Neri Oxman

Curriculum Vitae

	Start	End
Founder & CEO *OXMAN, New York, NY*	2020	present
Academic Experience		
Associate Professor of Media Arts & Sciences with Tenure *Massachusetts Institute of Technology (MIT)*	2017	2020
Associate Professor of Media Arts & Sciences (Tenure track) *Massachusetts Institute of Technology (MIT)*	2014	2017
Assistant Professor of Media Arts & Sciences *Massachusetts Institute of Technology (MIT)*	2010	2014
PhD Candidate and Presidential Fellow *Massachusetts Institute of Technology (MIT)*	2005	2010
Other Experience		
Architect, & Parametric Design Workshop Instructor *Kohn Pedersen Fox Associates, London, UK*	2004	2005
Research Assistant; Regulation of Synaptic Transmission; Supervisor: Prof. Rami Rahamimoff *Hadassah Medical School, The Hebrew University, Jerusalem, Israel*	1997	1999
First Lieutenant, Israeli Air Force, Israel	1994	1996
Education		
PhD, Massachusetts Institute of Technology, Cambridge, MA, USA *Thesis: Material-Based Design Computation*	2005	2010
AA Dipl., Architectural Association School of Architecture, London, UK	2002	2004
Technion Israel Institute of Technology, Israel	1999	2002
Hebrew University of Jerusalem, Israel	1996	1999
Professional Registration		
ARB/RIBA Part 2 (Royal Institute of British Architects)		
Registered Architect, Israel, No. 119170		

Significant Awards and Honors

2021 Honorary Royal Designer for Industry, Royal Society for Arts, Manufactures, and Commerce Design
2018 Innovation Medal, London Design Festival
2018 National Design Award, Cooper Hewitt, Smithsonian Design Museum
2017 Committed to Caring Award, Office of the Dean for Graduate Education, MIT (format)
2016 100 Global Minds: The Most Daring Cross-Disciplinary Thinkers in the World
2016 Collier Medal, MIT
2014 Pride of America, Carnegie Corporation
2014 Women in Design Award of Excellence, Boston Society of Architects / AIA
2014 Vilcek Prize for Design, Vilcek Foundation

All Awards and Honors

** Indicates Group recognition as part of The Mediated Matter Group*

2021 Honorary Royal Designer for Industry, Royal Society for Arts, Manufactures, and Commerce
2020 Index Awards, General Excellence: Finalist, Fast Company (Totems)*
2020 Innovation by Design Awards, Experimental: Finalist, Fast Company (Totems) *
2020 Innovation by Design Awards, Experimental: Finalist, Fast Company (Silk II) *
2020 Innovation by Design Awards, Sustainability: Finalist, Fast Company (Aguahoja II) *
2020 World Changing Ideas Awards, Best Idea NA: Hon. Mention, Fast Company (Aguahoja) *
2020 World Changing Ideas Awards, Art & Design: Winner, Fast Company (Aguahoja) *
2020 World Changing Ideas Awards, Art & Design: Finalist, Fast Company (Totems) *
2019 Makers + Mavericks 2019, Hiut Denim Co
2019 Design Project of the Year, Dezeen (Aguahoja I) *
2019 Sustainable Design of the Year, Dezeen (Aguahoja I) *
2019 Honorary Fellowship, Royal Institute of British Architects
2019 Contemporary Vision Award, San Francisco Museum of Modern Art
2018 Top 100 People Positively Influencing Jewish Life, The Algemeiner
2018 Design Innovation Medal, London Design Festival
2018 National Design Award, Interaction, Cooper Hewitt, Smithsonian Design Museum
2018 Young Potential Best Paper Award, Rob|Arch (Fiberbots) *
2017 Projection on Grand Central Station, NY, GE Balance the Equation Campaign
2017 Visionary Awards, Silicon Valley Forum
2017 Committed to Caring Award, Office of the Dean for Graduate Education, MIT
2016 STARTS Prize: Honorary Mention, European Commission (Water-Based Digital Fabrication) *
2016 100 Global Minds: The Most Daring Cross-Disciplinary Thinkers in the World
2016 Collier Medal, MIT
2016 Women at the Forefront of Design, Israel: First Prize
2015 Emerging Voices Award: First Prize, The Architectural League of New York
2015 Interior Contract Award: Special Mention, Zimmer + Rohde, AIT (Silk Pavilion I) *
2015 On Cue Tribute for Excellence in Design, Cue Ball
2015 Innovation by Design Award, Fashion, Fast Company (Wanderers) *
2014 Women in Design Award of Excellence, Boston Society of Architects / AIA
2014 Pride of America, Carnegie Corporation
2014 Vilcek Prize for Design, Vilcek Foundation

2013 Senior Fellow Award, Design Futures Council
2013 Computation and Performance: Best Presentation Award, eCAADe
2012 40 Under 40, Building Design + Construction
2010 World Technology Award, Design: Finalist, The World Technology Network
2010 10 Most Creative Women in Business, Fast Company
2010 20 Most Influential Designers and Architects to Shape Our Future, Icon 20/20, ICON
2009 100 Most Creative People, Fast Company
2009 Next Generation Award, Metropolis Best and Brightest, Esquire
2009 The Earth Award for Future Crucial Design, ecoStyle Project
2008 Next Generation Award for Sustainable Construction, Holcim Foundation
2008 Carter Manny Award, Graham Foundation
2008 Revolutionary Mind, SEED
2008 MIT Council for the Arts Award, MIT
2008 Iakov Chernikhov International Prize: Honorable Mention, ICIF
2007 MIT Dean's Grant, MIT
2007 MIT Director's Grant, MIT
2007 Harold Horowitz (1951) Research Award, MIT
2007 Harold & Arlene Schnitzer Prize in the Visual Arts: Second Prize, MIT
2007 Young CAADRIA Award for Best Paper, CAADRIA
2007 Pamphlet Architecture 29: Honorable Mention, Princeton Architectural Press
2006 FEIDAD Design Top 30 Award, FEIDAD
2006 America-Israel Cultural Foundation Award, AICF
2006 Kendall Square Interactive Media Design Award
2006 Skyscraper Award, eVolo
2005 America-Israel Cultural Foundation Award, AICF
2005 Presidential Fellowship Award for Doctoral Studies, MIT
2004 FEIDAD Design Merit Award, FEIDAD
2004 Best Graduate Project of the Year, ArchiPrix International
2004 Bentley Scholarship Award, Smart Geometry Workshop
2004 Ian Davidson Future Practice Prize, Architectural Association
2003 Eileen Gray Scholarship Award, Architectural Association
2003 Howard Colls Studentship Award, Architectural Association
2002 Eileen Gray Scholarship Award, Architectural Association
2001 President's Honors List, Technion Israel Institute of Technology
2001 Architectural Design Award of Excellence, Organization of United Architects in Israel
2000 President's Honors List, Technion Israel Institute of Technology
1999 Student Prize for Excellence, Technion Israel Institute of Technology (1999–2002)
1999 President's Honors List, Technion Israel Institute of Technology

Patents *Issued Patents*

1. Van Zak, J., Duro-Royo, J., Ling, A. S., Tai, Y., Hogan, N., Darweesh, B., Kennedy, J., & **Oxman, N.** (2021). Methods and apparatus for parametric fabrication. *U.S. Patent 11,179,878 B2 (MIT 20263T)*, issued November 23, 2021. https://patents.google.com/patent/US11179878B2/en

2. Kayser, M., Cai, L., Inglessis, N., Falcone, S., & **Oxman, N.** (2020). Methods and apparatus for tube fabrication. *U.S. Patent 10,870,200 B2 (MIT 20260T)*, issued December 22, 2020. https://patents.google.com/patent/US10870200B2/en

