

Mitchell Joachim, Ph.D.

Terreform ONE, New Lab
19 Morris Avenue
Brooklyn, NY 11205
TEL: 617-285-0901
E-MAIL: mj@terreform.org
URL: www.terreform.org

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EXECUTIVE SUMMARY

I. Leadership/ Teaching

In 2006, Mitchell Joachim Co-Founded the Terreform ONE nonprofit architecture, art, and urban design research group in New York City. Equally, he is an Associate Professor of Practice at NYU's Gallatin School of Individualized Study and holds appointments at the Tisch School of the Arts ITP, and Tandon School of Engineering. He maintains noteworthy leadership roles as a University Senator and Co-Director of Global Design NYU.

II. Professional Experience/ Honors

Formerly, Mitchell worked as an architect at the professional offices of Frank Gehry in Los Angeles, Moshe Safdie in Boston, and I.M. Pei in New York. He has won many awards including: Fulbright Scholarship, LafargeHolcim Prize, ARCHITECT R+D Award, AIA New York Urban Design Merit Award, Victor Papanek Social Design Award, 1st Place International Architecture Award, Zumtobel Award for Sustainability, Architizer A+ Award, History Channel Infiniti Award for City of the Future, and Time Magazine Best Invention with MIT Smart Cities. He is a TED Senior Fellow and has been awarded fellowships with Safdie Architects, and the Martin Society for Sustainability at MIT.

III. Publications/ Exhibitions

Mitchell was featured in numerous articles: "The 100 People Who Are Changing America" in Rolling Stone, "The Smart List: 15 People the Next President Should Listen To" in Wired, "50 Under 50 Innovators of the 21st Century" by Images Publishing Group, "The NOW 99" in Dwell, and "Future of the Environment" in Popular Science. He co-authored three books, "Super Cells: Building with Biology" (TED Books), "Global Design: Elsewhere Envisioned" (Prestel, 2014) and "XXL-XS New Directions in Ecological Design" (ACTAR 2016). His design work has been exhibited in frequent locations including MoMA in New York, DOX Center for Contemporary Art in Prague, MASS MoCA in North Adams, The Building Centre in London, DAZ in Berlin, OCAD in Toronto, NAI in Rotterdam, and the Venice Biennale.

IV. Academic Experience/ Education

Previously, Mitchell was the Frank Gehry Chair at the University of Toronto and faculty at Pratt, Columbia, Syracuse, Rensselaer, Washington (St. Louis), Cornell, Parsons, and EGS (Switzerland). He earned a Ph.D. at the Massachusetts Institute of Technology, M.A.U.D. at Harvard University, M.Arch at Columbia University with honors.

EDUCATION

- 2002-06 **Massachusetts Institute of Technology**
School of Architecture and Planning, Cambridge, MA.
Ph.D. Architecture, Design and Computation.
Committee: William J. Mitchell, Alex Krieger and Adèle Naudé Santos.
- 2000-02 **Harvard University**
Graduate School of Design, Cambridge, MA.
Master of Architecture in Urban Design (M.A.U.D.)
- 1994-97 **Columbia University**
Graduate School of Architecture, Planning and Preservation, New York, NY.
Master of Architecture (M.Arch)
- 1990-94 **University at Buffalo, SUNY**
School of Architecture and Planning, Buffalo, NY.
Bachelor of Professional Studies (B.P.S.) in Architecture, *Cum Laude*.

ACADEMIC EXPERIENCE

- 2010- present **New York University**
Gallatin School of Individualized Study and Tisch School of the Arts ITP, New York, NY.
Associate Professor in Practice of Architecture and Urban Design.
Undergrad Studios, Architecture and Urban Design Labs I and II.
Undergrad Seminar, Think Big: Global Issues and Ecological Solutions.
Undergrad Seminar, Ecological Transport, Infrastructure and Building Design.
Undergrad Seminar, Green Design from Geddes to Gore.
Undergrad Seminar, Designing for New Climates: Histories of Adaptation.
Graduate Studio, Times Square Electronic Garden.
Graduate Studio, Design Development.
Undergrad Seminar, Special Topics in Media Arts.
- Global Design NYU**
Co-Director.
A research center for the advancement of architecture, landscape and urban design.
Responsibilities include: planning, fundraising, international conferences, exhibitions, publications, and integrated student activities within the NYU Global Network University.

- 2009- present **ONE Lab: NY School for Design and Science**
New Lab, Brooklyn Navy Yard, NY.
Founding *Co-Chair*.
Established and financed an unconventional design program and micro-learning platform.
Multidisciplinary workshops included: Urban Farms, Bio Design, and Productive Cities.
- 2014 **Rensselaer Polytechnic Institute**
School of Architecture, Troy NY.
Adjunct Professor.
Undergrad Arch. Design Studio, Unlimited Pedagogy.
- 2010,
2015-16 **Syracuse University**
School of Architecture, Syracuse, NY.
Visiting Studio Critic, and Professional Practice Instructor.
Undergrad Spring Arch. Studio Plastic and Plasticity.
Undergrad Internship Program.
- 2013-14 **Cornell University**
College of Architecture, Art, and Planning, NY.
Visiting Professor.
Graduate Arch. NYC Summer Studios, Smart Dock, and Brooklyn Heights Promenade.
- 2010-14 **European Graduate School (EGS)**
Saas Fee, CH.
Professor of Architecture.
Graduate Seminars, Ecological Visions: Past Futures.
- 2010 **Pratt Institute**
School for Architecture, Brooklyn, NY.
Adjunct Associate Professor, Graduate Architecture and Urban Design.
Graduate Fall Arch. Studio, Googleplex NYC: An Urban Complex.
- 2009-10 **University of Toronto**
John H. Daniels Faculty of Architecture, Landscape, and Design, Toronto, ON.
Frank Gehry International Visiting Chair.
Graduate Arch. Studio, Carborexic Urbanity.
Graduate Seminar, Ecotransology from Geddes to Gore.

- 2008-09 **Parsons**
The New School for Design, New York, NY.
Assistant Professor.
Graduate Arch. Studio II, Reuse - The Urban Big Box.
Graduate Seminar, Digital Modeling.
Graduate Seminar, Environmental Design.
- 2007-09 **Columbia University**
Graduate School of Architecture, Planning and Preservation, New York, NY.
Adjunct Assistant Professor of Architecture.
Graduate Seminars, Tilling Education: An Eco Aesthetic Approach I and II.
- 2007-08 **Washington University**
Graduate School of Architecture and Urban Design, St. Louis, MO.
Visiting Associate Professor.
Graduate Arch. Studio: Ecotarium in Zurich.
Graduate Arch. Studio: Ecological Spa in Anguilla.
- 2002-06 **MIT Media Laboratory, Smart Cities Group and Digital Design Fabrication Group**
Massachusetts Institute of Technology, Cambridge, MA.
Research Assistant.
Graduate Courses, Design Workshops: Concept Car with GM and Frank O. Gehry.
Graduate Special Topics, City Car: The Next BIG Small Thing and Athlete Car.
Graduate Courses, Digital Mock-Up Workshops I and II.
- 2002-03 **School of the Museum of Fine Arts**
Boston, MA.
Visiting Faculty in Sculpture.
Undergraduate Seminar, Space and Modeling.
Undergraduate Seminar, Installation One.
Undergraduate Seminar, Designing Space.

PROFESSIONAL EXPERIENCE

2006- present **Terreform ONE (Open Network Ecology), Brooklyn, NY.**

Founding Co-President and Director of Research.

Installation/ Exposition

Future North, MASS MoCA, North Adams, MA.

Babel, IDEAS CITY, New Museum, New York, NY.

Creatureama, Hessian State Theatre, Darmstadt, Germany.

Bio City Map of 11 Billion, Venice Biennale, Italy.

Urban Tangle Map, NYU 383 Lafayette St., New York, NY.

American Museum of Natural History, Insectarium, New York, NY.

Cooper Hewitt, Butterfly Sanctuary, New York, NY.

Urban Design/ Master Planning

New York 2106, Lower East Side, New York, NY.

Green Brain, Smart Park, Seoul, South Korea.

Waterfront District Plan, Shanghai, China.

Riva Ring, Istanbul, Turkey.

Masdar City Center, Abu Dhabi, UAE.

Rapid Re(f)use, Waste To Resource, New York, NY.

Urbaneering Downtown, Brooklyn, NY.

Smart Dots + Soft Mobs, Future Streets, Brooklyn, NY.

Super Docking, Navy Yards, Brooklyn, NY.

Power of the City + Occupy, New York, NY.

Governors Hook, Governors Island, Red Hook, Brooklyn, NY.

Resilient Water Infrastructure, Brooklyn, NY.

Smart City Farms, 42nd St. New York, NY.

Post Carbon City State, New York, NY.

New Scandinavia International Border Town, Mexico.

Yas Island, Abu Dhabi, UAE.

