

Brett Ian Balogh

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EDUCATION

- 2007 MFA Studio, Department of Art and Technology Studies, SAIC, Chicago, IL
- 1999 BA Biology, School of Arts and Sciences, University of Pennsylvania (UPenn), Philadelphia, PA

EMPLOYMENT

- 2016 - Present Electronic Visualization Laboratory, University of Illinois, Chicago, IL
* Visiting Research Specialist, Creative Coding Research Group
- Researching novel methods of visualizing radio data
- 2014 - Present do.until() Design
* Designer/Engineer
- Create and deploy bespoke IoT systems as part of multidisciplinary team
- 2014 - 2016 School of Art and Art History, University of Illinois, Chicago, IL
* Instructional Lab Specialist, New Media Arts
- Maintained instructional laboratory
- Taught courses and consulted with general student project concerns
- 2007 - 2014 College of Architecture, Illinois Institute of Technology, Chicago, IL
* Assistant Manager, Materials Laboratory
* Coordinator, Digital Fabrication Facilities
- Responsible for all aspects of shop operation
- Maintained digital fabrication resources and developed curriculum
- 2000 - 2005 School of Engineering and Applied Science, UPenn, Philadelphia, PA
* Manager, Manufacturing Technologies Laboratory
- Managed a state-of-the-art digital fabrication facility
- Taught engineering laboratory courses
- Designed and fabricated bespoke research tools
- 1999 - 2000 General Robotics, Automation and Sensory Perception Lab, UPenn, Phila, PA
* Project Coordinator, Tactical Mobile Robotics Program (DARPA)
* Research Assistant, Multi-Spectral OmniDirectional Sensor (DARPA)
* Artistic Consultant, Teleimmersion Initiative
- 1995 - 1999 Graduate School of Fine Arts, University of Pennsylvania, Philadelphia, PA
* Assistant Manager, GSFA Shop
- Responsible for all aspects of shop operation

TEACHING

- 2016 - Present The School of the Art Institute of Chicago, Chicago, IL
- Adjunct Assistant Professor, The Department of Art and Technology Studies
- Lecturer, The Department of Liberal Arts (Science)
- 2008 - Present Illinois Institute of Technology, Chicago, IL
- Lecturer, College of Architecture
- 2007 - 2016 The School of the Art Institute of Chicago, Chicago, IL
- Lecturer, The Department of Art and Technology Studies
- Lecturer, The Department of Liberal Arts (Science)
- 2015 The University of Illinois at Chicago, Chicago, IL
- Lecturer, School of Art and Art History, New Media Arts
- 2010 Ox-Bow School of Art and Artist Residency, Saugatuck, MI
- Lecturer

SKILLS

- General: Endlessly curious and driven by pure love of learning and the belief in the transformative possibilities of the creative use of technology. Excellent problem-solving abilities and communication skills having taught technology in college-level arts, architecture and engineering curricula for 10+ years. Maintains an active studio practice and contributes to scholarship in the field. Can simultaneously manage the needs of multiple projects. Most comfortable outside of comfort zone.
- Programming: Arduino, Processing, Max/MSP, Python, C#, Javascript/Node.js, HTML, CSS, PHP, RS-274D (G-Code)
- CAD: Rhino3D + Grasshopper, AutoCAD, Autodesk Inventor, SolidWorks, Blender
- Design: Adobe Suite (Photoshop, Illustrator, In Design, Acrobat)
- Animation: Blender Game Engine, Unity Game Engine, Panda3D Game Engine, Maya
- Cartography: Quantum GIS, ESRI ArcMap / ArcScene, Mapnik, Accuglobe
- Electronics: General Analog and Digital Circuitry, Microcontroller Electronics (Arduino / PIC), Radio Electronics, PCB Design and Manufacture, Surface Mount Design and Soldering, Robotics, Numerical Control
- Fabrication: Rapid Prototyping (construction, repair and use of CNC Mill/Router, Laser Cutter, 3D Printer), woodwork, welding (Gas, TIG), metal machining.
- IoT: Particle Photon/Electron, ESP8266, Raspberry Pi, Arduino, etc.
- VR: Some knowledge of the CAVE2 environment at EVL. Some familiarity with Oculus DK1. In the process of getting up to speed with Unity. Taking class at SAIC.

