten awareness, and inspire action in the struggle against HIV and AIDS. The University of Iowa Digital Studio for Public Humanities (DSPH) encourages and supports public digital humanities research, scholarship, and learning



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## **Statement of Interest**

I am interested in how we affect each other, and our environments, and how those rebound to us.

I propose to do an interactive mobile. Sensors would detect a viewer/participant's shadow, and communicate that to an Arduino. The Arduino would then initiate a fan directed at the mobile structure, drawing it into a waltz. The Arduino would be programmed to intensify the fan if the sensors were being more intensely engaged (such as by multiple viewer/participants). Explanatory information would invite the audience into the interplay.

Because I deeply love and benefit from Iowa City's urban green spaces, this project would seek to become an interior green space. Emotionally, it would be an easeful oasis, an experienced space of internal expansiveness. Materially, I would incorporate as many recycled and second-hand materials as possible, because our choices and actions have tenacious existences in the world.

This mobile would be an outgrowth of others I have done in the past few years. I am familiar with the needs of the computer programming, the hardware productions, the material sourcing, and the balancing acts of the structure. While a week is the longest my mobiles have been installed, I would relish the creative design challenge of creating an enduring installation.

I was very excited to see this call out. I am a long-time resident of Iowa City (almost 20 years now!) and repeat graduate of the UI. I love this place for its beauty, progressiveness, and its social and intellectual liveliness. I hope my proposal strikes a chord. Thank you for your attention!

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# Education

- B.F.A. in Art, with Honors in Art, University of Iowa, 2015
- Graduate Certificate in the Book Arts, University of Iowa, 2005
- B.A. in English, University of Iowa, 2002
- High School Diploma, with Honors, Ottumwa High School; National Merit Scholar, 1998

## Selected Exhibitions:

- Friends Under Pressure, Times Club Gallery at Prairie Lights Café, Iowa City, 2015
- X-acto X-acto: Contemporary Prints from the University of Iowa, Maquoketa Art Experience, 2015
- Dynamics, B.F.A. and Honors solo show, Porch Gallery, University of Iowa, 2015
- Let's All Be Friends, group show, Department of Print Media, Columbus Building, School of the Art Institute of Chicago, Chicago, 2014
- Queer Communities in Print and Let's All Be Friends group show, Eve Drewelowe Gallery, 2014
- Foiled Again! group show, Eve Drewelowe Gallery, 2014
- The Songcycle solo show, Old Brick Church & Community Center, Iowa City, 2014
- Let's All Be Friends group show, Times Club at Prairie Lights Café, Iowa City 2014
- UIHC Staff Art Show, University of Iowa Hospitals and Clinics, 2013
- Foiled Again! group show, Eve Drewelowe Gallery, University of Iowa, 2013
- Art & Engineering group show, Sculpture Staging Area, University of Iowa, 2013
- Contrapuntal Flight solo show, Ark Gallery, University of Iowa, 2012
- Midwest Matrix: B.F.A. Printmakers, group exhibit, The Ark Gallery, University of Iowa, 2012
- Art and Engineering, group show, Art Gallery West, University of Iowa, 2012
- Undergraduate Printmakers, group show, Ark Gallery, University of Iowa, 2012
- On Time solo show, Atrium Gallery, University of Iowa, 2011
- The Songcycle, solo show, Blank Honors Center Gallery, University of Iowa, 2011
- lowa City Public Library Altered Books Benefit, 2010
- Iowa City Poetry in Public Art, 2010
- UIHC Staff Art Show, University of Iowa Hospitals and Clinics, 2009
- UIHC Staff Art Show, First Prize, University of Iowa Hospitals and Clinics, 2008
- Sense & Sensuality, group show, 23 Sandy Gallery, Portland, OR, 2007
- Jgnited, group show, Minnesota Center for Book Arts, 2006
- Recent Works by University of Iowa Printmakers, Kirkwood Community College, Cedar Rapids, IA
  2004

