

SHORT BIO

Tiffany Holmes joined MICA as the Vice Provost for Undergraduate Studies in August of 2018. Currently, she is collaborating to create a new curriculum, research center, and fellows program in Creative Entrepreneurship. Holmes worked for eighteen years at the School of the Art Institute of Chicago where she developed an honors program and professional practices curriculum as a full professor and Dean. She received her BA in Art History from Williams College, a MFA from MICA, a MFA in Digital Arts from UMBC, and a PhD from the University of Plymouth in the UK. Holmes began her teaching career as a Teach for America corps member and worked in the Baltimore City Public Schools during the early 90s. Her studio practice explores the potential of art and design to promote environmental awareness and sensitivity to shifting ecologies on the planet. Projects include a commission for the National Center for Supercomputing Applications where sequences of experimental animations visualize real time energy loads. Her paper detailing this work, "Eco-visualization: Combining art and technology to reduce energy consumption," earned a *Best Paper* award at *Creativity and Cognition 2007* and a doctoral degree. She has lectured and exhibited worldwide: Museum of Contemporary Art Chicago, J. Paul Getty Museum in Los Angeles, *01SJ Biennial*, *Siggraph 2000*, *Interaction '01* in Japan, *ISEA Nagoya*, and more. A recipient of the Michigan Society of Fellows research fellowship in 1998, Holmes was awarded an Artists-in-Labs residency in Switzerland, a 2010 Rhizome Commission, and a 2016 Distinguished Alumni Award from UMBC.

EDUCATION

PhD 2004-2010	Eco-visualization: Combining art and technology to reduce energy consumption.
MFA 1996-1999	Imaging and Digital Arts. University of Maryland, Baltimore County, Baltimore, MD. Awarded graduate student assistantship and merit award.
MFA 1992-1996	Painting. Maryland Institute, College of Art, Baltimore, MD. Coca-Cola fellowship.
BA 1986-1990	Art History. Minor in Environmental Studies. Williams College, Williamstown, MA. Graduated <i>cum laude</i> .

ADMINISTRATIVE EXPERIENCE

Vice-Provost for Undergraduate Studies, Maryland Institute College of Art (2018—present). Provides operational leadership for nineteen undergraduate major programs and twenty-one minors (1600 students), and 150 full time faculty. Significant gift acquired from the Ratcliffe Foundation in fall 2019 will facilitate creation of a new Center for Creative Entrepreneurship, a First Year Fellows program with a Live Learn Residential Community, as well as a new minor in Creative Entrepreneurship.

Dean of Undergraduate Studies, School of the Art Institute of Chicago (2011—2018). Provided operational leadership for six undergraduate degree programs (2800 students), and 160 full time faculty. During my deanship, first time freshmen to sophomore retention rose from 76% to 81% due to curricular innovation and reform as well as strategic partnerships with the VPs of Admissions and Student Affairs.

KEY ACCOMPLISHMENTS AND INITIATIVES AS UNDERGRADUATE DEAN (SAIC)

- *Conversations on Art and Science*: Conversations on Art and Science event series was launched in 2011 as a forum for exploring interdisciplinary and critical perspectives on art, science, design, and technology with former President Walter Massey. Collaboratively planned and led many day-long symposia: Celebrating Women in New Media (2016), Truth.Climate.Now. (2017), Botanical Speculations (2017), and Quantum Unlearning (2018).
- *Scientist-In-Residence*: Visiting science faculty appointments began in Spring 2014; the scientist-in-residence teaches a science class and participates in select studio courses as a guest.

