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Baltimore, MD 01.07.20

Education

Master of Architecture, Degree 2006
Yale School of Architecture, Yale University
New Haven, CT

Bachelor of Science in Architecture, Degree 2001
School of Architecture, Planning, and Preservation, University of Maryland
College Park, MD

Academic Experience

Associate Professor
School of Architecture and Planning, Morgan State University
Baltimore, MD
2018 - Present

Assistant Professor
School of Architecture and Planning, Morgan State University
Baltimore, MD
2013 - 2018

Lecturer
School of Architecture and Planning, Morgan State University
Baltimore, MD
2012 - 2013

Adjunct Faculty
Environmental Design Department, Maryland Institute College of Art
Baltimore, MD
2010 - 2012

Adjunct Faculty
School of Architecture and Planning, Catholic University
Washington, DC
2011

Adjunct Faculty
School of Architecture, Planning, and Preservation, University of Maryland
College Park, MD
2008, 2011

Teaching Fellow
Yale School of Architecture, Yale University
New Haven, CT
2004 - 2005

Teaching Assistant
School of Architecture, Planning, and Preservation, University of Maryland
College Park, MD
2001

Professional Experience

Principal
Working Group on Adaptive Systems
Baltimore, MD
2009 - Present

Co-Founder, Board Member, and Secretary
D center Baltimore
Baltimore, MD
2008 - 2014

Architectural Designer
Ziger/Snead Architects
Baltimore, MD
2007 - 2010

Architectural Designer
Keller Easterling Architects
New York, NY
2008 - 2009

Architectural Designer
Greg Lynn FORM
Los Angeles, CA
2006

Scholarly Work and Publications

SELECTED BOOKS AND BOOK CHAPTERS AS AUTHOR

Space Forces (working title), monograph, Verso, London, UK, Forthcoming in 2021

Space Settlements, monograph, Columbia University Press / Columbia Books on Architecture and the City, New York, NY, 2019

“Four Projects in Baltimore from the Working Group on Adaptive Systems,” (with co-authors C. Ryan Patterson, Eric Leshinsky, and Marian April Glebes), chapter forthcoming in *Palimpsest: Strategies and Tactics for Intervening in Urban Landscapes*, Julie Kim, Editor, Routledge, London, 2021

“Mission Critical: Mars Modern,” chapter in *Design for the Red Planet*, Justin McGuirk, Editor, The Design Museum, London, UK, 2019

“Skywalk: the Life and Death of Multilevel Urbanism in Downtown Baltimore,” chapter in *Baltimore Revisited*, Joshua Davis, Kate Drabinski and Nicole King, Editors, Rutgers University Press, New Brunswick, NJ, 2019

SELECTED ESSAYS AND ARTICLES AS AUTHOR

“Brick Moon, Glass Moon,” essay in *New Geographies 11: Extraterrestrial*, Jeffrey Nesbit and Guy Trangos, Editors, Harvard University Press, Cambridge, MA, 2020

“Bring on the Apocalypse, Cybertruck is Ready,” essay in *Atlantic CityLab*, David Dudley, Editor, Washington, DC, 2019

“Living in space is the answer, but what was the question?” article in *Architect’s Newspaper*, Matt Shaw, Editor, New York, NY, 2019

“Lydia Kallipoliti cracks open yesterday’s sealed techno utopias,” book review in *Architect’s Newspaper*, Matt Shaw, Editor, New York, NY, 2019

“Jeff Bezos Dreams of a 1970s Future,” essay in *Atlantic CityLab*, Amanda Kolson Hurley, Editor, Washington, DC, 2019

“The Form and Function of Science Fiction,” feature article in *Frank Lloyd Wright Quarterly*, Kate Wagner, Editor, Scottsdale, AZ, 2019

“What will humans really need in space?” essay in *Slate Future/Tense*, Torie Bosch, Editor, Washington, DC, 2019

“Under the Beach, the Bernal Spheres,” essay in *Lapsus Lima*, Mónica Belevan, Editor, 2019

“The Shape of Space: What the orbital space habitats designed for NASA in 1975 can teach us about living in new geometries,” *Places Journal*, Josh Walleart, Editor, 2018