Rikers Island LaGuardia Airport terminal, New York, NY.

Mayor's Office of Sustainability, EV Hubs, New York, NY.

Commercial/ Institutional

Peristalcity, West Side Yard, New York, NY.
Vigliano Agency, New York, NY.
Lotus F1 Race Track, Norwich, UK.
New Lab, Manufacturing Facility, BNY, Brooklyn, NY.
Cricket Shelter + Modular Farm, Dry Dock 4, Brooklyn, NY.
Butterfly Sanctuary, Cleveland Place, New York, NY.
Mixed Use, Market Building, Los Angeles, CA.

Residential/ Housing

Fab Tree Hab, Portland OR.
Dual House, Anguilla, UK.
Little Hall's Pond Cay, The Bahamas.
Lewis Residence, Artec City, Miami, FL.
In Vitro Meat Habitat, Tucson, AZ.
Homeway, U.S. Route 1, Miami, FL.
Willow Balls, Prospect Park Alliance, Brooklyn, NY.
Multigen East Village, New York, NY.
Rossato Residence, Brooklyn, NY.

Product/ Transportation

River Gym, Human Powered Transport.
XO Lamb, Soft Car Gentle Congestion Mobility.
Mini Stacking Electric Cars, City Vehicle System.
Jetpack Packing, Cluster Commuting.
Gen2Seat, Eatable Chairs and Mycoform, Shapeable Mycelium.
Plug-In Ecology, Urban Farm Pod.
Aliveware: Veg Spacesuit Aeroponics.
Intel Butterfly Drone.

PROFESSIONAL EXPERIENCE (CONTINUED)

- 2005-06 **Gehry Partners, LLP, Los Angeles, CA.**
Architect.
Brooklyn Atlantic Yards, NY: Designed an urban arena within a tall building cluster for an extensive program that included housing, commercial, retail, and six acres of public space.
- 2003-04 **Moshe Safdie and Associates, Inc., Somerville, MA.**
Architect/ Research Fellow.
Tall Buildings in the City: An intensive practice based investigation of skyscraper geometry and clusters that involved understanding environmental consequences of tall buildings.
- 2000 **Pei Cobb Freed and Partners Architects LLP, New York, NY.**
Project Architect.
Select Projects: The Fuller Building NYC, University of Illinois Computer Science Center, Supreme Court Building of Singapore, 1700 K Street Washington DC.
- 1999 **Pasanella + Klein, Stolzman + Berg, Architects PC, New York, NY.**
Project Designer with Leni Schwendinger.
Port Authority Gateway, NY.
- 1998 **Edward I. Mills and Associates, FAIA, New York, NY.**
Project Architect.
Manhattan College Library NYC, Nahuel Huapi Park Hotel for Patagonia Argentina.
- 1997-99 **Sorkin Studio, New York, NY.**
2002,06 *Partner/ Architect.*
Select Projects: Wiggle monograph, Starting From Zero, World Peace Dome, Lotus Ground Zero, WTC Memorial, Coorg Housing, Kaohsiung Gateway, Grand Central Terminal, Columbus Circle, Bucharest Romania, Mission Bay San Francisco, University of Chicago, IIT Campus, Hamburg 2030, Schwerin Transit, Friedrichshof Commune, Kyoto 21st Century.
- 1988-90 **Hess Architects, West Nyack, NY.**
Designer.
Private Residential Architecture within the New York State Region.

EXHIBITIONS

- 2018 Wild Designs, Fab Tree Hab, Peabody Essex Museum, Salem, MA.
- 2017 Seoul Biennale of Architecture and Urbanism, Terreform ONE, Seoul, KR.
TAB: Tallinn Architecture Biennale, Terreform ONE, Tallinn, EE.
Art Basel Miami, Cricket Shelter, Faena Hotel South Beach, Miami, FL.
Food by Design: Sustaining the Future, Museum of Design (MODA) Atlanta, GA.
Ambiguous Territory, In Vitro Meat Habitat, University of Michigan, Ann Arbor, MI.
DETAIL Prize, Institut für internationale Architekturdokumentation, Munich, DE.
Urban Tangle, NYU StudentLink Center, 383 Lafayette Street, New York, NY.
EDIT: Expo for Design, Innovation and Technology, Terreform ONE, Toronto, ON.
Designing for New Climates: School of the Earth, Gallatin Gallery, NYU, NY.
Astana Expo, Terreform ONE, Human Powered River Gym, Astana, KZ.
- 2016 Community Squares, Make It Together, NYU Inauguration, Schwartz Plaza, New York, NY.
Time Square Alliance/ NYCxDDesign, Times Sq. Electronic Garden, Global Design NYU, NY.
Institute for the Future (ITF) Gallery, Terreform ONE, Palo Alto, CA.
Art Works for Change, Survival Architecture, Terreform ONE, Oakland, CA.
Survival Architecture and the Art of Resilience, Museum of Art, Ocala, FL.
White Box Art Center, #makeamericagreatagain, Terreform ONE, New York, NY.
International Contemporary Furniture Fair (ICFF) Mycoform Surface, New York, NY.
Emergent Ecologies, Terreform ONE, Kilroy Gallery, Brooklyn, NY.
- 2015 West Bund Art and Design, Harvard GSD, Terreform ONE, Shanghai, CN.
Creator Space, BASF 150th Anniversary Exhibition, Terreform ONE, New York, NY.
ACADIA Computational Ecologies, Terreform ONE, University of Cincinnati, OH.
University of Virginia School of Architecture Gallery, Terreform ONE, Charlottesville, VA.
Ice Action: Climate Deal Now, Washington Square Park, Global Design NYU, NY.
Post Carbon City State, New York I Love You, But..., Terreform ONE, NYU, NY.
Lawrence Technological University, Ecotarium, Terreform ONE, Detroit, MI.
The Future City, Terreform ONE, The Practice Space, RIBA, London UK.
- 2014 Venice Biennale, Official Selection 14th Int'l Architecture Exhibition, Palazzo Mora, IT.
OfficeUS Outpost of the American Pavilion, Venice, IT.
Design for Resilience, Boston Architectural College (BAC), McCormick Gallery, Boston, MA.
VIA Festival International Exposition Micro/ Macro, at Maubeuge, Créteil, and Lille, FR.
BBC Future Building Tomorrow Exhibit, Openhouse Gallery, New York, NY.
Weltstadt Exhibition, DAZ (German Architecture Center), Berlin, DE.
Weltstadt – Who creates the city? Wyoming Building, Goethe-Institut, New York, NY.
Southern Illinois University School of Architecture Gallery, Carbondale, IL.
Another Green World, NYU Gallatin Galleries, New York, NY.

- Biofabricate, Gen2Seat, Microsoft Technology Center, New York, NY.
- 2013 The Metropolitan Museum of Art, Grace Rainey Rogers Auditorium, with DJ Spooky, NY.
The New Institute (NAI), Biodesign, Rotterdam NL.
Onsite [at] OCAD Gallery, Terreform ONE, Toronto, ON.
Scienceworks, Museum Victoria, Melbourne, AU.
Alive/ Envie The Ultimate Design, Gen2Seat, Espace Fondation EDF, Paris, FR.
IDEAS City, New Museum, New York, NY.
Lower Manhattan Cultural Council, Governors Island Art Center, New York, NY.
Smart City Expo World Congress, Terreform ONE, Barcelona, ES.
NYU Gallatin Faculty Show, Jerry H. Labowitz Theatre Gallery, New York, NY.
AIANY 2013 Design Awards, Buenos Aires International Biennial of Architecture, AR.
AIANY 2013 Design Awards, AIA Center for Architecture, New York, NY.
- 2012 Rockefeller Innovation Forum, Skylight Soho, New York, NY.
Cartographies of Hope, Gen2Seat, DOX Centre for Contemporary Art, Prague, CZ.
Past Futures, Present, Futures, Storefront for Art and Architecture, New York, NY.
GLOBAL Design, London Design Festival, NLA, The Building Centre, NYU London, UK.
ONE Prize, AIA Center for Architecture, New York, NY.
Design for the Real World REDUX, White Box Gallery, New York, NY.
- 2011 Design for the Real World REDUX, University of Applied Arts, Vienna, AT.
Creatureama E-Waste Bots, Architektursommer Rhein-Main, Darmstadt, DE.
Flash:Light, Mycoform Projection, New Museum, New York, NY.
GLOBAL Design; Elsewhere Envisioned, Gallatin, New York University, NY.
Ecologías Correlativas, 319 Scholes Gallery, Brooklyn, NY.
Paradise, Proteus Gowanus, Brooklyn, NY.
EcoRedux: Design Remedies for a Dying Planet, Disseny Hub of Barcelona (DHUB), ES.
- 2010 Digital Art at Google, Google NYC, and Chelsea Art Museum (CAM), New York, NY.
Future of the Future, DOX Center for Center for Contemporary Art, Prague, CZ.
Terreform ONE, East Coast Pavilion, Architectural Biennial Beijing, CN.
Terreform ONE, Eric Arthur Gallery, Toronto, ON.
BiodiverCity, Embassy of Australia, Washington DC.
Terreform ONE, Windows on Madison, Czech Center New York, NY.
Imaginarium, Examples to Follow!, Uferhallen, Berlin, DE.
MIT City Car, National Design Triennial, Cooper-Hewitt Museum, New York, NY.
- 2009 Design Jazz: Improvisations on the Urban Street, Homeway, Pratt Manhattan Gallery, NY.
29 Chains to the Moon, Miller Gallery at Carnegie Mellon University, Pittsburgh, PA.
Superlight, Future North, Museum Of Contemporary Art (MOCA), Cleveland, OH.
Visions 9th International Festival, BEYOND MEDIA, Stazione Leopolda, Florence, IT.