- *Collaborative Dataviz*: Implemented SAIC's first inter-institutional course with participating science faculty from Northwestern University (NU) with artists, designers, and historians from SAIC (2013—2017). Course culminates in a show at both SAIC and at NU.
- *SAIC Academic Spine*: Created a three-course sequence that requires a second year interdisciplinary Sophomore Seminar, a third year Professional Practices course focused on life beyond the BFA/BA, and a fourth year Capstone with an assessment for student learning and documentation component. (<http://www.saic.edu/academics/departments/academicspine/>)
- *Reduced Cost of Undergraduate Education*: Led program revisions to all five undergraduate degrees to reduce all pathways of study to a more affordable 126 credits in fall of 2015 (BFA, BFAAE, BFAW, BAVCS, BAAH went from 132 to 126; BFAAE went from 138 to 126). The scope of this project was enormous from Bulletin adjustments, online and print faculty, student, staff, and parent communications, etc.
- *Online Course Development*: Led collaborative effort to launch school's first online studio course: Sophomore Seminar 2900: Digital Practices (2016); course will be offered once per year.

EXHIBITION EXPERIENCE

•SELECTED SOLO SHOWS OR COMMISSIONS

- 2010 *Life under the sun*, solo exhibition at Sonnenschein Gallery at Lake Forest College.
- 2010 *Your face is safe with me*, site-specific animation using CCTV feed from Merchandise Mart, Art Chicago 2010.
- 2009 *darkSky*, interactive energy visualization, Museum of Contemporary Art, Chicago.
- 2008 *Fresh 2.0*, animation commissioned by Visual Foreign Correspondents for exhibition on outdoor video projections; exhibition premieres in Amsterdam.
- 2006 *Your Face is Safe With Me*, iEAR Studios, Arts Department at Rensselaer Polytechnic Institute.
- 2006 *7,000 oaks and counting*, public art commission for the National Center for Supercomputing Applications (NCSA), Urbana, IL.

•INTERNATIONAL VENUES

- 2015 *Grounded Visions: Artistic Research into Environmental Issues*, ETH Zurich, Switzerland.
- 2013 *The Innovationists*, Museum of Contemporary Art Taipei, Taiwan.
- 2009 *Microwave New Media Festival*, Hong Kong City Hall, Hong Kong.
- 2008 *<>TAG EcoAesthetics*, the Hague/Amsterdam, Holland.
- 2005 *Fusion '05*, KKL Kunstmuseum, Lucerne, Switzerland.
- 2003 *Thailand First New Media Art Festival 2003*, Chiang Mai, Thailand.
- 2001 *Interaction '01*, biennial, International Academy of Media Arts and Sciences, Japan.

•SELECTED GROUP SHOWS

- 2017 *Crooked Data*, University of Richmond Museums, Richmond, VA. Curator: Elizabeth Schlatter.
- 2012 *Machine Wilderness*, solar toy hacking workshops at ISEA 2012, Albuquerque, NM.

- 2012 **Works on Water**, Marin Community Foundation, San Francisco, CA. Curator: Patricia Watts.
- 2010 **solarCircus**, 01SJ Biennial, curated by Steve Dietz and Jaime Austin, San Jose, CA.
- 2010 **FRESH 3.0** in *Watershed: Art, Activism, and Community Engagement*, a public art and intervention project organized by Nicolas Lampert and Raoul Deal, Milwaukee, WI.
- 2009 **Your face is safe with me**, at the Museum of Contemporary Art, Jacksonville, Florida.
- 2007 **Speculative Data and the Creative Imaginary**, National Academy of Sciences, Washington D.C.
- 2006 **Ecopoetics**, Finger Lakes Environmental Film Festival, Ithaca, NY.
- 2006 **Global Crossings** in Leonardo Electronic Almanac, curated by Dennis Summers and Choy Kok Kee.
- 2005 **Balance and Power: Performance and Surveillance in Video Art**, Krannert Art Museum, curated by Michael Rush, Urbana, IL.
- 2003 **Reshaping the Text: The Book As Evidence**, inaugural programming of the New Center for Arts and Culture, Mobius Gallery, Boston Cyberarts Festival, Boston, MA.
- 2001 **Devices of Wonder: From the World in a Box to Images on a Screen**, J. Paul Getty Museum, curated by Barbara Stafford and Frances Terpak, Los Angeles, CA. Site specific installation commissioned by the Getty Research Institute.
- 2000 **Siggraph Art Gallery, Nosce Te Ipsum**, New Orleans, LA. Installation featured in the *New York Times*, *The Living Arts*, front page, August 1, 2000.