3. Duro-Royo, J., Mogas-Soldevila, L., & **Oxman, N.** (2020). Methods and apparatus for additive manufacturing along user-specified toolpaths. *U.S. Patent 10,737,441 (MIT 17388T CIP1)*, issued August 11, 2020. https://patents.google.com/patent/US10737441B2/en

4. Inamura, C., Lizardo, D., Stern, M., Houk, P., Achituv, T., & **Oxman, N.** (2019). Methods and apparatus for additive manufacturing with molten glass. *U.S. Patent 10,464,305 B2 (MIT 18655T C1)*, issued November 5, 2019. https://patents.google.com/patent/US10464305B2/en

5. Peters, B., & **Oxman, N.** (2019). Methods and apparatus for actuated fabricator. *U.S. Patent 10,391,550 B2 (MIT 15533T C2)*, issued August 27, 2019. https://patents.google.com/patent/US10391550B2/en

6. Duro-Royo, J., Mogas-Soldevila, L., & **Oxman, N.** (2019). Methods and apparatus for additive manufacturing along user-specified toolpaths. *U.S. Patent 10,286,606 B2 (MIT 17388T)*, issued May 14, 2019. https://patents.google.com/patent/US10286606B2/en

7. Klein, J., Franchin, G., Stern, M., Kayser, M., Inamura, C., Dave, S., **Oxman, N.,** & Houk, P. (2019). Methods and apparatus for additive manufacturing of glass. *U.S. Patent 10,266,442 (MIT 17063TK C2)*, issued April 23, 2019. https://patents.google.com/patent/US10266442B2

8. Bader, C., Kolb, D., Weaver, J., & **Oxman, N.** (2019). Methods and apparatus for 3D printing of point cloud data. *U.S. Patent 10,259,164 (MIT 18871JT)*, issued April 16, 2019. https://patents.google.com/patent/US10259164B2/en

9. Keating, S., & **Oxman, N.** (2019). Methods and Apparatus for computer-assisted spray foam fabrication. *U.S. Patent 10,189,187 B2 (MIT 15527T C1)*, issued January 29, 2019. https://patents.google.com/patent/US10189187B2/en

10. Peters, B., & **Oxman, N.** (2019). Methods and apparatus for actuated fabricator. *U.S. Patent 10,189,076 B2 (MIT 15533T C1)*, issued January 29, 2019. https://patents.google.com/patent/US10189076B2/en

11. Inamura, C., Lizardo, D., Stern, M., Houk, P., Achituv, T., & **Oxman, N.** (2018). Methods and apparatus for additive manufacturing with molten glass. *U.S. Patent 9,919,510 B2 (MIT 18655T)*, issued March 20, 2018. https://patents.google.com/patent/US9919510B2/en

12. Klein, J., Franchin, G., Stern, M., Kayser, M., Inamura, C., Dave, S., **Oxman, N.,** & Houk, P. (2018). Methods and apparatus for additive manufacturing of glass. *U.S. Patent 9,896,368 B2 (MIT 17063TK C1)*, issued February 20, 2018. https://patents.google.com/patent/US9896368B2/en

13. Peters, B., & **Oxman, N.** (2017). Methods and apparatus for actuated fabricator. *U.S. Patent 9,764,378 B2 (MIT 15533T)*, issued September 19, 2017. https://patents.google.com/patent/US9764378B2/en

14. Keating, S., & **Oxman, N.** (2017). Jamming methods and apparatus. *U.S. Patent 9,764,220 B2 (MIT 14894T)*, issued September 17, 2017. https://patents.google.com/patent/US9764220B2/en

15. Keating, S., & **Oxman, N.** (2017). Methods and apparatus for computer-assisted spray foam fabrication. *U.S. Patent 9,566,742 B2 (MIT 15527T)*, issued February 14, 2017. https://patents.google.com/patent/US9566742B2/en

Publications

** Indicates outgrowth of supervised thesis*

Papers in Refereed Journals

1. Bader, C., Costa, J., Lee, N., Smith, R., Ri, R., Weaver, J. C., & **Oxman, N.** (2022). Computational methods for the characterization of *Apis mellifera* comb architecture. *Communications Biology*, *5*(1), 468. https://doi.org/10.1038/s42003-022-03328-6

2. Smith, R. S. H., Kraemer, F., Bader, C., Smith, M., Weber, A., Simone-Finstrom, M., Wilson-Rich, N., & **Oxman, N.** (2021). A rapid fabrication methodology for payload modules, piloted for the observation of queen honey bees (*Apis mellifera*) in microgravity. *Gravitational and Space Research*, *9*(1), 104–114. https://doi.org/10.2478/gsr-2021-0008 *

3. Lee, N. A., Weber, R. E., Kennedy, J. H., Van Zak, J. J., Smith, M., Duro-Royo, J., & **Oxman, N.** (2020). Sequential multimaterial additive manufacturing of functionally graded biopolymer composites. *3D Printing and Additive Manufacturing*, *7*(5), 205–215. [Featured on cover] *

4. Weber, R., Reinhart, C., & **Oxman, N.** (2020). Photon mapping of geometrically complex glass structures: Methods and experimental evaluation. *Building and Environment*, *180*, 106957. https://doi.org/10.1016/j.buildenv.2020.106957 *

5. Smith, R. S. H., Bader, C., Sharma, S., Kolb, D., Tang, T.-C., Hosny, A., Moser, F., Weaver, J. C., Voigt, C. A., & **Oxman, N.** (2020). Hybrid Living Materials: Digital design and fabrication of 3D multimaterial structures with programmable biohybrid surfaces. *Advanced Functional Materials*, *30*(7), 1907401. https://doi.org/10.1002/adfm.201907401 *

6. Inamura, C., Stern, M., Lizardo, D., Houk, P., & **Oxman, N.** (2018). Additive manufacturing of transparent glass structures. *3D Printing and Additive Manufacturing*, *5*(4), 269–283. https://doi.org/10.1089/3dp.2018.0157 *

7. Kayser, M., Cai, L., Falcone, S., Bader, C., Inglessis, N., Darweesh, B., & **Oxman, N.** (2018). FIBERBOTS: An autonomous swarm-based robotic system for digital fabrication of fiber-based composites. *Construction Robotics*, *2*(1), 67–79. https://doi.org/10.1007/s41693-018-0013-y *

8. Kayser, M., Cai, L., Falcone, S., Bader, C., Inglessis, N., Darweesh, B., & **Oxman, N.** (2018). Design of a multi-agent, fiber composite digital fabrication system. *Science Robotics*, *3*(22). https://doi.org/10.1126/scirobotics.aau5630 *

9. Hosny, A., Keating, S. J., Dilley, J. D., Ripley, B., Kelil, T., Pieper, S., Kolb, D., Bader, C., Pobloth, A., Griffin, M., Nezafat, R., Duda, G., Chiocca, E. A., Stone, J. R., Michaelson, J. S., Dean, M. N., **Oxman, N.,** & Weaver, J. C. (2018). From improved diagnostics to presurgical planning: High-resolution functionally graded multimaterial 3D printing of biomedical tomographic data sets. *3D Printing and Additive Manufacturing*, *5*(2), 103–113. https://doi.org/10.1089/3dp.2017.0140 *

10. Bader, C., Kolb, D., Weaver, J. C., Sharma, S., Hosny, A., Costa, J., & **Oxman, N.** (2018). Making data matter: Voxel printing for the digital fabrication of data across scales and domains. *Science Advances*, *4*(5), eaas8652. https://doi.org/10.1126/sciadv.aas8652 *

11. Keating, S. J., Leland, J. C., Cai, L., & **Oxman, N.** (2017). Toward site-specific and self-sufficient robotic fabrication on architectural scales. *Science Robotics*, *2*(5), 1–15. https://doi.org/10.1126/scirobotics.aam8986 *