- Brooklyn Exchanges, Metropolitan Exchange Gallery, NY.
- 2008 Home Delivery: Fabricating the Modern Dwelling, Fab Tree Hab, MoMA, NY.
Green Architecture, Jaroslav Fragner Gallery, Prague, CZ.
Badlands: New Horizons in Landscape, Future North, MASS MoCA, MA.
EcoRedux: Design Remedies for a Dying Planet, Byzantine Museum of Athens, GR.
Fragments of the Imagination, Future North, Miller Block Gallery, MA.
01SJ Global Festival of Art on the Edge, Future North, Biennial, San Jose, CA.
- 2007 Super Vision, Climate Commons, The Institute of Contemporary Art (ICA), MA.
Postopolis!, Storefront for Art and Architecture, NY.
- 2006 Venice Biennale, 10th Intl. Architecture Exhibit, Smart Cities, IT.
History Channel, City of the Future NY, Vanderbilt Hall, Grand Central, NY
Architectural Biennial Beijing, EAST COAST: Peristalic City, China.
The HOME House Project, Fab Tree Hab, Contemporary Arts Center (CAC), OH.
The HOME House Project, Fab Tree Hab, Weisman Art Museum, MN.
- 2005 Touch Me: Design & Sensation, Super Cilia Skin, Victoria & Albert Museum, UK.
The HOME House Project, Fab Tree Hab, The El Paso Museum of Art, TX.
Cradle to Cradle (C2C), MATscape, Art Museum of Western Virginia, Roanoke, VA.
- 2004 Smart City Cars in the 21st Century, GM & Frank Gehry, Wolk Gallery, MA.
Transportation Futuristics, Doe Library, University of California, Berkeley, CA.
The HOME House Project, Fab Tree Hab, The Contemporary Art Center of Virginia, VA.
University of North Texas Art Gallery at Denton, TX.
- 2003 Southeastern Center for Contemporary Art, Potter Gallery, NC.
PLAZmA, Infinite Corridor and Building 7 Dome, MIT, MA.
- 2002 Evolve New York, Alfred Lerner Hall, Columbia University, NY.
BAG Gallery, The School of the Museum of Fine Arts, MA.
- 2001 GSD World Trade Center and Year-End Exhibition, Harvard University, MA.
- 1999 Revitalization, Vanderbilt Hall, Grand Central Terminal, NY.
Glasgow 1999 UK City of Architecture & Design, UK.
- 1998 City Portrait, Kunstverein Museum, Hamburg, Germany.
Design Ideas for East River, Van Alen Institute, NY.
California College of Arts and Crafts, San Francisco, CA.
City Space and Globalization, Slusser Gallery, University of Michigan, MI.
- 1997 GSAPP Student Exhibition, Columbia University, NY.
- 1994 AIAS International Exhibit and Forum, Buffalo, NY and Toronto, CA.

GRANTS/ AWARDS/ HONORS (PRINCIPAL INVESTIGATOR/ LEAD DESIGNER)

- 2017 LafargeHolcim Prize, Acknowledgement Award for Sustainable Construction, N. America.
Intel Business, Grant for Dreamers and Disrupters, New York, NY.
Fast Company, World Changing Ideas Awards Finalist: Cricket Shelter, New York, NY.
RNR Foundation Inc. Grant, Terreform ONE Fellowship Program, New York, NY.
World Architecture News (WAN) Small Spaces Award, Finalist: Terreform ONE, NY.
NYU Teaching-with-Technology Grant, School of the Earth Project, New York, NY.
- 2016 Fulbright Scholarship, U.S. Specialist Program, Urban Planning, Turkey.
ARCHITECT R+D Award Winner, Terreform ONE, Cricket Shelter + Farm, NY.
American Architecture Prize, Honorable Mention, Cricket Shelter + Farm, NY.
Center for the Humanities, Research Collaboratives Grant, NYU, NY.
Inaugural NYCxDesign Award, Honoree, Terreform ONE, New York, NY.
DETAIL Prize, Nominated, Cricket Shelter + Farm, Munich, DE.
- 2015 International Architecture Awards (IAA), 1st Place Winner, Urban Design, NY.
Fifty Under Fifty: Innovators of the 21st Century, Images Publishing Group, AU.
NYU Gallatin Faculty Research Fellowship, New York, NY.
Spark Award Finalist, Mycoform Surface, Product Category, San Francisco, CA.
NYU Teaching-with-Technology Grant, Electronic Garden Project, New York, NY.
- 2014 Architizer A+ Popular Choice Award, Architecture + Communication, Bio City Map, NY.
BASF Corp. Co-Creation Commission, The Limitless Neighborhood Event, New York, NY.
- 2013 AIA New York Urban Design Merit Award, Resilient Waterfront Infrastructure, NY.
The New Institute (NAI), Project Commission, Rotterdam NL.
The Ontario College of Art and Design University (OCAD U), Art Commission, Toronto, ON.
- 2012 iGEM (International Genetically Engineered Machine), Bronze Medal, Gen2Seat, NYU.
Tri-State Open Science Challenge, Grant Award: Gen2Seat, Assay Depot, Genspace, NY.
Lanificio Factory HortoContest Competition Winners with OFL Architecture, Rome, IT.
BNY Visiting Artist, Brooklyn Navy Yard Center BLDG 92, Brooklyn, NY.
Global Research Initiatives Program, Grant support, NYU Office of the Provost, NY.
- 2011 Victor J. Papanek Foundation 1st Award, Angewandte, ACFNY, and MAD, New York, NY.
Azure AZ Award, Best Unrealized Concept Finalist: Urbaneering, Toronto, CA.
TED Senior Fellowship at TED2011 Conference, Long Beach CA.
ICIF Prize, Iakov Chernikhov International Foundation, Nominated.
Green Grant, NYU Office of Sustainability, NY.
- 2010 Zumtobel Group Award for Sustainability and Humanity, Winner, Bregenz, AT.
- 2009 TED Fellowship at TED2010 Conference, Long Beach, CA.
Rolling Stone Magazine, 100 People Who Are Changing America.
P.S.1 Contemporary Art Center: Young Architects Program (YAP), Nominated, NY.

- 2008 Wired Magazine, The 2008 Smart List.
Architecture for Humanity, Open Architecture Challenge, 5th Place, Washington University.
- 2007 Time Magazine, Best Invention of the Year 2007, Compacted Car, MIT Smart Cities Group.
Pamphlet Architecture 29, Honorable Mention, Princeton Architectural Press, NJ.
- 2006 History Channel: City of the Future, Infiniti Design Excellence Award, NY.
1st Place Award, Kendall Square Interactive Media Design Competition, Cambridge, MA.
eVolo 06 Skyscraper Architectural Competition Winners, NY.
- 2005 Top Nominated Design, INDEX: Award, DK.
Award Winner, Create a Gym Competition, New York Magazine, NY.
- 2003 Moshe Safdie and Associates Research Fellowship, MA.
Design Award Winner: SEECA The HOME House Project.
Possible Futures: Semifinalist, Biennial Miami + Beach, FL.
Chicago Institute for Architecture and Urbanism Award, Nominated, MIT, MA.
Martin Family Society of Fellows for Sustainability, LFEE, MIT, MA.
- 2002 Skidmore, Owings and Merrill Traveling Fellowship, Nominated, Harvard University, MA.
- 2001 Ecology in Design Prize, Harvard University, MA.
- 1998 2nd Place Award Union of International Architects (UIA).
Van Alen Institute, Honorable Mention, NY.
- 1997 Skidmore, Owings and Merrill Traveling Fellowship, Nominated, Columbia University, NY.
Honor Award for Excellence in Design, Columbia University, NY.
Lucille Lowenfish Memorial Prize Best Final Year Project, Columbia University, NY.
Kinne Traveling Fellowship, Columbia University, NY.
- 1994 SUNY at Buffalo Architecture Studio Excellence Award, NY.