“Highest and Best Use; Subjectivity and Climates Off and After Earth,” double blind peer reviewed publication in *The Journal of Architectural Education 71:2, Environments*, Doug Jackson, Editor, Washington, DC, 2017

“Cylinder Endcap AC75-18813 1920,” for 20x200 Space Editions series, New York, NY, 2017

“Sites of Transformation: The Changing Role of Baltimore’s Historic Mills,” in *Bmore Art, Issue Three: Legacy*, Baltimore, MD, 2016

“Thinking of a Master Plan,” feature article in *The Baltimore City Paper*, August 31, 2016, Baltimore, MD

"Home Tweet Home," in *Log 36: ROBOLOG*, Greg Lynn, Guest Editor, New York, NY, 2016

"Carbon Drawings: Function and Form," in *Jan Razauskas, Carbon Drawings*, a catalog essay for Jan Razauskas solo show at Maryland Institute College of Art's Pinkard Gallery, Baltimore, MD, 2015

"But is it Architecture?" in *The Architect's Newspaper, December 2015*, Matt Shaw, Editor, New York, NY, 2015

"What is a Big Dumb Object?" double blind peer reviewed publication in *The Journal of Architectural Education 69:2, S,M,L,XL*, Alicia Imperiale and Enrique Ramirez, Co-Editors, Washington, DC, 2015

"Ground into Sky - The Topology of *Interstellar*," in *The Avery Review No. 6*, James D. Graham, Editor, New York, NY, 2015

"More than Man in Space: 'The Martian' rewrites 1950s space-race politics," in *The Baltimore City Paper*, Brandon Soderberg, Editor, Baltimore, MD, 2015

Drawings in *The Book of Trees: Visualizing Branches of Knowledge*, Manuel Lima, Editor, Princeton, NJ, 2014

"Brutal Reckoning," in *Baltimore City Paper*, Baltimore, MD, 2014

"Animal Modern," in *Zoogram*, Baltimore, MD, Fall 2013

"Megastructures in Space," in *CLOG: SCI-FI*, New York, NY, 2013

"Unforbidden Planets," (with co-author Michael Stanton), in *Volume #36*, Rotterdam, NL, 2013

Drawings in *Drawn to Design*, Eric Jenkins, Author, Berlin, 2012

"Architecture Needs to Interact," (with co-author Molly Wright Steenson), in *Domus*, Milan, IT, June 2011

Drawings in *100 Things not Worth Repeating*, Marianne Holm Hansen, Editor, London, UK, 2011

"Sticks and Stones; Ai Weiwei and the Uses of Architecture," op-ed for *Architect*, Los Angeles, CA, 2011

"Adaptive Reuse," in *Interactions Magazine*, New York, NY, July-August 2010

"Rescheming Pyramid Scheming," in *CRIT*, Washington, DC, 2010

"ZORK and the Landscape of the Text Adventure Game," in *A Brief Survey of Video Game Landscapes*, Gary Kachadourian, Editor, Baltimore, MD, 2010

Drawing in *CHO5*, Moscow, RU, 2009

"Information Starchitecture," in *Archinect Reviews: Design and the Elastic Mind*, feature at Archinect, Los Angeles, CA, 2008

"The Shipping News," in *Urbanite Magazine*, Baltimore, MD, 2008

"Baltimore: Yes and Yes," feature at *Archinect*, Los Angeles, CA, 2008

PUBLICATIONS AS EDITOR

"Introduction: The Baltimore Modernism Project," in *The Baltimore Modernism Project 01*, D center Baltimore, Baltimore, MD, 2012

"Losing (our) Edge," edited and produced print-on-demand publication for #lgnlgn, included in *A Few Zines*, Chicago, IL, 2010

CONFERENCE PROCEEDINGS

"A Brief Pre-History of Houses Who Tweet," double blind peer reviewed publication in *ACSA 105: Brooklyn Says: Move To Detroit, Proceedings of the 105th Annual Conference of the Association of Collegiate Schools of Architecture*, ACSA, Detroit, MI, 2017