12. Brun, P.-T., Inamura, C., Lizardo, D., Franchin, G., Stern, M., Houk, P., & **Oxman, N.** (2017). The molten glass sewing machine. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, *375*(2093), 20160156. https://doi.org/10.1098/rsta.2016.0156 *

13. Bader, C., & **Oxman, N.** (2016). Recursive symmetries for geometrically complex and materially heterogeneous additive manufacturing. *Computer-Aided Design*, 81, 39–47. https://doi.org/10.1016/j.cad.2016.09.002 *

14. Bader, C., Kolb, D., Weaver, J. C., & **Oxman, N.** (2016). Data-driven material modeling with functional advection for 3D printing of materially heterogeneous objects. *3D Printing and Additive Manufacturing*, *3*(2), 71–79. https://doi.org/10.1089/3dp.2016.0026 *

15. Bader, C., Patrick, W. G., Kolb, D., Hays, S. G., Keating, S., Sharma, S., Dikovsky, D., Belocon, B., Weaver, J. C., Silver, P. A., & **Oxman, N.** (2016). Grown, printed, and biologically augmented: An additively manufactured microfluidic wearable, functionally templated for synthetic microbes. *3D Printing and Additive Manufacturing*, *3*(2), 79–89. https://doi.org/10.1089/3dp.2016.0027 *

16. Keating, S. J., Gariboldi, M. I., Patrick, W. G., Sharma, S., Kong, D. S., & **Oxman, N.** (2016). 3D printed multimaterial microfluidic valve. *PLOS ONE*, 11(8), e0160624. https://doi.org/10.1371/journal.pone.0160624 *

17. Doubrovski, E. L., Tsai, E. Y., Dikovsky, D., Geraedts, J. M. P., Herr, H., & **Oxman, N.** (2015). Voxel-based fabrication through material property mapping: A design method for bitmap printing. *Computer-Aided Design*, 60, 3–13. https://doi.org/10.1016/j.cad.2014.05.010 *

18. Duro-Royo, J., Zolotovsky, K., Mogas-Soldevila, L., Varshney, S., **Oxman, N.,** Boyce, M. C., & Ortiz, C. (2015). MetaMesh: A hierarchical computational model for design and fabrication of biomimetic armored surfaces. *Computer-Aided Design*, *60*, 14–27. https://doi.org/10.1016/j.cad.2014.05.005 *

19. Hays, S. G., Patrick, W. G., Ziesack, M., **Oxman, N.,** & Silver, P. A. (2015). Better together: Engineering and application of microbial symbioses. *Current Opinion in Biotechnology*, 36, 40–49. https://doi.org/10.1016/j.copbio.2015.08.008 *

20. Klein, J., Stern, M., Franchin, G., Kayser, M., Inamura, C., Dave, S., Weaver, J. C., Houk, P., Colombo, P., Yang, M., & **Oxman, N.** (2015). Additive manufacturing of optically transparent glass. *3D Printing and Additive Manufacturing*, *2*(3), 92–105. https://doi.org/10.1089/3dp.2015.0021 *

21. Latza, V., Guerette, P. A., Ding, D., Amini, S., Kumar, A., Schmidt, I., Keating, S. J., **Oxman, N.,** Weaver, J. C., Fratzl, P., Miserez, A., Masic, A. (2015). Multi-scale thermal stability of a hard thermoplastic protein-based material. *Nature Communications*, *6*(8313), 1–8. https://doi.org/10.1038/ncomms9313 *

22. Duro-Royo, J., Mogas-Soldevila, L., & **Oxman, N.** (2015). Flow-based fabrication: An integrated computational workflow for design and digital additive manufacturing of multifunctional heterogeneously structured objects. *Computer-Aided Design*, 69, 143–154. https://doi.org/10.1016/j.cad.2015.05.005 *

23. Patrick, W. G., Nielsen, A. A. K., Keating, S. J., Levy, T. J., Wang, C.-W., Rivera, J. J., Mondragón-Palomino, O., Carr, P. A., Voigt, C. A., **Oxman, N.,** & Kong, D. S. (2015). DNA assembly in 3D printed fluidics. *PLOS ONE*, 10(12), e0143636. https://doi.org/10.1371/journal.pone.0143636 *

24. Mogas-Soldevila, L., Duro-Royo, J., & **Oxman, N.** (2014). Water-based robotic fabrication: Large-scale additive manufacturing of functionally graded hydrogel composites via multichamber extrusion. *3D Printing and Additive Manufacturing*, 1(3), 141–151. https://doi.org/10.1089/3dp.2014.0014 *

25. **Oxman, N.,** Dikovsky, D., Belocon, B., & Carter, W. C. (2014). Gemini: Engaging experiential and feature scales through multimaterial digital design and hybrid additive–subtractive fabrication. *3D Printing and Additive Manufacturing*, 1(3), 108–114. https://doi.org/10.1089/3dp.2014.1505 *

26. Sterman, Y., Demaine, E. D., & **Oxman, N.** (2013). PCB origami: A material-based design approach to computer-aided foldable electronic devices. *Journal of Mechanical Design*, 135(11), 114502. https://doi.org/10.1115/1.4025370 *

27. Keating, S., & **Oxman, N.** (2013). Compound fabrication: A multi-functional robotic platform for digital design and fabrication. *Robotics and Computer-Integrated Manufacturing*, 29(6), 439–448. https://doi.org/10.1016/j.rcim.2013.05.001 *

28. **Oxman, N.,** Tsai, E., & Firstenberg, M. (2012). Digital anisotropy: A variable elasticity rapid prototyping platform. *Virtual and Physical Prototyping*, 7(4), 261–274. https://doi.org/10.1080/17452759.2012.731369 *

29. **Oxman, N.** (2011). Variable property rapid prototyping. *Virtual and Physical Prototyping*, *6*(1), 3–31. https://doi. org/10.1080/17452759.2011.558588

30. **Oxman, N.** (2007). Get real: Towards performance-driven computational geometry. *International Journal of Architectural Computing*, 5(4), 663–684. https://doi.org/10.1260/147807707783600771

31. **Oxman, N.,** & Rosenberg, J. L. (2007). Material-based design computation: An inquiry into digital simulation of physical material properties as design generators. *International Journal of Architectural Computing*, 5(1), 25–44. https://doi.org/10.1260/147807707780912985

Proceeding Papers in Refereed Journals

1. Weber, R., Mueller, C., & Oxman, N. (2020). Structural shading for grid shells: Integrative design workflow. IASS Annual Symposium and Spatial Structures Conference. *Weber, R., Mueller, C., & **Oxman, N.** (2020). Structural shading for grid shells: Integrative design workflow. *IASS Annual Symposium and Spatial Structures Conference*. *

2. Costa, J., Kraemer, F., Bader, C., Disset, J., & **Oxman, N.** (2019). Adaptable meshes: A dynamic approach to the construction of membranes. *Proceedings of the IASS Annual Symposia*, 7, 1–7. http://congress.cimne.com/formandforce2019/Admin/Files/FilePaper/p721.pdf *

3. Lee, N., Weber, R., Kennedy, J., Van Zak, J., Duro-Royo, J., & **Oxman, N.** (2019). Multi-material printing of multi lengthscale bio-composite membranes. *Proceedings of the IASS Annual Symposia*, 6, 1-8. *

4. Kayser, M., Cai, L., Bader, C., Falcone, S., Inglessis, N., Darweesh, B., Costa, J., & **Oxman, N.** (2019). FIBERBOTS: Design and digital fabrication of tubular structures using robot swarms. In J. Willmann, P. Block, M. Hutter, K. Byrne, & T. Schork (Eds.), *Robotic Fabrication in Architecture, Art, and Design* (pp. 285–296). Springer. https://doi.org/10.1007/978-3-319-92294-2_22 *