INVITED LECTURES/ PRESENTATIONS/ PANELS

- 2018 Savannah College of Art and Design (SCAD), Lecture, Museum of Art, Savannah, GA.
NYU Urban Digital Humanities: Design and Sustainability, Speaker, New York, NY.
Delta Destination Tomorrow with TED, Speaker, Delta Flight Museum, Atlanta, GA.
Cyber Transform Symposium. Keynote, University of Houston, TX.
International Interior Design Association (IIDA), Keynote, Houston, TX,
NEXUS Global, Lab of Futurism, Speaker, Terreform ONE, New Lab, Brooklyn, NY.
- 2017 Seoul Biennale, Imminent Commons: The Debates Part I, New Lab, Brooklyn, NY.
Natural/ Designed Ecologies, Keynote, Kent State University, OH.
Terreform ONE, Lecture, University of South Florida, Tampa, FL.
Writing The Subway, Lecture, The School of The New York Times, New York, NY.
NYU Gallatin Climate Change Initiative Conference, Lecture, New York, NY.

- Intel SHIFT, Keynote, Skylight Studios, New York, NY.
DETAIL Congress: Transformation - Architecture in Change, Lecture, Frankfurt DE.
TED City of Tomorrow Symposium, London Symphony Orchestra, Lecture, London, UK.
TED City of Tomorrow Symposium, Aerocity, Lecture, Delhi, India.
Leadership Summit, Design and Innovation, Lecture, Design Futures Council, La Jolla, CA.
TED Ford, City of Tomorrow Symposium, Lecture, Auto Show, Detroit, MI.
Storefront for Art and Architecture Manifesto Series: At Extremes, Panel, New York, NY.
Climate Change Symposium, Panel, NYU Paris, FR.
Gesamtkunstwerk Arts Conference, Panel, NYU Berlin, DE.
Future of Food, Alchemist's Kitchen, Panel, New York, NY.
Smart Cities NYC, Fast Food: From Farm to Foodie, Duggal Greenhouse, New York, NY.
FURIOUS!, PechaKucha, Global Design NYU, NY.
Shukhov Lab, Laboratory for Experimental Urban Design, Lecture, Moscow, RU.
The Future of Wellness Forum, Roundtable, Steelcase, New York, NY.
NextGen Forum, Hospitality Design, Keynote, Washington, DC.
International Interior Design Association (IIDA), Keynote, Four Seasons, Atlanta, GA.
Biofabricate Summit, Speaker/ Workshop, New Lab, Brooklyn, NY.
- 2016
Biosmith: Insects to Fungi in Cities, Cornell University AAP, Lecture, New York, NY.
Future of Suburbia, MIT Center for Advanced Urbanism, Speaker, Cambridge, MA.
Bio-hacking and Urban Architecture, Rensselaer Polytechnic Institute, Lecture, Troy, NY.
Closed Worlds: Encounters That Never Happened, Storefront and The Cooper Union, NY.
Institute for the Future, The Futures Edge for Cities: 20 Year View, Ford Foundation, NY.
ENVISION: Nature and Design, PechaKucha, Global Design NYU, NY.
Norsk Hydro, Future of Aluminum Event, Keynote, Oslo, NO.
Greening Cities Outside the Central City, Urban Democracy Lab, Global Design NYU, NY.
Appleton Museum of Art, Bio Art and the City, Keynote, Ocala, FL.
NXP FTF Technology Forum, Keynote, Austin, TX.
Sustainability Summit, Earth Matters/ NYU Green, Keynote, New York, NY.
Will the Next Alexander McQueen Be a Biologist? BF+DA, Pratt Institute, Panel, NY.
New Lab, Innovators Inaugural Event, Lecture, Brooklyn, NY.
- 2015
United Nations, Innovative Disaster Risk Reduction, Speaker, UN Headquarters, NY.
Myles K. Thaler Memorial Lecture, University of Virginia, Charlottesville, VA.
The Bartlett, University College London, International Lecture Series, London, UK.
Institute for Advanced Architecture Catalonia (IaaC), Keynote, Barcelona, ES.
AIANY, The Edge of Practice, Speaker, Center for Architecture Seaport Culture District, NY.
Urban Places - Public Spaces, Goethe-Institut, Speaker, NY.
Shifting Perspectives, Eindhoven University of Technology (TU/e), Keynote, NL.

Disrupting Mobility Summit, MIT Media Lab, Speaker, Cambridge, MA.
The Atlantic LIVE, Framing the Future, Speaker, New York, NY.
Taliesin West, Frank Lloyd Wright School of Architecture, Speaker, Scottsdale, AZ.
NYU Gallatin Event, Faculty Reading, Global Design and Super Cells, NY.
The College Art Association, Towards a Better Future, Speaker, NY.
Nodes and Networks, School of the Visual Arts, Panel, NY.
Rubin Museum of Art, The Fountainhead film screening, Speaker, NY.
Wood At Work Conference, Bronx Zoo Great Hall, Panel, Bronx, NY.
Hopscotch Design Festival, Speaker, Raleigh, NC.
Lawrence Technological University, Lecture, Detroit, MI.
NYU Tisch, ITP, Hacker Village + Smart City + Urban Farm, Speaker, NY.
2014 The Esther Steinberg Memorial Lecture, Museum of Fine Arts, Boston, MA.
Aspen Ideas Festival, Post-Sustainability, Speaker, The Aspen Institute, CO.
ACSA, Administrators Conference, EXPANSE, Speaker, Philadelphia, PA.
Smart Living City, Jumeirah Emirates Tower, Speaker, Dubai, UAE.
National Academy Museum, CIVITAS, Transportation and 2nd Ave. Subway, Speaker, NY.
Visualized Conference, Speaker, The Times Center, NY.
Cities and Citizenship Conference, Co-organizer, GDNYU, Parsons, Goethe-Institut, NY.
Autodesk IDEAS: The Innovation + Design Series, Speaker, San Francisco, CA.
Harvard GSD, Projective Views on Urban Metabolism, Speaker, Cambridge, MA.
THNK, School of Creative Leadership, Lecture, Amsterdam, NL.
New York Ideas, The Atlantic LIVE, Speaker, New York, NY.
Weltstadt Conference, DAZ (German Architecture Center), Berlin, DE.
AIA Columbus, Speaker, Center for Architecture and Design, Columbus, OH.
The Building Information Centre (YEM) Keynote, Istanbul, TR.
Dwell on Design, Blank Space, Panel, New York, NY.
The Future of Design, Panel, Grimshaw Architects, New York, NY
Sustainable Building Summit, US Green Building Council, Keynote, Salt Lake City, UT.
DASA International Scenography Colloquium, Speaker, Dortmund, DE.
Southern Illinois University School of Architecture, Keynote, Carbondale, IL.
Post Carbon City, Organizer, TU Berlin, DE.
London Lime Wharf and Urbanista, Towards Metabolic Cities, Speaker, London, UK.
Center for Urban Science and Progress (CUSP), Big Cities, Big Data, Lecture, NYU, NY.
Interior Design Magazine, Future Green Hospitality Forum, Keynote, New York, NY.
Wilsonart Multi-City Cre8ivity Tour, Keynote, Chicago, IL.
Sustainable Energy + Design Conference, Center for Sustainable Energy, Panel, Bronx NY.

- Biofabricate Summit, Speaker/ Panel, Microsoft Technology Center, New York, NY.
The New York Times International Luxury Conference, Next Big Thing, Speaker, Miami, FL.
The Next Big Shift: Urbanism Redefined, Keynote, Monona Terrace, Madison, WI.
- 2013
Cornell University, Design for Biodiversity Symposium, Speaker, Ithaca, NY.
Strelka Institute for Media, Architecture and Design, Speaker, Moscow, RU.
University of Illinois at Urbana-Champaign, School of Architecture Lecture, IL.
DLD (Digital, Life, Design) Conference, Speaker, Munich, DE.
TEDxBerlin, City 2.0, Speaker, Berlin, DE.
Institute for Public Knowledge (IPK), Sandy, Climate Change and the Future of NYC, NY.
Engineering Sustainability, Keynote, Carnegie Mellon University, PA.
MoMA PS1, VW Dome 2, Rockaway Waterfront Alliance, Speaker, NY.
DESIGNCIRCUIT, CrisisAsCalling + CraftingDigitalCulture, Speaker, WeWork, NY.
Association of Professional Design Firms (APDF), Speaker, NY.
New Museum, Pitch the City, Speaker, Architizer/ Municipal Art Society of New York, NY.
Environmental Studies Program, Future of Ecological Cities, NYU, NY.
PechaKucha NYC Vol. 14, Makers and Shakers w/ Terreform ONE, Brooklyn NY.
The Organic City: Urbanism Redefined, Speaker, Rockford College, IL.
Reinventors, Reinvent Adaptive Cities with Alex Steffen, Panel, NY.
The Forum For Urban Design, Next New York, Panel, NY.
- 2012
Future Cities Event, 10 Downing Street, Speaker, London, UK.
Design Miami, Design Pioneer Talks with Vito Acconci, Miami FL.
Urban Planet: Emerging Ecologies, Speaker, The Cooper Union, NY.
Making Space Symposium, Panel, University Pennsylvania, Philadelphia, PA.
metaLAB at Harvard, Networks and Natures, Speaker, Harvard University, Cambridge, MA.
The Institute for Public Knowledge (IPK), City Talks, Speaker, NYU, NY.
Assemble, The Crafts Council Conference, RIBA, Speaker, London, UK.
DLDCities (Digital, Life, Design) Conference, Speaker, London, UK.
HEC School of Management, Sustainable Business Conference, Speaker, Paris, FR.
Dwell on Design, Radical Sustainability, Speaker, Los Angeles Convention Center, LA.
AIA New Jersey, East Coast Green Conference, Keynote, Lincroft, NJ.
Prototyping Futures, Piet Zwart Institute, Willem de Kooning Academy, Rotterdam, NL.
Chicago Ideas Week (CIW), Speaker, Chicago, IL.
I-Park symposium, Ephemeral Art and Architecture, East Haddam, CT.
Chicago River Summit, Friends of the Chicago River, Speaker, Chicago, IL.
Green Design as (Un)usual, Panel, Van Alen Institute, NY.
TED2012, Sustainable Energy, Panel, Long Beach, CA.
US Green Building Council, Growing Green Awards, Keynote, St. Louis, MO.