# Selected Collections:

- "Tines," Human Services Campus of East Central Iowa; Cedar Rapids, IA, 2013
- "North Liberty: Inside & Out," Bookmarks statue for the City of North Liberty, IA, 2011
- "Hickory Hill II," Iowa City Public Library Circulating Collection; Iowa City, IA 2010
- "Progression," Iowa City Public Library Circulating Collection; Iowa City, IA, 2008
- "Smog Stack Steeples," Kirkwood Community College; Cedar Rapids, IA, 2004

# Festivals & Trade Shows:

- Iowa Arts Festival, Emerging Artist Category, June 2014
- Public Space One, Art Sale, May 2014

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## **Teaching & Publications:**

- Resonance, essay published in Changing Light: A New Visual Language, 2016
- Friends Under Pressure printmaking portfolio, 2015
- Class Assistant, Foil I & II, Fall Semester, University of Iowa, 2014
- Class Assistant, UI Summer Workshop in Foil, University of Iowa, 2014
- Let's All Be Friends printmaking portfolio, 2014
- Class Assistant, UI Summer Workshop in Foil, University of Iowa, 2013
- Progression, edition of 50, part of the portfolio Foil Imaging: The Original Editioned Prints, 2006

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### Anthony Castronovo

Relationship: Professor and Mentor Sculptures, Solar Art, & Educational Workshops <u>www.acastronovo.com</u> <u>anthonycastronovo@gmail.com</u> 319.471.6707

## G. Deanne Wortman

Relationship: Artist, Teacher, and Supervisor as Class Assistant NEXUS of Engineering and Art College of Engineering 2321 Seamans Center University of Iowa (319) 335-6300 gloria-wortman@uiowa.edu

## Anita Jung

Relationship: Professor and Mentor Professor, Art and Art History University of Iowa (319) 594-0495 anita-jung@uiowa.edu

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# Image List With Project Descriptions

Project: **Contrapuntal Flight**: Ark Gallery, Iowa City, 2012. An installation of interactive mobiles. Sensors, including one triggered by the swing being used, detect people and initiate two fans to gently move the five mobiles. *Materials*: Arduino, sensors, fans; swing; foil-stamped bird shapes of paper (each unique), corkscrew willow branches, crochet metalwork and glass beads.

Image Files:

- Contrapuntal Flight 1
- Contrapuntal Flight 2
- Contrapuntal Flight 3
- Contrapuntal Flight Swing

Project: Intertwined, part of *Dynamics* Show, Porch Gallery, Iowa City, 2015. An installation of an interactive mobile with the foil print series *Cantos and Benedictions* and the artist's book *Kindred* (not pictured). Sensors were placed in the gallery near points designed to lure the audience to linger (artist book, Arduino, documentary materials), so their presence would initiate one fan to rotate one central mobile of willow and foil-stamped aluminum. *Materials*: Arduino, sensors, one fan; corkscrew willow branches, crochet metalwork and glass beads, foil-stamped folded aluminum bird shapes (3 varieties).

Image Files:

- Intertwined Driver
- Intertwined View 1
- Intertwined View 2

Project: **Light, Breeze**, August 2015. A tabletop-sized mobile for a sunny exposure. Its elastic structure is designed with prisms, to scatter rainbows if given the gentlest of stimulation. Materials: Corkscrew willow branches, wire, elastic, thread, prisms.

Image File:

Light, Breeze





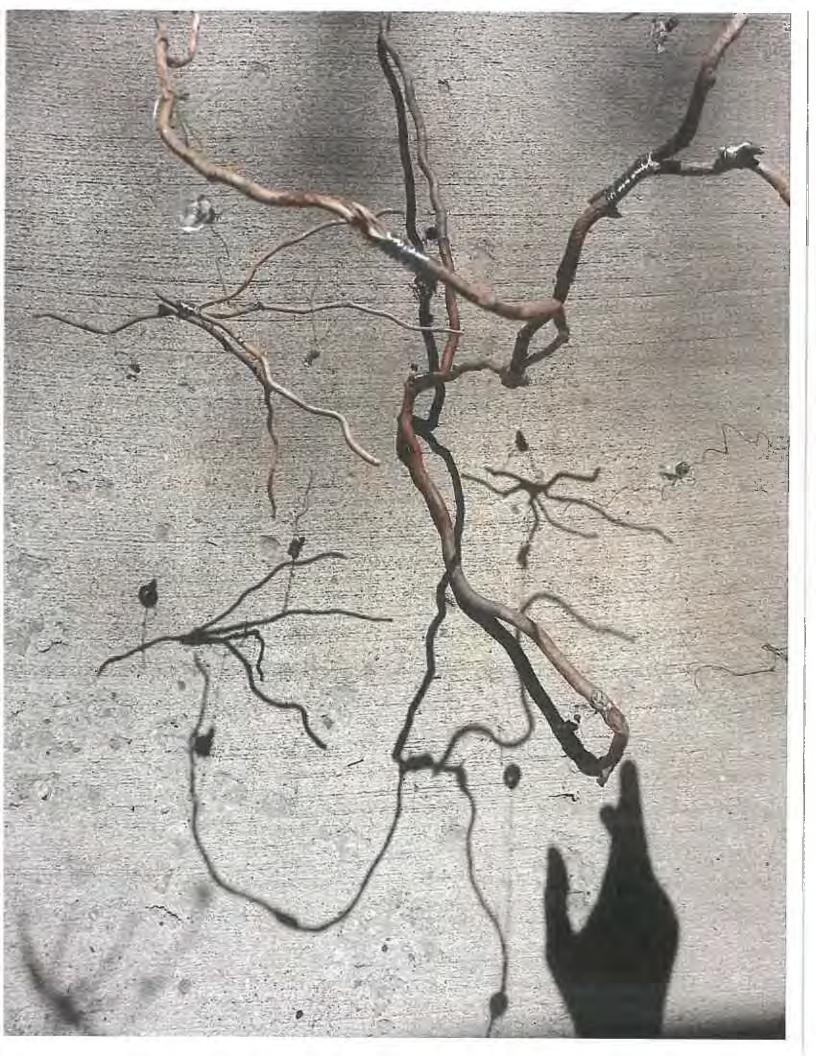












Page (1.); one; Happy holidays %CO-OP; feeds; makes great jet fuel Every+kind; Scranton; Iowa; 51462 (712) 652-3321; 1-800-422-1000 1-800-4-cessna; 1-800-32-smart 1-800-334-9200; 1-800-521-7065 1-800-437-4148; 1-800-kona-4me 1-866-9yachts; 1-888-tea-1uxe 1-8-553-iowa; %UIOWA IMPACT psychaitry 1-877-384-8999; 1-800-777-8442 %Dr. Nxmm with Comm Douglas A. Noland 2730 Wayne Ave; #3 Iowa City; Iowa; 52240 (319) <del>337-4366</del> +999.1433 U.S. AMERICA thansk again sirs %Big Brother & Nephews Gerold B. Noland & Eric & Jon 911 Morrow Drive Phoenix; Arizona; 85027 %Bruce D. Noland (480) 483-1476; home (602) 266-5678; clinic

#### Dear Sirs;

Please consider my resume and letter for any possible paid professional employment. Most of my experience and education have b-en in psych everytkind. I have been accumitted volunteer for several decades treated for schizophrenia. I have completed my AA/EN; nurse sciences at DMACC Boone; Iowa 5/72. I also have completed my BS+ ISU Ames; Iowa 5/75; Distributed studies; triple majors. I had also attempted my X2 PhD; ISU Ames; Iowa; 5/77; 1. psychology; 2. economics. In addition %experience I have also attempted my UIOWA Iowa City; Iowa; PhD 4/80; 1. psych everytkind 2. rurual medicine; 3.rural law; 4usiness; 5.engineers; 6.; etc?I have been a committed volunteer these past twenty years at Outback club Mental Health Center; Iowa City; Ia. Most of their clients were mentally disabled young adults. I had been surviving on social security disability these past two decades... I presently attend UIOWA; Impact psychaitry programs. I see Dr Michael Flaum for prescriptions. Most of my family now lives in Phoenix; arizoan and Minneapolis; Minnesota. Thansk again sirs.