INVITED LECTURES + WORKSHOPS

- 2020 Invited panelist, **HERSTORY: Digital Innovations**, CAA 2020, Chicago, IL.
- 2019 **Creative Biofabrication and Collaborative Research in an Art School Context**, presentation with Ryan Hoover, AACU's Transforming STEM Higher Education, Chicago, IL.
- 2019 Diversity and Inclusion Summit presentation, and panel: **Untold HERstories: An Homage to SIGGRAPH**, SIGGRAPH '19, Los Angeles, CA.
- 2017 Invited panelist, **"Big Data and the Arts,"** Stevanovich Institute on the Formation of Knowledge, University of Chicago, Chicago, IL.
- 2017 Invited panelist, **Maternal Art Activism**, CAA 2017, New York, NY.
- 2016 Invited lecture for panel titled **"Algorithmic Alchemy: Artists working with Data, Surveillance and Landscape"** at CAA 2016, Washington D.C.
- 2011 **"Scalable Digital Pedagogies,"** Mobility Shifts, conference at the New School, NY, NY.
- 2011 Invited lecturer, **"Envisioning the Post-Carbon City: Creative Strategies for Climate Change."** University of San Francisco, San Francisco, CA.
- 2010 Invited panelist, **Global Warning: Artists, Scientists and Environmental Activism**, Symposium, 01SJ, San Jose, CA.
- 2010 **"solarCircus"** presentation for panel "Think Like an EcoSystem – Attracting People More Successfully to Renewables", ASES National Solar Conference, Phoenix, AZ.
- 2010 **"Beyond Eco-Art: 21st century Eco-visualization,"** CAA 2010 panel, Intersections of Art + Design.

- 2009 **“DIY Solar Sculptures,”** an interactive workshop delivered at Chicago’s Museum of Contemporary Art as part of the Saturday Shorts series, and also given at Northern Illinois University in DeKalb as an invited speaker.
- 2008 **“Greenmedia Futures: Using Art and Technology to Promote Sustainability,”** panel organization and introductory lecture, CAA Association annual conference, Dallas, TX. Subsequent lectures given at: University of Illinois at Chicago and DXArts in Seattle, WA.
- 2007 **“Eco-visualization: Combining art and technology to reduce energy consumption,”** Creativity and Cognition conference, Washington D.C. Won “Best Paper” Award.

SELECTED PUBLICATIONS

New Media Futures: The Rise of Women in the Digital Arts (2017), editors Donna Cox, Ellen Sandor, and Janine Fron. Includes interview with Tiffany Holmes.

Socializing Blogs, a Guide for Beginners (2011) *Learning Through Digital Media: Experiments in Technology and Pedagogy*, editor, 27-34.

“Beyond Eco-Art: 21st century Eco-visualization” (2010) *Transdiscourse: Volume 1: Mediated Environments*, Springer Press.

“Searching for stories in the sea of data: Promoting environmental stewardship through eco-visualization” (2007) *Journal of Museum Education*, Volume 32, Number 3 / Fall 2007: 273-284.

Eco-visualization: combining art and technology to reduce energy consumption (2007) *Proceedings of the 6th ACM SIGCHI conference on Creativity & Cognition*, Washington, DC, USA, SESSION: Tools, media and environments: 153-162.

“Environmental Awareness through Eco-visualization: Combining Art and Technology To Promote Sustainability.” *Reconstruction 6.3: Studies in Contemporary Culture* on “Water: Resources & Discourses,” summer 2006.

“Floating Point: A Creative Visualization of Water Quality,” residency report, in *Artists-In-Labs: Processes of Inquiry*, editor, Jill Scott, Springer Press, 2006.

“What do computers eat? Teaching beginners to think critically about technology and art,” in *Computers and Graphics*, Elsevier, June 2003, Volume 27, No. 3, 361-368.

“Performing Virtual Dissection,” in *Art, Technology, Consciousness*, London: Intellect Books, 2000.