- 3RD Ward Education Center, Envisioning Ecological Cities, Speaker, Brooklyn, NY.
iGEM (International Genetically Engineered Machine), Regional Jamboree, Pittsburg, PA.
RAMPS, Dept. of Performance Studies, Speaker, Texas A&M, College Station, TX.
NDSU, Beaux Arts, Keynote, Fargo, ND.
- 2011 ONE Lab, NY School for Design Science, Speaker, Brooklyn, NY.
The Economist, Intelligent Infrastructure Conference, Speaker, New York, NY.
AIA Philadelphia, Annual Design on the Delaware Conference, Keynote, Philadelphia, PA.
TEDxTransmedia, Maxxi Museum of Contemporary Art, Speaker, Rome, IT.
School of Visual Arts, Embodied Fantasies Conference, Plenary Speaker, New York, NY.
Harvard University Real Estate Academic Initiative, Speaker, Cambridge, MA.
Commission on Sustainable Development, Panel, United Nations, New York, NY.
University of Michigan Penny W. Stamps Speaker Series, Ann Arbor, MI.
The Festival of Ideas for the New City, Workshop Session, New Museum, New York, NY.
Storefront for Art and Architecture, DRAW-THINK-TANK, New York, NY.
Rubin Pavilion Event, Brooklyn Museum, Speaker, Brooklyn, NY.
Forum on Future Cities, Speaker, MIT, Cambridge, MA.
Dwell Magazine, InMotion: Live, Drive, Innovate, La Venue, Panel, New York, NY
PICNIC Festival, Crystal Palace Workshop on Mycoform, Amsterdam, NL.
Influencer Conference (InfluencerCon), Panel Speaker, New York, NY.
Transhumanism Meets Design Conference, Parsons, Speaker, New York, NY.
Design School and Nanotechnology Center, Speaker, Arizona State University, Tempe, AZ.
NEAR (Network for Emerging Architectural Research) Conference, Pratt, Brooklyn, NY.
Edison Awards panel, New York Academy of Science, Speaker, New York, NY.
Summer of Architecture (Architektursommer), Panel Session, Staatstheater, Darmstadt, DE.
TED2011 Conference, Senior Fellow, Long Beach, CA.
TEDxGallatin Art+ Science, Gallatin, NYU, New York, NY.
TEDxColumbia Engineering School, Speaker, Columbia University, New York, NY.
Digital Art at Google, Google Inc., Speaker, New York, NY.
Living Cities: Vision and Method Colloquium, University of Waterloo, Cambridge, ON.
National Ideas Competition for Washington Monument Grounds, Juror, Washington, DC.
Eco-Redux, Manifesto Series 03, Storefront for Art and Architecture, New York, NY.
Galapagos Art Space, Speaker, Brooklyn, NY.
- 2010 TED2010 Conference, "Why Grow Homes?" Long Beach, CA.
TEDxBrooklyn, Pratt Institute, Brooklyn, NY.
USGBC Greenbuild International Conference and Expo, Master Speaker, Chicago, IL.
Future City Mobility and BioDesign, PICNIC conference, Amsterdam, NL.

Aspen Environment Forum Panel, Aspen Institute and National Geographic, Aspen, CO.
Mowing to Growing, American Society of Landscape Architects, Expo, Washington, DC.
AIA Hampton Roads Fall Forum, Keynote, Norfolk VA.

NEXT CITY: LMN Symposium, Keynote, University of Washington, Seattle, WA.

Department of Spatial and Sustainable Design, Technische Universität (TU), Vienna, AT.

Cabaret Series, Storefront for Art and Architecture, New York, NY.

The Plain Green Conference; Keynote, Sioux Falls, SD.

Sustainable Urbanism, Keynote, Lawrence Tech College of Architecture, Southfield, MI.

The Catholic University of America, School of Architecture and Planning, Washington DC.

Savannah College of Art and Design (SCAD), Lecture, Savannah, GA.

The Feast Conference, Speaker, The Times Center, New York, NY.

New Ecological Strategies Colloquium, Tulane School of Architecture, New Orleans, LA.

International Interior Design Association Forum, Speaker, New York, NY

Ecogram III, Africa, GSAPP, Columbia University, NY.

The European Graduate School (EGS), Saas-Fe, CH.

Future Carborexic Cities, University of Toronto School of Architecture, Toronto CA.

Between Paradigms, School of Visual Arts (SVA), New York, NY.

Arriscraft Lecture Series, University of Waterloo School of Architecture, Cambridge, ON.

2009

Ecological Urbanism Conference, Speaker, Harvard GSD, MA.

Ecogram II, Architecture for a Crowded Planet, GSAPP, Columbia University, NY.

Global Warning: Artists on Climate Change, Brooklyn Academy of Music (BAM), NY.

World Science Festival, Traffic: From Insects to Interstates and WALL-E's World, NYU, NY.

Future Cities by Massive Design, Maryland Institute College of Art (MICA), Baltimore, MD.

Plastic and Plasticity Symposium, SOA and Humanities Center, Syracuse University, NY.

The Public School, Telic Arts Exchange, Center for Architecture A.I.A. NY.

Energy and Sustainability, IGERT, University of Delaware Energy Institute, Newark, DE.

Student Climate and Conservation Conference (SC3), National Conservation Center, WV.

The Future City Beautiful, Keynote, Real Estate Expo, Denver CO.

The Forum for Clean Technology and Renewable Energies, NYC ACRE, NYU-Poly, NY.

Interactive Multimedia Culture (IMC) Exposition, Responsive City, Studio IMC, NY.

Iron Designer, with Studio X, Storefront, Raumlabor, and DUMBO Improvement District, NY.

The 4th Nordic Urban Design Conference in Norway, Bergen, NO.

Design Green Now, Pratt Institute, NY.

International Engineering Congress, Escuela de Ingeniería, Chihuahua, MX.

Science for Life, University of Winnipeg, CA.

Evolver Town Hall Event, Thrive NY, St. Marks Church, NY.

Brain Juicer Innovation Event, ScribeMedia, NY.

- 2008 New American Foundation, Wired magazine, Dear President X: Think Big, Washington DC.
Hearst Lecture Series, Cal Poly, San Luis Obispo, CA.
Czech Technical University (CTU), Prague, CZ.
The Visual Rhetoric of Environmentalism Panel, New Museum of Contemporary Art, NY.
Com:Plot (Action:Reaction), Foro de Arquitectura, Guadalajara, MX.
Ecogram I, The Sustainability Question, GSAPP, Columbia University, NY.
Walt Disney R&D, Glendale, CA.
World Science Festival, Future Cities: Sustainable Solutions, NY.
Universidad Francisco Marroquín (UFM), School of Architecture, Guatemala, GT.
Synergy Conference, The Evergreen State College, Olympia, WA.
High Gloss/ Social Conscience, The SCOPE Pavilion, Lincoln Center, NY.
Building Open Opportunity Structures Together (BOOST), Trenton, NJ.
Washington University Dean's Forum, Ecotransology, St. Louis, MO.
Urban Design Panel: Sustainable Cities, Columbia University, NY.
- 2007 Harvard University Center for the Environment Speaker Series, MA.
Storefront for Art and Architecture, NY.
Computation Group Lecture Series, MIT Dept. of Architecture, MA.
Boston Society of Architects, Urban Design Committee, Lecture, MA.
Architects League of Northern New Jersey, AIA Arthur Davis Lecture, NJ.
- 2006 AltWheels, Museum of Science, Boston, MA.
Auto-Free NY, Alliance for Downtown New York, NY.
- 2004 MIT Building Technology Program lecture series, MA.
Alliance for Global Sustainability, Chalmers University of Tech., Gothenburg, SE.
- 2003 Conference on Human Factors in Computing Systems (CHI), Miami, FL.
- 2002 Evolve New York Open Studio: Rebuilding Proposals, Columbia University, NY.
Towards Sustainability In The 21st Century, HUCE, Harvard University, MA.