"The Nonhuman Autonomous Space Agency," double blind peer reviewed publication in *ACSA 103: The Expanding Periphery and the Migrating Center, Proceedings of the 103rd Annual Conference of the Association of Collegiate Schools of Architecture*, ACSA, Toronto, OT, 2015

"The High Frontier, the Megastructure, and the Big Dumb Object," double blind peer reviewed publication in *ACSA 101: New Constellations New Ecologies, Proceedings of the 101st Annual Conference of the Association of Collegiate Schools of Architecture*, ACSA, San Francisco, CA, 2013

"Notes for an Encyclopedia of Ground," in *Landscape, City, Community, 2014 Annual Council of Educators in Landscape Architecture Conference*, CELA, Baltimore, MD, 2013

LECTURES, CONFERENCES AND WORKSHOPS

"Application House: Sketching the City of the Future," lecture and workshop in collaboration with AIGA and Bowie State, Baltimore, MD, 2019

"Space Settlements," lecture at Maryland Institute College of Art, Baltimore, MD, 2019

Guest on Interstitial podcast with David Huber, 2019

Guest on Archinect Sessions podcast, with Donna Sink, Ken Koense, and Paul Petrunia

"Space Settlements," lecture and book launch, in conversation with James Graham,

Lydia Kallipoliti, Lisa Messeri, and Felicity Scott, Columbia University GSAPP, New York, NY, 2019

“Space Habitat Design,” panel talk and discussion at SSI 50: The Space Settlement Enterprise, Museum of Flight, Seattle, WA, 2019

“Space Settlements,” lecture, reading, and book launch discussion at Red Emma’s, Baltimore, MD, 2019

“How will we govern ourselves in space?” panel talk and discussion at New America, organized by Future/Tense and the JustSpace Alliance, Washington, DC, 2019

“Satellite Citizens: Cartographies and Cosmologies,” panel talk and discussion at the Graham Foundation, Chicago, IL, 2019

“Megafauna without Charisma: From Space Whale to Space Manatee,” panel talk at the Society for Literature, Science, and the Arts 32nd Annual Meeting, Toronto, Canada, 2018

“Creaturely Citizenship,” panel talk at the Association of Independent Colleges of Art and Design (AICAD) Symposium, Chicago, IL, 2018

“Space Settlement: Closed Loops, Open Systems, and the Ends of Worlds,” panel talk at the International Association for Environmental Philosophy (IAEP) 22nd Annual Meeting, State College, PA, 2018

“Author Meets Critics: Lisa Messeri’s *Placing Outer Space: An Earthly Ethnography of Other Worlds*,” book discussion at the International Association for Environmental Philosophy (IAEP) 22nd Annual Meeting, State College, PA, 2018

“Architecture and Urban Design on Mars,” workshop for Decolonizing Mars: An Unconference on Inclusion and Equity in Space Exploration, United States Library of Congress Kluge Center, Washington, DC, 2018

Participation in the Literature, Language, and Storytelling Working Group, as part of Making Contact 2018, with the Breakthrough Listen SETI project, Berkeley, CA, 2018

Book discussion with Dr. Lucianne Walkowicz, as part of the Off-The-Page event series, Baltimore, MD, 2018

Guest on Night White Skies, an architecture and design podcast with Sean Lally, 2018

Guest on About Buildings + Cities, an architecture and design podcast with Luke Jones and George Gingell, 2018

“Spatial Sketches and Micro-Utopias,” lecture for Maryland Institute College of Art’s Architectural Design Program, Baltimore, MD, 2016

“The Skywalk Preservation Society,” workshop for *Bmore Historic 2016*, Baltimore Museum of Industry, Baltimore, MD, 2016

"Application House," lecture at Carroll Mansion, Baltimore, MD, 2016

"ANT, OOO, SF, and The Case of Planet Nine," lecture for *Contemporary Architectural Theory*, Maryland Institute College of Art, Baltimore, 2016

"The Nonhuman Autonomous Space Agency," workshop at the Pratt Institute, New York, NY, 2015

"The Nonhuman Autonomous Space Agency," paper presentation at the 103rd ACSA Annual Meeting, Toronto, CA, 2015