5. Bader, C., Sharma, S., Smith, R. S. H., Disset, J., & **Oxman, N.** (2018). Viva in Silico: A position-based dynamics model for microcolony morphology simulation. *Proceedings of the Conference on Artificial Life*, 304–310. https://doi.org/10.1162/isal_a_00060 *

6. Tai, Y-J., Bader, C., Ling, A., Disset, J., Darweesh, B., Duro-Royo, J., Van Zak, J., Hogan, N., & **Oxman, N.** (2018). Designing (for) decay: Parametric material distribution for hierarchical dissociation of water-based biopolymer composites. *Proceedings of the IASS Annual Symposia*, 9, 1-8. *

7. Inamura, C., Stern, M., Lizardo, D., Houk, P., & **Oxman, N.** (2018). High-fidelity additive manufacturing of transparent glass structures. *Proceedings of the IASS Annual Symposia*, 8, 1-8. *

8. Duro-Royo, J., Van Zak, J., Ling, A., Tai, Y-J., Hogan, N., Darweesh, B., & **Oxman, N.** (2018). Designing a tree: Fabrication informed digital design and fabrication of hierarchical structures. *Proceedings of the IASS Annual Symposia*, 13, 1–7. *

9. Costa, J., Bader, C., Sharma, S., Xu, J., & **Oxman, N.** (2018). Spinning smooth and striated: Integrated design and digital fabrication of bio-homeomorphic structures across scales. *Proceedings of the IASS Annual Symposium*, 4, 1-4. *

10. Darweesh, B., Bader, C., Bell, J. L., Alonzo, L., Zhang, J., & **Oxman, N.** (2018). FAB vernacular: Data-driven on-site robotic fabrication. *Proceedings of the IASS Annual Symposia,* 4, 1-4. *

11. Sharma, S., & **Oxman, N.** (2018). Correlative computational image analysis of blood drop drying patterns. *Microscopy and Microanalysis,* 24(S1), 1296–1297. https://doi.org/10.1017/S1431927618006967 *

12. Duro-Royo, J., Van Zak, J., Ling, A. S., Tai, Y. J., & **Oxman, N.** (2017). Parametric chemistry: Reverse engineering biomaterial composites for additive manufacturing of bio-cement structures across scales. *Proceedings of the International Conference on Sustainable Smart Manufacturing*, CRC Press, 217–223. *

13. Mogas-Soldevila, L., Duro-Royo, J., & **Oxman, N.** (2015). Form follows flow: A material-driven computational workflow for digital fabrication of large-scale hierarchically structured objects. *Association for Computer-Aided Design in Architecture International Conference (ACADIA) 2015 Proceedings*, 185–193. *

14. Duro-Royo, J., Kayser, M., Mogas-Soldevila, L., & **Oxman, N.** (2015). Modeling behavior for additive distributed construction. *Proceedings of the Design Modeling Symposium Copenhagen 2015*, 295–302. *

15. Duro-Royo, J., Mogas-Soldevila, L., & **Oxman, N.** (2015). Physical feedback in fabrication information modeling (FIM): Analysis and discussion of exemplar cases across media, disciplines, and scales, *eCAADe 2015: 33rd Annual Conference*, 1–9. *

16. Mogas-Soldevila, L., Duro-Royo, J., Lizardo, D., Kayser, M., Patrick, W., Sharma, S., Keating, S., Klein, J., Inamura, C., & **Oxman, N.** (2015). Designing the Ocean Pavilion: Biomaterial templating of structural manufacturing, and environmental performance. *IASS 2015 Annual International Symposium on Future Visions*, 1–13. *

17. Duro-Royo, J., & **Oxman, N.** (2015). Towards Fabrication Information Modeling (FIM): Four case models to derive designs informed by multi-scale trans-disciplinary data. *MRS Online Proceedings Library*, 1800, 6. https://doi.org/10.1557/opl.2015.647 *

18. Mogas-Soldevila, L., & **Oxman, N.** (2015). Water-based engineering and fabrication: Large-scale additive manufacturing of biomaterials. *MRS Online Proceedings Library*, 1800, 7. https://doi.org/10.1557/opl.2015.659 *

19. Keating, S., Spielberg, N., Klein, J., & **Oxman, N.** (2014). A compound arm approach to digital construction. In W. McGee & M. Ponce de Leon (Eds.), *Robotic Fabrication in Architecture, Art, and Design Conference (ROB|ARCH)*, 99–110. https://doi.org/10.1007/978-3-319-04663-1_7 *

20. **Oxman, N.,** Laucks, J., Kayser, M., Duro-Royo, J., & Gonzales-Uribe, C. (2014). Silk Pavilion: A case study in fiber-based digital fabrication. In F. Gramazio, M. Kohler & S. Langenberg (Eds.), *Fabricate 2014: Negotiating Design & Making,* 248–255. https://doi.org/10.2307/j.ctt1tp3c5w.34 *

21. **Oxman, N.,** Laucks, J., Kayser, M., Gonzales-Uribe, C., & Duro-Royo, J. (2013). Biological computation for digital design and fabrication: A biologically informed finite element approach to structural performance and material optimization of robotically deposited fiber structures. In R. Stouffs & S. Sariyildiz (Eds.), *eCAADe 2013: Computation and Performance*, Delft, Netherlands: TU Delft Publication; 31, 1–10. *

22. Tsai, E., & **Oxman, N**. (2013). 4D printing: Towards biomimetic additive manufacturing. *Proceedings of Additive Manufacturing and 3D Printing, 8th International Conference*. *

23. **Oxman, N.,** Laucks, J., Kayser, M., Tsai, E., & Firstenberg, M. (2013). Freeform 3D printing: Towards a sustainable approach to additive manufacturing without support materials. In H. Bártolo, et al. (Eds.), *Proceedings of the 2nd Sustainable Intelligent Manufacturing Conference*, CRC Press, 479–484. https://doi.org/10.1201/B15002-93 *

24. **Oxman, N.,** Kayser, M., Laucks, J., & Firstenberg, M. (2013). Robotically controlled fiber-based manufacturing as case study for biomimetic fabrication. In H. Bártolo, et al. (Eds.), *Proceedings of the 2nd Sustainable Intelligent Manufacturing Conference*, CRC Press, 479–484. https://doi.org/10.1201/B15002-92 *

25. Tsai, E., Firstenberg, M., Laucks, J., Sterman, Y., Lehnert, B., & **Oxman, N.** (2012). CNSilk: Spider-silk inspired robotic fabrication of woven habitats. In S. Brell-Çokcan & J. Braumann (Eds.), *Rob|Arch 2012*, Springer, Vienna; 160–166. https://doi.org/10.1007/978-3-7091-1465-0_17 *

26. Keating, S., & **Oxman, N.** (2012). Robotic immaterial fabrication. In S. Brell-Çokcan & J. Braumann (Eds.), *Rob|Arch 2012*, Springer, Vienna; 256–266. https://doi.org/10.1007/978-3-7091-1465-0_30 *

27. **Oxman, N.** (2012). Towards a Material Ecology. *Proceedings of the 32nd Annual Conference of the Association for Computer-Aided Design in Architecture* (*ACADIA*); 19–20. [Keynote paper]

28. **Oxman, N.** (2012) Imaginary Beings: Mythologies of the Not Yet. *Proceedings of the 32nd Annual Conference of the Association for Computer-Aided Design in Architecture* (*ACADIA*); 90–91.

29. **Oxman, N.** (2011). Finite element synthesis. In P. J. Bártolo, et al. (Eds.), *Proceedings of the 5th International Conference on Advanced Research in Virtual and Rapid Prototyping* (*VRAP*), CRC Press, 719–724.