BOOKS (CO-AUTHORED)

- 2016 Joachim, Mitchell and Michael Silver. *XXL-XS: New Directions in Ecological Design*, Actar Publishers.
- 2014 Anker, Peder, Harpman, Louise, and Mitchell Joachim. *Global Design: Elsewhere Envisioned*, Prestel/ Random House.
- Tandon, Nina and Mitchell Joachim. *Super Cells: Building with Biology*, TED Books, Amazon Kindle Edition.

BOOKS ON STUDENT WORK

- 2017 Anker, Peder and Mitchell Joachim (eds.) *School of the Earth: Gallatin Reimagined 2061*, CreateSpace/ NYU.
- 2015 Joachim, Mitchell, Fessel, Melanie and Nurhan Gokturk. *Ecotarium: Unlimited Lifecycle Design - Terreform ONE*, Melanie Fessel, Philip D. Plowright (eds.), CRITPraX Series, Moncaster Press.

MANUSCRIPTS OF BOOKS

- 2018 Joachim, Mitchell and Maria Aiolova. *Design with Life: Biotech Architecture and Resilient Cities*, Actar Publishers, *under contract*.
- Joachim, Mitchell, Fessel, Melanie and Anya Bokov. *Unlimited Pedagogy: New Experimental Spaces For Educating Designers*, *forthcoming*.

EDITED VOLUMES/ REFEREED JOURNALS/ CHAPTERS

- 2017 Joachim, Mitchell. "Rethinking Urban Utopias: A Manifesto for Self-Supported Infrastructure, Technology, and Territory," *Intelligent Infrastructure: Zipcars, Invisible Networks Urban Transformation*, T. F. Tierney (ed.) University of Virginia Press, cover image, pp. 159-172.
- Joachim, Mitchell and Christian Hubert. "The End of Waste? Towards A Socio-Ecological Commons," *Imminent Commons: Urban Questions for the Near Future: Seoul Biennale of Architecture and Urbanism*, Pai, Hyungmin and Alejandro Zaera-Polo (eds.), Actar Publishers, pp. 318-333.
- 2016 Joachim, Mitchell. "Bio City Map and Plug-In Ecology," *The Routledge Companion to Biology in Art and Architecture*, Charissa Terranova and Meredith Tromble (eds.), Routledge, pp. 177-187.
- Joachim, Mitchell and Scott Pobiner. "On Makerbots and Garden Plots Manufacturing and Innovation in 2020," *MISC*, Fall, pp. 106-109.
- Joachim, Mitchell. "Ten archetypes of nature in design," *Technoetic Arts Journal*, Intellect, Vol. 14 Issue 1-2, pp. 127-130.
- 2015 Joachim, Mitchell. "A Century of Ecological Innovation," *2050: Designing Our Tomorrow*, Chris Luebke (ed.), AD (Architectural Design), Wiley, July/Aug. No. 236, pp. 68-73, 135.
- 2014 Joachim, Mitchell. "City and Refuse: Self-reliant Systems and Urban Terrains," *Building from Waste Recovered Materials in Architecture and Construction*, Dirk E. Hebel, Marta H. Wisniewska, Felix Heisel (eds.), Birkhäuser, pp. 20-25, 164-165.
- Joachim, Mitchell. "Future ecological design as urbanneering: new positions on city-making without scale," *Low Carbon Cities: Transforming Urban Systems*, Steffen Lehmann (ed), Routledge, pp. 151-172.
- Joachim, Mitchell. "Hackerspace in Synthetic Biological Design," *The Idea of the Avant Garde - And What It Means Today*, Marc James Léger (ed.), Manchester University Press, pp. 160-162.

Joachim, Mitchell and Maria Aiolova. "The Heterodox Pedagogy: Hackerspaces and Collaborative Education in Design," *Arts, Research, Innovation and Society*, Gerald Bast, Elias G. Carayannis, David F.J. Campbell (eds.), Springer, pp. 137-154.

Joachim, Mitchell, "Promised Jet Packs," David Rowan (ed.), *Wired*, UK. p.112.

Joachim, Mitchell. "What if we could rebuild New York City?" Stephen Dowling (ed.) BBC FUTURE Series.

Hubert, Christian and Mitchell Joachim. "Futurists Propose Walking City of Configurable Housing Units," *Metropolis*, June.
<<http://www.metropolismag.com/Point-of-View/June-2014/>>

2013 Joachim, Mitchell. "Smart Trash: Transforming Waste Into Building Blocks of the Next City," *Unconventional Computing*, Rachel Armstrong, Simone Ferracina (eds.), ACADIA Riverside Architectural Press, pp. 66-71.

Joachim, Mitchell and Melanie Fessel. "Rethinking Urban Landscapes: Self-Supported Infrastructure, Technology and Territory," *Cities for Smart Environmental and Energy Futures: Impacts on Architecture and Technology*, Stamatina Th. Rassia, Panos M. Pardalos (eds.), Springer, pp 23-53.

Joachim, Mitchell, Maria Aiolova. "Terreform ONE, Regenerative Landscapes," *Regenerative Infrastructures: Freshkills Park NYC, Land Art Generator Initiative*, Caroline Klein, LAGI (eds.), Prestel, pp. 29-30, 42-45.

Joachim, Mitchell and Melanie Fessel. "Hackerspaces and the Act of Making," *Volume #35 Everything Under Control*, Brendan Cormier (ed.) pp. 132-5.

Joachim, Mitchell. "Extraterritorial Floating House," *GOOD*, Issue 030, Fall, pp. 60-61.

Joachim, Mitchell and Maria Aiolova. "Riparian Buffers Along Brooklyn Waterfront," *Next New York: A Sketchbook for the Future of the City*, Christopher Beardsley, Daniel McPhee (eds.), The Forum for Urban Design/ Village Print, pp. 52-53.

Joachim, Mitchell. "Envisioning Ecological Cities," *New Model Cities 02: Rebooting Urban Design Energy Economy Ecology*, Mojdeh Baratloo (ed.), Columbia University, pp. 117-124.

Joachim, Mitchell. "Terreform ONE," *Embodied Fantasies: From Awe to Artifice*, Suzanne Anker, Sabine Flach (eds.), Peter Lang AG, pp. 177-186.

Joachim, Mitchell. "Design with Ecology," *ReGeneration*, Steve Dietz, Eric Siegel, Amanda Parkes (eds.), New York Hall of Science, Meridian Press, p. 71.

Joachim, Mitchell. "Turning Waste into Building Blocks of the Future City," Stephen Dowling (ed.) BBC FUTURE Series.

2012 Joachim, Mitchell. "The Necessity of All Scales: Planetary Design in the Age of Globality," *Ecological Urban Architecture*, Thomas Schroepfer (ed.), Birkhäuser, pp. 174-184.

Joachim, Mitchell. "Envisioning Ecological Cities; Rapid Re(f)use, One Hour Tower, Homeway," *Sustainable Urbanism and Beyond: Rethinking Cities for the Future*, Tigran Haas (ed.), Rizzoli, pp. 240-245.