"The Future of Architectural Education," panel participant, invited by the Curriculum Committee at Catholic University's School of Architecture and Planning, Washington, DC, 2015

"Making Friends with Brutalism," workshop for *Bmore Historic 2014*, at the Maryland Historical Society, Baltimore, MD, 2014

"The Morris A. Mechanic Theatre," panel discussion moderator for AIA Baltimore, Baltimore, MD, 2014

"At the Intersection of Art and Mathematics," workshop, conducted with Susan Goldstine, for the Baltimore Museum of Art's *Big Table* series, Baltimore, MD, 2014

"The Nonhuman Autonomous Space Agency," lecture at *Makeshift Society Brooklyn*, New York, NY, 2014

"The Megastructure and the Big Dumb Object," paper presentation at the Society for Utopian Studies Annual Meeting, Charleston, SC, 2013

"The High Frontier, the Megastructure, and The Big Dumb Object," paper presentation at the 101st ACSA Annual Meeting, San Francisco, CA, 2013

"Soft Sites: Four Case Studies on the Middle Branch," paper presentation at the 99th ACSA Annual Meeting, Montreal, QC, 2011

"Port Covington," paper presentation and workshop at *The City From Below*, (with co-author Eric Leshinsky), Baltimore, MD, 2009

Exhibitions and Gallery Shows

EXHIBITIONS AS CO-CURATOR

The Baltimore Modernism Project presents: renderings from the archives of the Baltimore Architecture Foundation, exhibition, co-curated with Michael Stanton and Jeremy Kargon, D center Baltimore, Baltimore, MD, 2012

campcamp, site specific series of installations and performances, co-curated with Marian April Glebes and C. Ryan Patterson, for the Transmodern Festival, Baltimore, MD, 2011

The Open City Challenge, gallery show and design competition, with D center Baltimore, the Maryland Transportation Authority, the Baltimore Department of Transportation, MICA's Exhibition Design Seminar, and Urbanite Magazine, Baltimore, 2011

EXHIBITIONS AS ARTIST

Work in the Baker Artist Award Finalist Showcase, at the Peale Museum, Baltimore, MD, 2018

Drawings in *Field Work*, Kim Domanski, Curator, MICA Pinkard Gallery, Baltimore, MD, 2017

Drawing Work in *Art on Paper*, Juried Show, Maryland Federation of Art Circle Gallery, Annapolis, MD, 2017

Drawings in *Mission Universe: A Curanaut's Journey*, Erin Lehman and J. Susan Isaacs, Curators, Center for the Arts Gallery, Towson, Baltimore, MD, 2016

"Selections from the Nonhuman Autonomous Space Agency," and "Charismatic Megafauna: Future Manatees," in *Viscerally Yours*, School 33, Baltimore, MD, 2015

"The Nonhuman Autonomous Space Agency," solo show at Pinkcomma, Boston, MA, 2015

"Charismatic Megafauna: Future Manatees," sculpture installation at *The Lazy River*, Artscape 2015, Baltimore, MD, 2015

Wall drawing and works on paper in *Sondheim Prize Semifinalists*, at the Meyerhoff Gallery, MICA, Baltimore, MD, 2014

"Heptagon," site specific sculpture installation for *Hope Against Hope*, at the Phoenix Shot Tower, Baltimore, MD, 2010

Works on paper, solo show at The Depot, Baltimore, MD, 2010

Works on paper in *Coupling, selections from the Baker Artist Award Nominations*, at The Windup Space, Baltimore, MD, 2010

"Constellation Energy," site specific sculpture installation for *Axis Alley*, Baltimore, MD, 2009

Wall drawing at *Abandon Ship!*, Current Space, Baltimore, MD, 2009

Photography in *Charming Decay, Photographs of Postindustrial Life*, Hibbleton Gallery, Fullerton, CA, 2009

Design work, (for Keller Easterling Architects) in *13:100, Thirteen New York Architects Design for Ordos*, The Architectural League of New York, New York, NY, 2008

“Invasive Species,” site specific sculpture installation for *Art on the Trail*, Leakin Park, Baltimore, MD, 2008