30. **Oxman, N.,** Keating, S., & Tsai, E. Functionally graded rapid prototyping. In P. J. Bártolo, et al. (Eds.), *Proceedings of the 5th International Conference on Advanced Research in Virtual and Rapid Prototyping* (*VRAP*). CRC Press, 483–490. https://doi.org/10.1201/b11341-78 *

31. **Oxman, N.** (2009). Material-based design computation: Tiling behavior. *Proceedings of the 29th Annual Conference of the Association for Computer-Aided Design in Architecture* (*ACADIA*), 122–127.

32. **Oxman, N.** (2008). Rapid Gestalt(en). *Proceedings of Euro U-Rapid: International User's Conference on Rapid Prototyping*, 61–69.

33. **Oxman, N.** (2008). Oublier Domino: On the evolution of architectural theory from spatial to performance-based programming. *First International Conference on Critical Digital: What Matter(s)?*, 393–402.

34. **Oxman, N.** (2007). Rapid Craft: Machine immanence and naïve materialization. *Proceedings of IASS 2007, Shell and Spatial Structures: Structural Architecture*, 269–276.

35. **Oxman, N.** (2007). Rapid Craft: Material experiments towards an integrated sensing skin system. *Proceedings of the 27th Annual Conference of the Association for Computer-Aided Design in Architecture* (*ACADIA*), 182–189.

36. **Oxman, N.** (2007). FAB Finding: Predicting the future. *Proceedings of the 25th eCAADe Conference*, 785–792.

37. **Oxman, N.** (2007). Rapid Craft: Machine immanence and naïve materialization. *Proceedings of the 9th International Conference on Ubiquitous Computing* (*UbiComp*), 534–538.

38. **Oxman, N.,** & Rosenberg, J. L. (2007). Material-based design computation. *Proceedings of the 12th International Conference on Computer-Aided Architectural Design Research in Asia* (*CAADRIA*), 5–12.

Papers in Non-Refereed Journals

1. Sharma, S., Smith, R. S. H., Lee, N. A., Wilson, S. L., Smith, M. M., & **Oxman, N.** (2021). Exogenous pigments shield microorganisms from spaceflight-induced changes. *bioRxiv*. https://doi.org/10.1101/2021.07.29.454367

2. **Oxman, N.** (2017). Dermi-Domus: A grown wardrobe for bodies and buildings, *Architectural Design,* 87(6), 16-25. https://doi.org/10.1002/ad.2233

3. **Oxman, N.** (2016). Age of entanglement. *Journal of Design and Science.* https://doi.org/10.21428/7e0583ad [Inaugural Essay]

4. **Oxman, N.** (2015). Mothering Nature: The shape of things to come. *The Economist: The World in 2016*, 114.

5. **Oxman, N.** (2015). Templating design for biology and biology for design. *Architectural Design, Special Issue: Material Synthesis: Fusing the Physical and the Computational*, 85(5), 100–107. https://doi.org/10.1002/ad.1961

6. **Oxman, N.** Duro-Royo, J., Keating, S., Peters, B., & Tsai, E. (2014). Towards robotic swarm printing. *Architectural Design, Special Issue: Made by Robots: Challenging Architecture at the Large Scale*, 84(3), 108–115. https://doi.org/10.1002/ad.1764 *

7. **Oxman, N.** (2012). Programming matter. *Architectural Design, Special Issue: Material Computation: Higher Integration in Morphogenetic Design*, 82(2), 88–95. https://doi.org/10.1002/ad.1384

8. **Oxman, N.** (2011). Proto-Design: Architecture's primordial soup and the quest for units of synthetic life. *Architectural Design, Special Issue: Protocell Architecture*, 81(2), 100–105. https://doi.org/10.1002/ad.1217

9. **Oxman, N.** (2010). Structuring materiality: Design fabrication of heterogeneous materials. *Architectural Design, Special Issue: The New Structuralism: Design, Engineering, and Architectural Technologies*, 80(4), 78–85. https://doi.org/10.1002/ad.1110

10. **Oxman, N.** (2010). Per formative: Towards a post materialist paradigm in architecture. *Perspecta, Special Issue: TABOO; The Yale Architectural Journal*, 43, 19–30.

11. **Oxman, N.** (2006). Performative morphologies: The vertical helix. In M. Hensel & A. Menges (Eds.), Differentiation and Performance: Multi-Performance Architectures and Modulated Environments, *Architectural Design, Special Issue: Techniques and Technologies in Morphogenetic Design*, 76(180), 66–67. https://doi.org/10.1002/ad.241

12. Hesselgren, L., & **Oxman, N.** (2006). Folded plate roof research project. In M. Hensel, A. Menges, & M. Weinstock (Eds.), Instrumental Geometry, *Architectural Design, Special Issue: Techniques and Technologies in Morphogenetic Design*, 76(180), 52–53. https://doi.org/10.1002/ad.239

13. **Oxman, N.** (2006). Performative morphologies: The vertical helix. In M. Hensel & A. Menges (Eds.), *Morpho-Ecologies*, *Architectural Association*, 100–111.

14. **Oxman, N.,** & Joachim, M. (2006). Peristalcity: A circulatory habitat cluster for Manhattan. *Threshold 32: ACCESS*, 32, 36–39.

15. **Oxman, N.** (2005). Performative morphologies: The vertical helix. *Demonstrating Digital Architecture, 5th Far Eastern International Digital Architecture Design Award*, 76, 94–99.

16. Van Zak, J., Duro-Royo, J., Ling, A. S., Tai, Y. T., Bader, C., & **Oxman, N.** (2017). Parametric chemistry: Reverse engineering biomaterial composites for additive manufacturing of bio-cement structures across scales. In A. Wit & M. Daas (Eds.), *Towards a Robotic Architecture: Frameworks and Processes* (p. 4), Applied Research and Design Publishing. *

17. 17. **Oxman, N.** (2017). A visionary lightweight construction. In Foster, N. (Ed.), *AV Monograph 200: Norman Foster Common Futures*, Avisa.

18. 18. Bechtold, M., Adriaenssens, S., Michalatos, P., **Oxman, N.,** & Trummer, A. (2016). Structural delights: Computation, matter, and the imagination. In P. Eckhard, et al. (Eds.), *Graz Architecture Magazine (GAM) 12: Structural Affairs* (pp. 32–45). Basel, Switzerland: Birkhäuser. https://doi.org/10.1515/9783035609844

Papers in Workshop Proceedings

1. Coelho, M., Sadi, S., Maes, P., Berzowska, J., & **Oxman N.** (2007, September). Transitive materials: Towards an integrated approach to material technology. *Workshop Proceedings of Ubicomp: International Conference on Ubiquitous Computing*. Innsbruck, Austria, 495–500.

2. **Oxman, N.** (2007, September). Digital Craft: Fabrication based design in the age of digital production. *Workshop Proceedings for Ubicomp: International Conference on Ubiquitous Computing*. Innsbruck, Austria, 534–538.

Editorials in Conference Proceedings

1. KuKudless, A., **Oxman, N.,** & Swickard, M. (Eds.). (2008). Silicon+Skin: Biological processes and computation. *Proceedings of the 28th Annual Conference of the Association for Journal of Computer-Aided Design in Architec- ture* (*ACADIA*), 54-65.