- Joachim, Mitchell and Maria Aiolova. "Design as a Resource for All Recourses," *Futuristic: Visions of Future Living*, Caroline Klein, Stefanie Lieb (ed.), DAAB, pp. 242-249.
- Joachim, Mitchell. "Urbaneering," *The WIRED World in 2013*, David Baker (ed.), *Wired UK Special Edition*, Nov. pp. 89-90.
- Joachim, Mitchell. "The Art of Cities," *City Vision*, Francesco Lipari, Federico Giacomarra (ed.), issue #7, autumn/winter, pp. 64-71.
- Joachim, Mitchell and Melanie Fessel. "Rethinking Urban Landscapes: Self-Supported Infrastructure, Technology, and Territory," *There's a Future: Visions for a Better World*, Francisco González (ed.), BBVA Publication, pp. 249-275.
- 2011
- Joachim, Mitchell. "Prescience," *Conditions*, Nov. Issue #9, pp. 62-67.
- Joachim, Mitchell. "The Urbaneers," *Design Mind*, Bruno Giussani (ed.), Frog, pp. 16-17.
- Joachim, Mitchell and Maria Aiolova. "Brooklyn Urbaneering," *Design for the Real World REDUX*, University of Applied Arts, Vienna, pp. 26-31.
- Joachim, Mitchell and Neri Oxman. "PeristalCity," *Evolvo Skyscrapers*, Carlo Aiello (ed.) eVolo, pp. 622-625.
- 2010
- Joachim, Mitchell. "Envisioning Ecological Cities," *Ecological Urbanism*, Mohsen Mostafavi and Gareth Doherty (ed.), Harvard University GSD, Lars Muller Publishers, pp. 224-29.
- Joachim, Mitchell and Thomas Lovejoy. "Smarter Infrastructure," *Science is Culture: Conversations at the New Intersection of Science + Culture*, Adam Bly (ed.), Harper Perennial, pp. 329-343.
- Joachim, Mitchell. "Urbaneering Brooklyn, NY 2110: The Sci-Fi based Solution to Climate Change," *Topos*, Vol. 73. p. 88-92.
- Joachim, Mitchell. "Rapid Re(f)use: 3-D Fabricated Positive Waste Ecologies," *Eco-Redux, Architectural Design (AD)*, Lydia Kallipolliti (ed.), Wiley, Vol. 80, Issue 6, Nov/Dec. pp. 122-129.
- Joachim, Mitchell. "Terreform ONE," *Contemporary Digital Architecture: Design and Techniques*, Dimitris Kottas (ed.), Links International.
- Joachim, Mitchell. "Terreform ONE," *Future of the Future*, Jaroslav Andel (ed.) Center for Contemporary Art, DOX, Prague, CZ.
- Joachim, Mitchell and Ioanna Theocharopoulou. "Ecogram," *The Studio-X NY Guide to Liberating New Forms of Conversation*, Gavin Browning (ed.), GSAPP Books.
- Joachim, Mitchell. "Pre-Source: Design as a Resource for all Resources", *Kerb Journal*, Ben Kazacos (ed.), RMIT, BPA Books, pp. 88-91.
- 2009
- Joachim, Mitchell. "Agora: Dreams and Visions," *l'Arca*, N° 246, Apr. pp. 4- 11.
- Joachim, Mitchell. "Terrefuge," *Architecture of Change 2: Sustainability and Humanity in the Built Environment*, K. Feireiss, and L. Feireiss (ed.), Gestalten, Berlin.
- Joachim, Mitchell. "Housing for the 21st Century; Urban Refuse, Housing & Wall-E," *eVolo magazine*, issue 01, Fall, pp. 62-63.

- 2008 Joachim, Mitchell and Hayes Raffle, James Tichenor. "Super Cilia Skin," *Transmaterial 2*, Blaine Brownell (ed.), Princeton Architectural Press.
- Joachim, Mitchell and Melanie Fessel. "Profusion of Invention," *Bauwelt*, May 9.
- 2007 Joachim, Mitchell and M. Sorkin. "Go Figure Somerville," *EDGE as CENTER; Envisioning the Post-Industrial Landscape*, Anya Bokov (ed.), City of Somerville, MA.
- 2006 Joachim, Mitchell and Ryan Chin, Patrik Künzler, William Lark, Smart Cities Group MIT. "City Car: A New Design Approach Enabling Urban Mobility," *Convergence*, Society of Automotive Engineers (SAE).
- Joachim, Mitchell and Axel Kilian, Patrik Künzler, Peter Schmidt. "Development of an Articulated Vehicle Chassis the H-type," *Game Set and Match II*, Kas Oosterhuis and Lukas Feireiss (ed.), Episode publishers.
- Joachim, Mitchell and Douglas Joachim, Neri Oxman. "PeristalCity," and "RiverGyms," *Thresholds Journal #32 Access*, Pamela Karimi (ed.), MIT.
- 2005 Joachim, Mitchell and Javier Arbona, Lara Greden. "Nature's Home," *306090 08: Autonomous Urbanism*, Kjersti Monson and Alex Duval (eds.), NY: Princeton Architectural Press.
- Joachim, Mitchell and Javier Arbona, Lara Greden. "Fab Tree Hab," *VISION*, World Student Community for Sustainable Development (WSC-SD) Journal, Apr. 25.
- 2003 Joachim, Mitchell. "Fab Tree Hab," *Thresholds Journal #26 Denatured*, MIT.
- Joachim, Mitchell and Hayes Raffle, James Tichenor. "Super Cilia Skin," *Human-Computer Interaction*, CHI Extended Abstracts, ACM.
- Joachim, Mitchell. *2002-2003 form*Z Joint Study Report*, auto*des*sys, INC.

PUBLICATIONS OF DESIGN WORKS

- 2017 Silvia Botti, Fabrizio Gallanti. "Editorial," and "Nuovi ibridi/ New Hybrids," *Abitare*, No. 567, Sept. pp. 17, 38-47.
- Cureton, Paul. "Urbaneeering and Future North, Terreform ONE," *Strategies for Landscape Representation Digital and Analogue Techniques*, Routledge, pp. 176-7, 234.
- Margolis, Jonathan. "Inside New Lab: the heart of Brooklyn's tech revolution," *The Financial Times*, Jan. 17.
- Paura, Angelo. "rifugi post-apocalittici, Terreform ONE," (post-apocalyptic shelters), *pagina99*. April pp. 17.
- Jacobs, Neil. "Changemakers, The Experimentalist," *Hospitality Design*, Nov. Vol.39 No. 10 pp.126-127.
- 2016 Lau, Wanda. "10th Annual R+D Awards, Winner: Terreform ONE," *ARCHITECT*, Vol. 105, No. 7, Jul. pp. 110-115, 143.

Corcoran, Heather. "Mushrooms: Building Blocks of the Future? Terreform ONE Mycoform Chair," *Dwell*, Jul/Aug. p.48.

Anzalone, Phillip and Jeff Pastva. "Terreform ONE'S Cricket Shelter and Farm," *Connection*, AIA Young Architects Forum, Dec. Vol. 14. Issue 06, pp.32-35.

Lorraine Johnson, "Comfort Food, Terreform ONE," *Azure*, Vol. 249, Jul/Aug. p. 122.

Zaera-Polo, Alejandro and Guillermo Fernandez Abascal. "Well Into the 21st Century The Architectures of Post-Capitalism?," *El Croquis*, N.187.

Wallis, Oliver Franklin. "Snack Shack," *Wired*, UK, Nov. p. 93.

Post, Annouk. "Fab Tree Hab, Terreform ONE," *Ontdekkingsreis naar een duurzame wereld* (Discovery for a sustainable world), ArtEZ Press, pp. 195-6, 209.

Volner, Ian. "Renaissance Plan," *Surface*, Nov. Issue 133.

Hurley, Amanda Kolson. "MIT on the Future of Suburbia, Terreform ONE Cricket Farm," *ARCHITECT*, Vol. 105 No. 5, May p. 182.

Gollayan, Christian. "Bug Out Cricket Shelter," *New York Post*, Jul. 23.

Anderson, Darran. "Story of cities #future: what will our growing megacities really look like?" *The Guardian*, UK, May 26.

Zuckerman, Catherine. "Urban Planting," *National Geographic*, Vol. 229, No. 6, Jun. pp. 22-23.

Gutierrez, Isabel. "Plug-In Ecology," *Pasajes Arquitectura*, No. 139 pp. 52-53.

Isenbort, Gregor (ed). "Bio City Map of 11 Billion," *Szenografie in Ausstellungen und Museen VII*. Klartext Verlag, pp. 126-133.

Schick, Elisabeth (ed.). "The Bio City Map," *150 Years of BASF 150 Moments*, BASF SE/ Hoffmann und Campe Publishing.

2015

Kushner, Marc. "In Vitro Meat Habitat," *The Future of Architecture in 100 Buildings*, TED Books/ Simon & Schuster, p. 145.

Russell, Beverly, Eva, Maddox and Farooq Ameen (eds). "Mitchell Joachim, Terreform ONE," *Fifty Under Fifty: Innovators of the 21st Century*, Images Publishing, pp. 220-225.

Ingram, Tracey. "Material Futures, Terreform ONE Mycoform Surface," *Frame Publishers*, #107 Nov/Dec, pp. 168-69.

Dunne, Carey. "Inside New Lab: How the Brooklyn Navy Yard's Innovation Hub Is Shaping the Future," *Brooklyn* magazine, Oct. pp. 34-36.

Samuels, Alana. "How to Stop Humans From Filling the World With Trash; Skyscrapers Made of Garbage," *The Atlantic*, Jul/Aug.

Dunn, Nick, Cureton, Paul and Serena Pollastri. "Smart City Terreform ONE, Urbanneering Red Hook Brooklyn and Governors Island," *UK Government Office for Science*, Crown, London, pp. 9, 64, 73.