SELECTED EXHIBITIONS

- 2016
 - *Radio Revolten*, Halle, Germany
 - IEEE VISAP`16, Baltimore, MD
- 2015
 - IEEE Vis Conference, Chicago, IL
 - *Hot for O. S.*, Cobalt Studio, Chicago, IL
- 2014
 - *Solar Heresies*, Mammal Gallery, Atlanta, GA
 - *Unseen*, Gallery Project, Eastern Market, Detroit and Ann Arbor, MI
- 2013
 - *Interferences*, Radius Episode 41, Radius Experimental Radio Station, Chicago, IL
- 2012
 - *Quantified Self*, Gallery Project, Ann Arbor, MI
 - *Transmittal*, Catskill Gallery, Catskill, NY
- 2011
 - *All that is Solid*, Radia Independent Radio Network
 - *Noospheric Translations*, Illinois State University, Bloomington/Normal, IL
- 2010
 - *Invisible Cities*, Warp Exhibition, Gallery Project, Ann Arbor, MI
 - NY Art Book Fair, MoMA PS1, Queens, NY
 - *Noospherium*, Devotion Gallery, Brooklyn, NY
 - *Media Povera*, Dunedin, NZ
 - *Project Soundwave((4)): Green Sound*, San Francisco, CA
 - *Deep Cycle*, Catskill, NY
 - International Computer Music Conference @ Devotion, Brooklyn, NY
 - *Aural Inversions of Debris*, P.P.O.W, NY
 - *Border Crossings*, exhibition by Bill Rankin at radicalcartography.net
 - *LiveBox* at The Hyde Park Arts Center, Chicago, IL
- 2009
 - Outer Ear Festival of Sound 2009, Experimental Sound Studio, Chicago, IL
 - *Here Not There*, Museum of Contemporary Art, Chicago, IL
 - *Microsound*, Diapason Gallery, Brooklyn, NY
 - *A Synesthetic Plan of Chicago*, Chicago Cultural Center, Chicago, IL
 - ((audience)) festival, Syracuse, NY
 - *Edible Audible*, Millenium Park, Chicago, IL

SELECTED PERFORMANCES

- 2016
 - *The Institute for Implied Imperfection* (w/Jason Soliday), Chicago, IL
 - *The Sea is Represented by an Irregular Shape* (w/Mark Booth), Sector 2337, Chicago, IL
- 2015
 - *Soft Power*, Experimental Sound Studio, Chicago, IL
 - *Hex Inverter*, Threewalls Space @ Mana Contemporary
 - *To The Ground* (Schallenberg, Salmon, Balogh), Links Hall, Chicago, IL
- 2014
 - *ADARADIO* (Balogh, Speer, Mozari, Farrow), Experimental Sound Studio, Chicago, IL

- 2009
 - *Scratch Track*, Art In Odd Places: SIGN, Manhattan, NY
 - New York Art Book Fair, MoMA P.S.1, Long Island City, Queens, NY
 - *The Way We Flock*, New Arts Festival, Gloucester, MA
 - *Here Not There*, Museum of Contemporary Art, Chicago, IL
 - *Exquisite City*, Viaduct Theater, Chicago, IL
 - Elastic Arts Foundation, Chicago, IL
- 2008
 - *On Air*, live transmission for 'This American Life' by Neighborhood Public Radio
- 2007
 - *Spurious Landscapes*, Experimental Sound Studio, Chicago, IL

RESIDENCIES

- 2015
 - ACRE, Steuben, WI
- 2010
 - Roger Brown Residency, New Buffalo, MI
- 2008
 - free103point9 AIRtime Residency, Acra, NY