Research Posters

1. Smith, R., Smith, M., Williams, S., & **Oxman, N.** (2019, December 1–6). *Manufacturing biohybrid textiles through a robust fiber based cell-free expression system*. Material Research Society (MRS) Fall Meeting and Exhibit, Boston, MA. *

2. Van Zak, J., Soo Hoo Smith, R., Sharma, S., Bader, C., Faraguna, J., & **Oxman, N.** (2018, October 31). *Tunable melanogenesis in biopolymer materials enabled by self-assembling monolayers*. Annual Meeting of the International Society for Biofabrication, Würzburg, Germany. *

3. Bader, C., Kolb, D., Weaver, J. C., Sharma, S., Smith, R. S., Van Zak, J., Patrick, W. G., Hays, S. G., Keating, S., Dikovsky, D., Belocon, B., Silver, P., & **Oxman, N.** (2016, October 19–31). *Data-driven material modeling for 3D-printing of materially heterogeneous objects*. *Biofabrication*, Winston-Salem, NC.*

4. Klein, J., Stern, M., Kayser, M., Inamura, C., Franchin, G., Dave, S., Weaver, J., Houk, P., Colombo, P., & **Oxman, N.** (2016, May 22–26). *Additive manufacturing of optically transparent glass*. Glass & Optical Materials Division Meeting, Madison, WI. *

5. Varshney, S., Zolotovsky, K., **Oxman, N.**, Boyce, M. C., & Ortiz, C. (2014, March 18–21). *Biomimetic Flexi- ble-Fish Scale Composite Armor*. EURO Bio-inspired Materials, Potsdam, Germany.

6. Zolotovsky, K., Duro-Royo, J., Mogas-Soldevila, L., Varshney, S., **Oxman, N.,** Boyce, M. C., & Ortiz, C. (2014, March 18–21). *Hierarchical computational model for digital design and fabrication of biomimetic armor surfaces*. EURO Bio-inspired Materials, Potsdam, Germany. *

7. Duro-Royo, J., Zolotovsky, K., Mogas-Soldevila, L., Varshney, S., **Oxman, N.,** Boyce, M. C., & Ortiz, C. (2013, November 15). *Hierarchical computational model for digital design and fabrication of biomimetic armor surfaces 1*. Smart Clothes Symposium, Radcliffe Institute, Harvard University, Cambridge, MA. *

8. Keating, S., Tsai, L., & **Oxman, N.** (2012, July 10). *Biobeams: Functionally graded rapid fabrication*. NSF Confer- ence for Civil, Mechanical, and Manufacturing Innovation. *

Research Reports

1. Ortiz, C., Boyce, M., & **Oxman, N.** (2014, June). Kinematic analysis and geometric-material design rules for 'human-fit' flexible protective materials. *Annual ICB Report*. Award Number: W911NF-09-D-0001. Report Period: 06/01/2013 to 05/31/2014.

2. **Oxman, N.,** Keating, S., & Mogas-Soldevila, L. (2013, December). *Bio-Beams: Functionally graded rapid design and fabrication*. NSF Final Project Report. Award Number: 1152550. Report Period: 09/01/2012 to 08/31/2013. *

3. **Oxman, N.,** Keating, S., & Mogas-Soldevila, L. (2013, December). *Bio-Beams: Functionally graded rapid design and fabrication.* NSF Project Outcomes Report. Award Number: 1152550. Report Period: 09/01/2012 to 08/31/2013. *

4. Ortiz, C., Boyce, M., & **Oxman, N.** (2013, June). *Morphometric origins of biological and bio-inspired exoskeleton design via mechanics of macroscale prototypes*. Interim ICB Report. Award Number: W911NF-09-D-0001. Report Period: 06/01/2012 to 05/31/2013.

5. **Oxman, N.** (2012, September). *Bio-Beams: Functionally graded rapid design and fabrication.* Annual NSF Report. Award Number: 1152550. Report Number: 10178860. Report Period: 09/01/2011 to 06/04/2012.

6. Ortiz, C., Boyce, M., & **Oxman, N.** (2012, June). *Biological and bio-inspired reconfigurable flexible and protective armor joints*. Final ISN Report. Award Number: W911NF-13-D-0001. Report Period: 06/01/2011 to 05/31/2012.

7. Ortiz, C., Boyce, M., & **Oxman, N.** (2012, June). *Morphometric origins of biological and bio-inspired exoskeleton design via mechanics of macroscale prototypes*. Final ISN Report. Award Number: W911NF-13-D-0001. Report Period: 06/01/2011 to 05/31/2012.

8. **Oxman, N.** (2012, June). *Bio-Beams: Functionally graded rapid design and fabrication.* Interim NSF Report. Award Number: 1152550. Report Number: 10178860. Report Period: 09/01/2011 to 06/04/2012.

9. **Oxman, N.,** Keating, S., & Mogas-Soldevila, L. (2012, June). *Bio-Beams: Functionally graded rapid design and fabrication.* Final NSF Report. Award Number: 1152550. Report Number: 10178860. Report Period: 09/01/2011 to 06/04/2012.

10. **Oxman, N.,** Keating, S., & Mogas-Soldevila, L. (2012, June). *Bio-Beams: Functionally graded rapid design and fabrication.* Project Outcome Report. Award Number: 1152550. Report Number: 10178860. Report Period: 09/01/2011 to 06/04/2012.

11. Ortiz, C., Boyce, M., & **Oxman, N.** (2011, June). *Morphometric origins of biological and bio-inspired exoskeleton design via mechanics of macroscale prototypes*. Interim ISN Report. Award Number: W911NF-13-D-0001. Report Period: 06/01/2010 to 05/31/2011.

12. Ortiz, C., Boyce, M., & **Oxman, N.** (2011, June). *Biological and bio-inspired reconfigurable flexible and protective joints*. Interim ISN Report. Award Number: W911NF-13-D-0001. Report Period: 06/01/2010 to 05/31/2011.

Conference Presentations, not Published

1. Sharma, S., Datta, B., Bove, V. M., & **Oxman, N.** (2019, December 1–6). *Synthesizing tunable artificial color: A combined approach*. Material Research Society (MRS) Fall Meeting and Exhibit, Boston, MA. *

2. Lee, N., Weber, R., Kennedy, J., Sharma, S., Duro-Royo, J., & **Oxman, N.** (2019, December 1–6). *Continuous gradation of multi-material biopolymer hydrogels*. Material Research Society (MRS) Fall Meeting and Exhibit, Boston, MA. *

3. Datta, B., Sharma, S., Bove, V. M., & **Oxman, N.** (2017, April 17–21). *Mechanosensitive cell behavior on electrorheological substrates*. Material Research Society (MRS) Symposium NM10: Micro/Nano Assembling, Manufacturing and Manipulation for Biomolecular and Cellular Applications, Phoenix, AZ. *

4. Klein, J., Stern, M., Kayser, M., Inamura, C., Franchin, G., Dave, S., Weaver, J., Houk, P., Colombo, P., & **Oxman, N.** (2017, May 13–17). *Additive manufacturing of optically transparent glass.* American Physical Society (APS) March Meeting: Extreme 3D Printing: New Materials and Methods for New Functions, New Orleans, LA. *

5. Varshney, S., Zolotovsky, K., **Oxman, N.,** Boyce, M. C., & Ortiz, C. (2014, March 18–21). *Biomimetic flexible 'fish scale' composite armor.* EURO Bio-inspired Materials, Potsdam, Germany.

6. Varshney, S., Zolotovsky, K., Reichert, S., **Oxman, N.,** Boyce, M. C., & Ortiz, C. (2014, January 3–7). *Mechanical design rules of articulated fish scale armor.* SICB Annual Meeting, Austin, TX.

7. Duro-Royo, J., Zolotovsky, K., Mogas-Soldevila, L., Varshney, S., **Oxman, N.,** Boyce, M. C., & Ortiz, C. (2013, November 15). *Hierarchical computational model for digital design and fabrication of biomimetic armor surfaces.* Smart Clothes, Radcliffe Institute for Advanced Study, Harvard University 2013, Cambridge, MA. *

8. Varshney, S., Li, Y., Zolotovsky, K., **Oxman, N.,** Boyce, M. C., & Ortiz, C. (2013, August 25–28). *Geometric origins of tunable biomechanical flexibility in fish scale armour.* 19th Congress of the European Society of Biome- chanics, Patras, Greece.