Douglas A. Noland

# Douglas A. Noland

2730 Wayne Ave. #C3 Iowa City, IA 52240 (319) <del>337-4366 35 11</del> (3(9) 499.14 1 (319

#### Objective

To obtain a full-time position

#### Work Experience

The University of Iowa Hospitals and Clinics *Clerkship*  Iowa City, IA April 2000 - present

• Perform clerical duties for the psychiatry research clinic

Polk County Medication Center Clerkship Des Moines, IA 1983-1984

Iowa City, IA

• Performed duties related to rural law

#### Volunteer Experience

Mercy Hospital

• Flower Cart

Outback Club

Mental Health Center

Student Health Center, Iowa State University

Wellness Clinic

• E.M.T

Hillcrest

• Assist with mentally disabled young adults Threshold, Eastdale Mall

• Volunteer with job coach Iowa City Public Library

• Work at the USED BOOKEND Bookstore

## Education

Kirkwood Community College Registered Nursing Program (1994) Iowa State University Bachelor of Science (1975) Des Moines Area Community College Associate of Arts (1972)

#### Honors and Activities

Eagle Scout God and Country Awards Iowa City, IA

Ames, IA

Iowa City, IA

Iowa City, IA

Cedar Rapids, IA

Ames, IA

Boone, IA

# Douglas A. Noland

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References

Dr. Nancy Williams, MD Professor of Psychiatry, IMPACT Program The University of Iowa Hospitals and Clinics (319) 356-1616

Dr. Richard Michaelson, MD Professor of Psychiatry, Outback Club The University of Iowa Mental Health Clinic (319) 338-3813 (319) 338-7884

Dr. Remi Cadoret, MD The University of Iowa Hospitals and Clinics (319) 356-1616

# MERRY CHRISTMAS HAPPY NEW YEAR 2017

Friday, October 14, 2016 4:37 PM

December 25;2016;Douglas A. Noland 2730 Wayne ave #3 iowa city,iowa 52240;319/499-1433;usa;%Bruce D. Noland 4501 Onyx Phoenix,Arizona 85028;480/483-1476;home;602/266-5678;clinic % Lynn B. Noland %State Farm Insurnace Minneapolis,Minnesota 55443;651/365-9043;usa;800/422-1000;800/DESKTOP;800/4cessna;800/521-7065;800/32-smart; 800/kona-4me;800/237-4444;800/777-8442;800/262-3804;800/553iowa;888/2alaska;888/tea-luxe;toll free phones;

Dear sirs; Merry Christmas 2016; happy new years 2017. I had a terrific summertimes in rural iowa city iowa. I howeerv broke my right arm so l was not able to do much sports most of the summer. I did hike and travel on vacations to visit brother Bruce Noland and our sister Sharon leuthauser and her family in Phoenix, Arizona. We hada barbeque at sharons dughter Lindie and Jimmys new house with her new grandaughters as cooks. I mostly just went swimming in Bruces pool and also hiked in mountains. I ddint get to see any fireworks again this july 4;2016. I flew back in an atomic rocket sled. Also I flew to Minneapolis, Minnesota and visited our brother Lynn noland and his family. We toured their renaissance festival. They had belly dancers, scotish highlander dancers, and a jousting tournament with knights in shinning armour on horseback. Also Lynn tok me to visit Duluth harbour, Minnesota and their new campus University of Minnesota at Duluth, Minnesota. We climbed their viking stone lookout tower and viewed tacontite iron ore ship leaving with shipment of ore north. Bruce said he might sned me a plane ticket to travel at christmastime for a visit to phoenix, arizona. I still havnet found any paid pro jobs except volunteer at bookend store public library and also at Uiowa impact psychaitry pecker club. I was still hoping for world travels as us un ambasador etc several places and see south pacific islands they said occassionally.Im looking foreward to new presdential elections and similar officials votes. Princess Anne said she had another baby at sea named Adam; Douglas A.Noland