PUBLICATIONS

- 2016
 - *Spectral Landscapes: Visualizing Electromagnetic Interactions*, Brett Balogh, Anil Çamcı, Paul Murray, and Angus G. Forbes, IEEE Art on Graphics, Bruce Campbell and Francesca Samsel, ed.
- 2014
 - *WiFi Mapping* featured in *The Signal Culture Cook Book*, T McGovern, ed.
- 2011
 - *Nooshperium* featured in *Artists and the Airwaves*, PAJ + MIT press
- 2010
 - *Border Crossings: A Visual Analysis of the Mass Media Landscape*, Parsons Journal of Information Mapping
- 2009
 - *Random-Access Radio*, is featured in 'Handmade Electronic Music: The Art of Hardware Hacking, 2nd ed.' by Nicolas Collins, Routledge, New York
 - *Towards a Programmable Transmission Arts Platform*, Journal of Performance and Art (PAJ 93), MIT Press
 - *Spurious Landscapes: Travelers Inside Pianos*, Leonardo Music Journal (LMJ18) Why Live? Performance in the Age of Digital Production, MIT Press
- 2008
 - *When Airwaves Swing*, Leonardo Music Journal (LMJ17) The Joy of the Gizmo, MIT Press

GRANTS

- 2016
 - Faculty Enrichment Grant, School of the Art Institute of Chicago
- 2010
 - Community Arts Assistance Program Grant (CAAP)
 - Met Life Creative Connections Meet the Composer Grant
 - Faculty Enrichment Grant, School of the Art Institute of Chicago
 - free103point9fm AIRtime Fellowship Grant + Distribution Grant

LECTURES/WORKSHOPS/CONFERENCES

- 2015
- *Space is the Place*, Artist's Talk, IEEE Vis Conference, Chicago, IL
 - *Wandering through Hertzian Space*, Comfort Station Summer Lecture Series, Chicago, IL
 - *Do-It-Yourself FM Transmitter Workshop*, Versionfest 15, Co-Prosperity Sphere, Chicago, IL
- 2014
- *Do-It-Yourself FM Transmitter Workshop*, Radius' Propeller Fund Studio, Mana Contemporary
- 2012
- *Radio as a Creative Medium*, Intuit Center for Outsider Art, Chicago, IL
 - *Do-It-Yourself FM Transmitter Workshop*, Southside Hub of Production, Chicago, IL
 - *Local Area Networks*, Location/Location, Co-Prosperity Sphere, Chicago, IL
 - *Mapping Wireless Networks*, Processing Chicago, UIC, Chicago, IL
- 2010
- *Do-It-Yourself FM Transmitter Workshop*, Sound Megapolis Festival, Baltimore, MD
 - *Do-It-Yourself FM Transmitter Workshop*, Dorkbot Chicago, IL
- 2009
- Discussion Panel, ACADIA 2009: *reForm()* Conference, AIA Chicago, Chicago, IL
 - Discussion Panel, *Art+Design Lecture Series*, Columbia College, Chicago, IL
 - *New Atlantis Workshop*, l'Ecole Superieure d'Art d'Aix-en-Provence, France
- 2008
- free103point9fm Artist's Retreat, St. Mark's Church in the Bowery, Manhattan, NY
 - *DIY Transmitters* (w/ Neighborhood Public Radio), Kavi Gupta Gallery, Chicago, IL
 - *CAVELab Workshop*, l'Ecole Superieure d'Art d'Aix-en-Provence, France

PRESS

- 2010
- Review of *Warp* @ Gallery Project by John Carlos Cantu of annarbor.com
 - 'Inflorescence' @ Soundwave((4)) Festival Editor's Pick at flavorpill.com
 - Review of *Digital Intelligence Analogous Interactions* @ Devotion Gallery reviewed at The New York Times' CityRoom blog
- 2009
- Artist Interview by Kyle Studstill of psfk.com
 - *Chora* at The Experimental Sound Studio's Outer Ear Festival of Sound reviewed by Lauren Weinberg of TimeOut Chicago
 - Prints from *A Noospheric Atlas of The United States* at The New York Art Book Fair featured by Ceci Moss of rhizome.org
 - Chicago Phonography @ The Museum of Contemporary Art's *Here, Not There* series reviewed by Gretchen Holmes of Chicago Now / Art Talk Chicago
 - Chicago Phonography @ The Museum of Contemporary Art's *Here, Not There* interviewed on National Public Radio (WBEZ)