9. Keating, S., Tsai, L., & **Oxman, N.** (2012, July 10), *Biobeams: Functionally graded rapid fabrication*. NSF Conference for Civil, Mechanical, and Manufacturing Innovation, Cambridge, MA. *

Invited Talks

1. Invited Speaker, *Wabi-Sabi and the Case for Growth*, Columbia University, School of Mechanical Engineering, December 2023.
2. Lex Friedman Podcast, *Neri Oxman: Biology, Art and Science of Design & Engineering with Nature,* August 2023.
3. Featured Speaker, Bernard and Irene Schwartz Distinguished Speakers Series, New York Historical Society, April 2023.
4. Featured Speaker, *Coffee with Danaher*, Danaher, Virtual, October 2022.
5. Featured Speaker, UMN College of Design, Minneapolis, MN, October 2022.
6. Panel Moderator, *Engineering Solutions to Confront the Sustainability Crisis*, The Wyss Visionary Solutions Summit, The Wyss Institute, Boston, MA, May 2022.
7. Featured Speaker, *City of the Future*, with Stefanie Ilgenfritz, The Future of Everything Festival, Wall Street Journal, New York, NY, May 2022.
8. Guest Lecture, How to Grow (Almost) Anything, MIT / Harvard University, Cambridge, MA, May 2022.
9. Featured Speaker, *A Conversation with Neri Oxman,* SFMOMA, Virtual, April 2022.
10. Featured Speaker, *A Conversation with Neri Oxman*, with Rolf Dobelli, WORLD.MINDS ESPRESSO, Virtual, April 2022.
11. Featured Speaker, *Nature x Humanity,* Industrial Design Department, Rhode Island School of Design, Virtual, March 2022.
12. Featured Speaker, *Nature x Humanity,* Ircam Centre Pompidou, Virtual, March 2022.
13. Featured Speaker, *Nature x Humanity,* The Long Now Foundation, San Francisco, CA, February 2022.
14. Featured Speaker, *Nature x Humanity,* Dezeen 15, Virtual, November 2021.
15. Keynote Address, *A Conversation with Neri Oxman,* with Sivan Refaely-Abramson, Ron Milo, and Elad Schneidman, Weizmann Institute, Virtual, November 2021.
16. Keynote Address, *Nature X Humanity,* Mendix World, Virtual, September 2021.
17. Keynote Address, *A Conversation with Neri Oxman*, with Mahesh Daas, BAC Talks, Boston Architectural College, Virtual, June 2021.
18. Featured Speaker, *Architecture Inspired by Nature and Biology*, Hebrew Club of Paris, Virtual, June 2021.
19. Panel Participant, *A Conversation with Neri Oxman,* with Tali Farhadian Weinstein, Virtual, May 2021.
20. Featured Speaker, *Think Big—Redesign the World,* with Andrian Kreye, Süddeutsche Zeitung, DLD All Stars, DLD Conference: Digital-Life-Design, Virtual, February 2021.
21. Featured Speaker, *The Future of Making*, with Paola Antonelli, Design Emergency, Virtual, February 2021.
22. Keynote Address, *Humanity x Nature*, Innovation Conference, Architectural Record, Virtual, October 2020.
23. Featured Speaker, *In Kepler's Gardens*, Ars Electronica Festival, Virtual, September 2020.
24. Featured Speaker, *Instagram Live Talk with Neri Oxman*, Vitra Design Museum, Virtual, September 2020.
25. Panel Participant, *Discussions on the Circular Economy: Materials*, London Design Festival, Virtual, September 2020.

26. Keynote Address, *Glass Additive Manufacturing*, Challenging Glass Conference, Virtual, Delivered by Chikara Inamura, September 2020.

27. Featured Speaker, *Artist Talk: One Work with Neri Oxman*, MoMA, Virtual, May 2020.

28. Keynote Address, *Material Ecology*, Dalton School, New York, NY, Virtual, March 2020.

29. Panel Participant, *The Call to Adventure: The Inside Story of Women Leaders*, UN Women, New York, NY, November 2019.

30. Panel Participant, *Contemporary Vision Award*, SFMOMA, San Francisco, CA, October 2019.

31. Featured Speaker, *Material Ecology*, The Universe in Verse, New York, NY, October 2019.

32. Keynote Address, *Material Ecology*, High Level Political Forum Side Event, New York, NY, July 2019.

33. Keynote Address, *Material Ecology*, Urban Design Forum, New York, NY, March 2019.

34. Keynote Address, *Nature by Design, Design by Nature*, MIT Stephen A. Schwarzman College of Computing, Cambridge, MA, February 2019.

35. Keynote Address, *Nature by Design, Design by Nature*, National Multifamily Housing Council, San Diego, CA, January 2019.

36. Lecture, *Material Ecology*, Broken Nature Symposium, New York, NY, January 2019.

37. Panel Participant, *Material Ecology*, Vista Equity Annual Meeting, New York, NY, October 2018.

38. Panel Participant, *Material Ecology,* Cooper Hewitt's Winner Salon, New York, NY, October 2018.

39. Keynote Address, *Material Ecology*, Digital 50, New York, NY, October 2018.

40. Keynote Address, *Material Ecology,* DO FEST, San Francisco, CA, September 2018.

41. Keynote Address, *The Krebs Cycle of Creativity*, University of Michigan, Ann Arbor, MI, September 2018.

42. Keynote Address, *Material Ecology*, Natural History Museum of Utah, Salt Lake City, UT, April 2018.

43. Featured Speaker, *Material Ecology*, Bio Lab of the Future, MIT Media Lab, Cambridge, MA, April 2018.

44. Moderator, *Yo-Yo Ma Lunch with MIT Students*, Cambridge, MA, March 2018.

45. Keynote Address, *Innovation by Design*, 15th Annual SEI Executive Conference, Scottsdale, AZ, March 2018.

46. Keynote Address, *Material Ecology*, Design Indaba, Cape Town, South Africa, February 2018.

47. Keynote Address, *Material Ecology*, Dassault Systèmes Conference, Los Angeles, CA, January 2018.

48. Keynote Address, *Material Ecology*, Professional Convention Management Association, Nashville, TN, January 2018.

49. Keynote Address, *Towards a Material Ecology*, ACADIA 2017, Cambridge, MA, November 2017.

50. Featured Speaker, *Towards a Material Ecology*, Universitat Internacional de Catalunya (UIC) Barcelona, Barcelona, Spain, November 2017.

51. Featured Speaker, *Towards a Material Ecology*, Innovative City Forum, Tokyo, Japan, October 2017.

52. Keynote Address, *Towards a Material Ecology*, Maharam Gathering, Palm Springs, CA, October 2017.

53. Keynote Address, *Towards a Material Ecology*, Macquarie Capital U.S. & Latin America Conference, San Diego, CA, October 2017.

54. Featured Speaker, *Towards a Material Ecology*, How to Make Almost Anything, MIT Media Lab, Cambridge, MA, October 2017.

55. Panel Participant, *Harnessing Technology, Arts, and Culture to Solve Global Challenges,* Concordia Annual Summit, New York, NY, September 2017.

56. Invited Speaker, *Revolution in Education Using 3D Printing,* 8th North American Materials Education Symposium, Massachusetts Institute of Technology, Cambridge, MA, August 2017.

57. Invited Speaker, *Towards a Material Ecology,* NSF Workshop on Additive Manufacturing for Civil Infrastructure Design and Construction, National Science Foundation, Arlington, VA, July 2017. Together with Julian Leland.