- 2014
- Jongh, Karlyn De. "Terreform ONE," *Time Space Existence: Made in Europe, La Biennale di Venezia*, Global Art Affairs Foundation, pp. 316-317.
- Mann, Danielle. "New American Success Stories: Mitchell Joachim" *Car and Driver Magazine*, Vol. 60, No. 4, p. 60.
- Zahringer, Lauren. "Design Frontiers: Bio-Art and The Bio City Map," *Whitewall*, summer issue pp.64-65.
- Simitch, Andrea and Val Warke. "Rapid Re(f)use, Terreform ONE," *The Language of Architecture: 26 Principles Every Architect Should Know*, Rockport Publishers, p. 63.
- Saraiva, Céline and Philippe Trétiack. "Green Brain: A Smart Park for a New City," *Beaux Arts*, n°356 p. 47.
- Plowright, Philip. "Blimp Bumper Buses and MATscape, Terreform ONE," *Revealing Architectural Design: Methods, Frameworks and Tools*, Routledge, pp. 102-105.
- Frank, Rachel E. *Future Tech Right Now*, HowStuffWorks/ Sourcebooks, pp. 138, 246.
- Salazar, Christian. "Brooklyn Tech Triangle is center of booming New York industry," *AM New York*, Nov. 17, pp. 4-5.
- Sabir, Beste. "Terreform ONE, Mitchell Joachim," *XXI Mimarlık Tasarım*, April, pp. 6-7.
- Lechner, Marie. "Micro Macro, world under the microscope," *Libération*, March 27, pp 22-23.
- Claude, Carine. "Festivals VIA-EXIT 2014, release the pixell!," *Poptronics*, March 27.
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- 2013
- Lasky, Julie. The Beauty of Bacteria, *The New York Times*, pp. D1, D7, Thur. Jan. 17.
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- Jackson, Jesse C., Davila, Patricio and Roderick Grant (eds.). "Terreform ONE," *Urban Ecologies 2013*, OCAD University Press.
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- Reyes, Sandra. "Mitchell Joachim," *Código Magazine*, Feb.-Mar. #73, pp. 78-81.
- Bachelier, Murielle. "Green Touch; Une maison vivante," *A Nous Paris*, No. 601, April, cover, p.9.
- Stanzl, Eva. "Dein Zuhause als Organismus," *Wiener Zeitung*, Vienna, No. 15, Feb 26, cover, pp. 11-12.
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- 2012 Myers, William (ed.). *Bio Design: Nature + Science + Creativity*, Thames & Hudson, The Museum of Modern Art, pp. 10, 58-61.
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SERVICE TO THE PROFESSION

- 2018 Building for a Billion, Housing for India, Competition, Juror.
Blank Space, Fairy Tales 5th Annual Architecture Storytelling Competition, Juror.
- 2017 A+ Awards, Architizer, Home Category, Competition, Juror.
YouFab Global Creative Awards, Kyoto, Japan, Competition, Juror.
- 2016 IaaC and Fab Lab Barcelona, 6th Advanced Architecture Contest, Juror.
The Biodesign Challenge (BDC), Team Leader.
A+ Awards, Architizer, Materials Category, Competition, Juror.
- 2015 Storefront for Art and Architecture, Closed Worlds Competition, Juror.

- VMODERN: Furniture Design Competition, eVolo magazine, Juror.
- 2014 AIA Georgia Design Awards, Juror.
Singapore Bamboo Skyscraper Competition, Juror.
Blank Space, Architecture Storytelling Competition, Juror.
AIA Columbus, EMERGENCY! Design for Stressed Futures, Competition, Lead Juror.
Smart Dock, ONE Prize Competition, Co-Director.
A+ Awards, Architizer, Plus Category, Competition, Juror.
- 2013 A+ Awards, Architizer, Typology Category, Competition, Juror.
Vertical Cities Asia International Competition, National University of Singapore, Juror.
Stormproof, ONE Prize Competition, Co-Director.
- 2012 New York CityVision, Competition, Juror.
Transiting Cities - Low Carbon Futures Competition, Juror.
Land Art Generator Initiative (LAGI) Design Competition, Juror.
Blight to Might, ONE Prize Competition, Co-Director.
Future Cities, ONE Lab at The NY School of Design and Science, Co-Chair.
- 2011 National Ideas Competition for the Washington Monument Grounds, Juror.
Architecture for Humanity, Safe Trestles Competition, Juror.
The Sukkah City STL Design Competition, Juror.
SUPERFRONT Public Summer Competition, Juror.
eVolo Skyscraper Competition, Juror.
Water as the 6th Borough, ONE Prize Competition, Co-Director.
Bio Design, ONE Lab at The NY School of Design and Science, Co-Chair.
- 2010 Buckminster Fuller Challenge, Juror.
SHIFTboston Ideas Competition, Juror.
eVolo Skyscraper Competition, Juror.
Mowing to Growing, ONE Prize Competition, Co-Director.
- 2009 d3 Natural Systems Competition, Juror.
eVolo Skyscraper Competition, Juror.
TerreFarm, Design and Grow, Summer Lab, Co-Chair.
- 2008 eVolo Skyscraper Competition, Juror.

SERVICE TO NEW YORK UNIVERSITY

- 2017- present Faculty Senators Council (C-FSC), University Senator.
- 2013- present Faculty Committee on the Future of Technology-Enhanced Education.
- 2011- present Gallatin Faculty Technology Committee, Co-Chair.
- 2011- present Horn Family Environmental Studies Resource Fund, Chair.

- 2010- present Global Design NYU Working Group, Co-Director.
- 2010- present Gallatin Greening Committee.
- 2016- 17 Maker Space Operations Committee, Tandon School of Engineering.
- 2012-14 Marron Institute on Cities and the Urban Environment, Affiliated Faculty.
- 2011-12 Global Gallatin Prague, Committee.
- 2010-16 Gallatin Greening Committee.
- 2010-15 Community Learning Initiative.
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FILM/ MEDIA OF DESIGN WORKS

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- 2014 "Human Ignition," feature film, Mario Andretti, Harald Belker, Burn Media.
Vice Media, Upwardly Mobile with AT&T at Terreform ONE, Nina Horowitz.
Fox 5 News, "The Big Idea: Terreform ONE The Living House," Sharon Crowley.
- 2013 Arte TV, "Growing Architecture," Justine Gourichon and Sophie Peyrard
BBC, "The thinking, Breathing Buildings on the Horizon," Philip Beesley, Stephen Dowling.
Cool Hunting "Rough Cut: DJ Spooky at the Met," Gaspard Nemeč.
- 2012 WPR, (Wisconsin Public Radio), Veronica Rueckert Show, Marika Suval.
WNET, Thirteen, "Renaissance at the Brooklyn Navy Yard," Georgia Kral.
- 2011 Vice Media and Motherboard TV: "The Living House," Jedd Thomas, Alex Pasternack.
Heritage Radio Network: "Burning Down the House," Curtis B. Wayne.
- 2010 Discovery Channel: "Daily Planet," Ziya Tong, CTV.
MPR, (Minnesota Public Radio), "Greening Urban Architecture," Marianne Combs.
WTIC 1080, A Healthy Home/Healthy Planet Radio Show, Greener Living with Dr. G.
- 2009 Comedy Central: "The Colbert Report: Mitchell Joachim," Stephen Colbert.
CNBC: The Business of Innovation, "Reshaping Cities," Maria Bartiromo.
Honda: "DREAM THE IMPOSSIBLE: Mobility 2088," Derek Cianfrance.

- Big Think, Interview, New York, NY.
CBC Radio Winnipeg, John Sadoway.
BrightTALK: The Carborexic City, webcast lecture, NY.
- 2008
Discovery Channel: "NextWorld," Rob Cohen.
NHPR, Word of Mouth, "Redesigning Cities for the Future," Virginia Prescott.
Earth & Sky, "Recipe for a Sustainable City," Jeremy Shere.
PBS: "Special on Future NYC," Zero Point Zero Production.
- 2007
Sundance Channel: "The Green, Big Ideas for a Small Planet," Episode, Build.
Discovery Channel: "Future Car," Episodes – Extremes, Body, and Brain.
The Hour on CBC, Hilary Doyle.
Home and Garden TV: "Extreme Living," Episode, Fab Tree Hab.
CTV: Canada AM today, Fab Tree Hab.
CKNW Radio: "Nightline BC with Michael Smyth".
Institute without Boundaries: "World House Project," Episode 1, Fab Tree Hab.
Z95 Radio: "Nat and Drew in the Morning".
- 2006
VOOM HD Networks, Gallery HDTV: "Artland: USA," Illuminations Media.
BBC Television Documentary: "Future of Architecture," Dan Cruickshank.

MEMBERSHIPS/ PROFESSIONAL ORGANIZATIONS

- American Institute of Architects, Associate Member.
The Nature Conservancy.
Storefront for Art and Architecture.
Open Building Institute.
The Forum for Urban Design.
Genspace.
Biotech Without Borders.
The Metropolitan Exchange.
New Lab, Brooklyn Navy Yard.
The Museum of Modern Art.