Work on paper at *Penned*, Bunting Gallery, MICA, Artscape, Baltimore, MD, 2008

“Becoming Parks: Middle Branch Case Files,” at *Welcome to: One Park*, Current Space, Baltimore, MD, 2008

“Vernacular Formalisms,” at *Vernacular*, Metro Gallery, Baltimore, MD, 2008

“Giant Robot / Crystal Voltron,” in *Young Architects: Emerging Talents, Emerging Technology*, Beijing Biennale, Beijing, CN, 2006

Professional Work

DESIGN PROJECTS AS THE WORKING-GROUP ON ADAPTIVE SYSTEMS

Current Space Masterplanning, completed 2018

Designer, with various collaborators

Bromo Seltzer Arts District

Baltimore, MD

Working with a small arts organization to create a masterplan proposal selected by the Baltimore Development Corporation for Howard St.

Gorsuch House, completed 2018

Designer, with various collaborators

Baltimore, MD

Renovations for a single family duplex, adding energy efficient and sustainable features.

The Baltimore Grand Tour, completed 2016

Curator and designer, with various collaborators

Artscape 2016

Baltimore, MD

A 1.5 mile long scale model solar system, with each planet made by a different artist contributor/collaborator, mounted in public space on Charles St.

Pillow Fort Semper, completed 2016

Co-designer and fabricator, with Marian April Glebes

Baltimore Museum of Art

Baltimore, MD

This temporary installation was part of a workshop in January 2016 at the BMA

#Planetes, proposed 2015

Team lead, with Daniel Barber, Claire Donato, Justin Graham, and Charlene McBride

Storefront for Art and Architecture

New York, NY

A design competition proposal for installation design as part of the “Closed Worlds” show. Not selected.

National Park, completed 2012

Co-designer and fabricator, with Marian April Glebes
Artscape 2012
Baltimore, MD
Full-scale temporary placemaking installation

Fells Point Roof Garden, completed 2012
Design lead
Baltimore, MD
An outdoor living room with green roof and water recycling

PS none, completed 2011
Co-designer and fabricator with Marian April Glebes
Artscape 2011
Baltimore, MD
Full-scale temporary placemaking installation

Evergreen Commons, completed 2010
Co-designer, curator, and fabricator, with Eric Leshinsky and C. Ryan Patterson
Sculpture at Evergreen Biennale 2010
Baltimore, MD
Full-scale temporary placemaking installation

The Plant, completed 2008
Team Member, Visionary Green Design and Development
Baltimore Bioneers 2008
Baltimore, MD
Speculative green development proposal

DESIGN PROJECTS WITH OTHERS

Ordos 100 Villa #38, completed 2009
Project Designer, for Keller Easterling Architects
Ordos 100, curated by Ai Weiwei with Herzog and DeMeuron
Ordos, CN
Proposal for a large villa that doubles as a miniature arts colony

Center for Parks and People at Auchentoroly Terrace, completed 2009
Designer, for Ziger/Snead Architects
Parks and People
Baltimore, MD
LEED Gold headquarters for an open space advocacy nonprofit

Baltimore Curriculum Project Classroom of the Future, completed 2009
Lead Designer, for Ziger/Snead Architects
Architecture for Humanity
Baltimore, MD
Speculative competition entry about the future of classroom refitting

White House Redux, completed 2008
Designer, for Keller Easterling Architects

Storefront for Art and Architecture
Washington, DC
Speculative competition entry to redesign the White House

Atlantis Sentosa, completed 2006
Designer, for Greg Lynn FORM, in collaboration with Gehry Partners and Arnell Group
Kerzner/CapitaLand
Sentosa Island, Singapore
Proposal for a large resort / hotel / aquarium / casino complex

Biennale Park Pavillion No. 3, completed 2006
Designer, for Greg Lynn FORM
Saadiyat Island, Abu Dhabi, United Arab Emirates
Proposal for an art pavilion in a new urban development area

Schloss, Coral, Soprano, Halo, Great Wall, completed 2006
Designer, for Gregg Lynn FORM
Ian Schrager Company
Las Vegas, NV
Basic concept proposals for mixed use housing

Mikulski Center for Workforce Development, completed 2003
Project Designer, for Alexander Design Studio
Living Classrooms Foundation
Baltimore, MD
Workforce development center on a waterfront campus