“The Corporeal Stenographer: Language, Gesture, Cyberspace,” published in conjunction with catalogue of international traveling exhibit, *The Digital Salon. Leonardo Almanac: International Resources in Art, Science, Technology*, Volume 32, Cambridge, MA: MIT Press, 1999.

SELECTED ARTIST AWARDS AND GRANTS

Distinguished Alumni Award, University of Maryland, Baltimore County, 2016.

Rhizome Artist’s Commission in association with the New Museum, *solarCircus*, Members’ Choice Award, 2009-10.

Artist’s residency, at NOCCA|Riverfront, New Orleans, LA, 2008.

State of Illinois, Capital Development Board, public art commission, 2005.

Artist-in-Labs Award, Five-month residency in computer science laboratory, Zürich, Switzerland, 2004.

Delaware Center for the Contemporary Arts, "Art and Community Residency," Wilmington, 2004.

Illinois Arts Council, Artists' Fellowship Award, Interdisciplinary/Performance Art, 2002-03.

Nominee, Rockefeller Foundation New Media Fellowship, 2002.

University of Michigan Society of Fellows, Ann Arbor, MI, 1998. Awarded a three-year research fellowship to research and work with an interdisciplinary community of scholars.

SELECTED BIBLIOGRAPHY

Alan G. Artner, "Holmes makes a compelling artistic point," *Chicago Tribune*, April 10, 2009.

ArtBeat Chicago, "Zach: Living, Breathing Computer Mouse," Holmes' project aired on WTTW/Channel 11, 2001.

Jay David Bolter and Diane Gromala, *Windows and Mirrors: Interaction Design, Digital Art, and the Myth of Transparency*, MIT Press, 2003.

Carl DiSalvo, Kirsten Boehner, Nicholas A. Knouf, Phoebe Sengers, "Nourishing the Ground for Sustainable HCI: Considerations from Ecologically Engaged Art," *Proceedings CHI 2009, ACM Ext. Abstracts of CHI 2009*, ACM Press 2009.

Chicago Sun-Times, "Artist directs her energy toward informative art," April 10, 2009.

Carrie Frillman, "Solar-powered project celebrates Women's History Month," *Daily Chronicle*, DeKalb County, IL.

Jen Q. Goddu, "Artists explore the world through playful means," *Chicago Tribune*, March 12, 2004.

Peter Hall, "Seeing green: Designing for conservation," Adobe Think Tank, July 17, 2007.

Sabine Himmelsbach and Yvonne Volkart, eds. *Ecomedia: Ecological Strategies in Today's Art*, exhibition catalogue, Hatje Cantz Verlag, Germany, 2009, p. 173.

Alan S. Inouye (Editor), Marjory S. Blumenthal (Editor), William J. Mitchell, *Beyond Productivity: Information, Technology, Innovation, and Creativity*, National Academies Press, 2003.

Helen Varley Jamieson, "A Vision of Pollution," Net Art News, Rhizome.org at the New Museum, December 17, 2004.

Trey Kay, producer for NPR's *Studio 360: Creative Minds Go Green* show on April 18, 2008.

Rick Lyman, "Bracing for Animation's Big Leap," *New York Times Living Arts* cover story, August 1, 2000.

Miyoko Ohtake, "01SJ Biennial: Build Your Own World," *Dwell* magazine, September 22, 2010.

Joe Rodriguez, "Zero One techno-art festival takes off in San Jose," *San Jose Mercury News*, September 5, 2010.

Kathryn Rosenfeld, "End of an epicenter," *Chicago Journal*, April 29, 2004.

Michael Rush, "Video Art," Thames & Hudson, new edition forthcoming summer 2007.

Barbara Maria Stafford, "Revealing Technologies/Magical Domains," in Barbara Maria Stafford and Frances Terpak's exhibition catalog, *Devices of Wonder: From the World in a Box to Images on a Screen*, Getty Museum Publications, 2001.

Stephen Wilson, "Motion, Gesture, Touch, Gaze, Manipulation, and Activated Objects," in *Information Arts: Intersections of Art, Science, and Technology*, MIT Press, 2002.