Honors and Awards

PROFESSIONAL ART AND DESIGN AWARDS

Production Grant from the Graham Foundation for Advanced Studies in the Fine Arts, 2018
Baker Artist Award Finalist, 2018
President's Award for Architectural Journalism, AIA Baltimore, 2016
Jason M. Pettigrew Memorial Scholarship, AIA National, 2016
Associate Member Scholarship, AIA Baltimore, 2016
Sondheim Prize Semifinalist, 2014
City Paper Top Ten Art Shows, National Park, 2012
President's Award for Civic Engagement, AIA Baltimore, 2011
AIA Maryland Award, Center for Parks & People, 2010
City Paper Best of Baltimore, Best Site Specific Work: Evergreen Commons, 2010
AIA Baltimore Award, Mikulski Center, 2006

ACADEMIC AWARDS

Faculty Teaching Award, Graduate Built Environment Studies, Morgan State University
SA+P, 2016
Faculty Service Award, Morgan State University SA+P, 2012
David M. Schwarz Architectural Services Good Times Award, Yale University, 2006

H.I. Feldman Prize Nominee, Yale University, 2006
Gertraud A. Wood Traveling Fund, Yale University, 2005
AIA Scholarship, Yale University, 2005
David C. Morton Scholarship, Yale University, 2005

Teaching

COURSES TAUGHT

Morgan State University:

ENST 103, Communication Skills 1
ENST 104, Communication Skills 2
ARCH 501, Transitions in Architecture
ENST 510, Beginning Design Studio
URBD 511, Urban Design
ARCH 512, Graphics Workshop
ARCH 520, Design 2
ARCH 523, Environmental Controls
ARCH 540, Design 4
ARCH 541, The Integrated Intelligent Detail
ARCH 550, Design 5
ARCH 651, A Survey of Imaginary Architecture
ENST 770, Computer Aided Design

Maryland Institute College of Art:

ENV 200, Integrated 3D Design
ENV 480, Senior Thesis II

Catholic University:

ARPL 201, Design Foundations

University of Maryland:

ARCH 401, Architectural Design Studio II

INVITED JURIES

University of Toronto, 2018

Toronto, ON

University of Pennsylvania, 2015, 2016, 2017, 2018, 2019

Philadelphia, PA

Pratt Institute, 2018, 2019

New York, NY

University of Michigan, 2012, 2014

Ann Arbor, MI

Catholic University, 2014, 2016

Washington, DC

Columbia University, 2013

New York, NY

University at Buffalo, 2013, 2016, 2018

Buffalo, NY

Corcoran College of Art and Design, 2011, 2012
Washington, DC
Maryland Institute College of Art, 2011, 2012, 2013, 2014, 2015, 2016
Baltimore, MD
University of Maryland, 2011
College Park, MD
Pennsylvania State University, 2010
State College, PA

AWARDS FOR STUDENT WORK

Paul Lancaster, Winner, AIA Baltimore FAR Scholarship Award, 2014
Khashayar Shahkolahy, Honorable Mention, AIA Baltimore FAR Scholarship Award,
2014
Katrina Keane, F. Grainger Marburg Scholarship, 2012

Affiliations and Service

Architect's Newspaper, Advisory Board Member, 2017-Present
Baltimore Heritage Board Member, 2016-Present
AIA Baltimore Associate Member, 2015-Present
Society for Utopian Studies, 2013-Present
Association of Collegiate Schools of Architecture, 2010-Present
United States Green Building Council LEED AP 2.2, 2008-Present
Baltimore Bioneers Visionary Green Design and Development Panel, 2008
Masonville Cove Dredged Material Containment Facility Citizens Advisory Committee,
2007-2010
Station North Bike Rack Project Committee, 2007-2008
AIA Baltimore Excellence in Design Awards Committee, 2008-2010
Baltimore Feral Fowl, 2007-2008
D center Baltimore, Co-Founder, Secretary, Board Member, 2008-2014
Baltimore Design Conversation Coordinator, Co-Founder, & Curator, 2008-Present
#Ignlgn, 2009-Present