58. Panel Participant, *Anticipating the Future,* The Norman Foster Foundation, Madrid, Spain, June 2017.

59. Keynote Address, *Material Ecology*, ACM CHI 2017, Denver, CO, May 2017.

60. Keynote Address, *Material Ecology*, Harvard Graduate School of Design, Led by Eric Howeler Cambridge, MA, April 2017.

61. Invited Lecturer, *Towards a Material Ecology*, Simmons GATech Studio, Online Course Led by Marc Simmons, April 2017.

62. Invited Lecturer, *Towards a Material Ecology*, The Lab: Experiments in ArtScience, Led by David Edwards, Café Art Science, Kendall Square, MA, April 2017.

63. Keynote Address, *Towards a Material Ecology*, Innovation in Design Conference, Iowa City, IA, April 2017.

64. Keynote Address, *Material Ecology*, Le Laboratoire, Cambridge, MA, April 2017.

65. Keynote Address, *Innovation in Design*, Media Slopes 2017, Lion Tree, Park City, UT, February 2017.

66. Invited Speaker, *Mediated Matter*, Board of Directors Meeting, Broad Institute, MIT Media Lab, Cambridge, MA, February 2017.

67. Keynote Address, *Material Ecology*, Design for MBAs, Yale Management Course, New Haven, CT, January 2017.

68. Featured Speaker, *Design as a Material Ecology*, National Centre of Competence in Research Digital Fabrication, ETH Zurich, Zurich, Switzerland, December 2016.

69. Featured Speaker, *Design as a Material Ecology*, ZURICH.MINDS Annual Symposium, Zurich, Switzerland, December 2016.

70. Featured Speaker, *Material Ecology*, The Cooper Union, New York, NY, December 2016.

71. Featured Speaker, *Design as a Material Ecology*, World Economic Forum Members and Technology Pioneers CEO Workshop, MIT Media Lab, Cambridge, MA, November 2016.

72. Keynote Address, *Material Ecology,* MIT Lincoln Laboratory Engineering Division APETS Conference, MIT Lincoln Laboratory, Cambridge, MA, November 2016.

73. Keynote Address, *Material Ecology*, Zero Waste Conference, Vancouver, Canada, November 2016.

74. Panel Participant, *The Future of Tokyo as an Innovative City*, World Forum on Sports and Culture, Tokyo, Japan, October 2016.

75. Featured Speaker, *Material Ecology: Towards a New Metabolism*, Innovation City Forum, Tokyo, Japan, October 2016.

76. Featured Speaker, *Material Ecology: Towards a New Metabolism*, Sony Creative Center, Tokyo, Japan, October 2016.

77. Featured Speaker, *Design as a Material Ecology,* Products of Design Program, School of Visual Arts, New York, NY, October 2016.

78. Keynote Address, *Design as a Material Ecology*, VMWorld, Las Vegas, NV, September 2016.

79. Featured Speaker, *Design as a Material Ecology*, Inforum, Session for Women's Info Network, City Forum, New York, NY, July 2016.

80. Panel Participant, *Innovation at the Intersection of Art, Design, and Biology*, Le Laboratoire, Cambridge, MA, May 2016.

81. Featured Speaker, *Towards a Material Ecology*, How to Create Things and Have Them Matter, Led by David Edwards, Harvard University, Cambridge, MA, April 2016.

82. Featured Speaker, *Towards a Material Ecology,* Beyond 2016 – MIT's Frontiers of the Future Symposium, Cambridge, MA, April 2016.

83. Keynote Address, *Towards a Material Ecology,* American Institute of Architects (AIA) National Convention and Exposition, Pennsylvania Convention Center, Philadelphia, PA, January 2016.

84. Keynote Address, *Innovation in Design*, GE Aviation, Cincinnati, OH, January 2016.

85. Featured Speaker, *Towards a Material Ecology*, World Economic Forum, Davos, Switzerland, January 2016.

86. Keynote Address, *Towards a Material Ecology,* Collaborations between Scientists & Architects Series, ArchiteXX, GSAPP, Columbia University, New York, NY, November 2015.

87. Keynote Address, *Material Ecology*, MIT Hillel's Leading Jewish Minds, New York, NY, November 2015.

88. Keynote Address, *Material Ecology*, Women in Science and Engineering Luncheon, Boston Museum of Science, Boston, MA, November 2015.

89. Featured Speaker, *Material Ecology*, States of Design Course, Led by Paola Antonelli, Harvard Graduate School of Design, Harvard University, Cambridge, MA, October 2015.

90. Keynote Address, *Innovation in Design*, Delaware Valley Industrial Resource Center, Philadelphia, PA, September 2015.

91. Featured Speaker, *Material Ecology,* The Nantucket Project, Nantucket, MA, September 2015.

92. Panel Participant, *Theo Jansen in Conversation with Neri Oxman and Trevor Smith*, ML Talks, Cambridge, MA, September 2015.

93. Featured Speaker, *Material Ecology,* Fab11 Lab Conference and Symposium, MIT Media Lab, Cambridge, MA, August 2015. Address Delivered by Markus Kayser.

94. Keynote Address, *Innovation in Design*, The Randolph School, Huntsville, AL, August 2015.

95. Featured Speaker, *Material Ecology*, Knotty Objects Design Summit, MIT Media Lab, Cambridge, MA, July 2015.

96. Featured Speaker, *Material Ecology*, O'Reilley's Foo Camp, Sebastopol, CA, July 2015.

97. Featured Speaker, *Material Ecology*, On-Cue 2015, Harvard University, Cambridge, MA, June 2015.

98. Featured Speaker, *Gemini*, The San Francisco Museum of Modern Art, San Francisco, CA, May 2015.

99. Keynote Address, *Innovation in Design,* Savannah College of Art and Design, Savannah, GA, May 2015.

100. Featured Speaker, *Material Ecology*, Active Matter Summit, Cambridge, MA, April 2015.

101. Keynote Address, *Design at the Intersection of Art, Science, and Engineering*, AEW Capital Management Conference on the Future of Real Estate, Boston, MA, April 2015.

102. Featured Speaker, *Mediated Matter*, Emerging Voices Lecture Series, Architectural League of New York, New York, NY, March 2015.

103. Featured TED Speaker, *Design at the Intersection of Technology and Biology*, TED Conference, Vancouver, Canada, March 2015.

104. Keynote Address, *Educating for Ecology*, National Association of Independent Schools Conference, Hynes Convention Center, Boston, MA, February 2015.

105. Keynote Address, *Material Ecology,* Innovative Speaker's Series, Texas Society of Architects, Houston, TX, November 2014.

106. Keynote Address, *Material Ecology: The New Eco-Activism*, Summit 2014, Razorfish, Paramount Studios, Los Angeles, CA, November 2014.

107. Keynote Address, *On Growth,* Boston Society of Architects Women in Design Award of Excellence Presentation, Women in Design Symposium: Creative Entrepreneurship, Boston Convention & Exhibition Center, Boston, MA, October 2014.

108. Keynote Address, *Material Ecology: A New Approach to Nature-inspired Design and Engineering*, George Aiken Lecture Series, University of Vermont, Burlington, VT, October 2014.

109. Keynote Address, *Material Ecology*, International Interior Design Association, Chicago, IL, October 2014.

110. Invited Speaker and Panel Participant, *Material Ecology*, 3D-Printing Webinar: What's Now and What's Next. Presented by Mary Ann Liebert, Inc., Publishers, and Sponsored by Stratasys, September 2014.

111. Invited Panel Participant, *Material Ecology*, DESCIENCE, MIT Media Lab, Cambridge, MA, September 2014.

112. Featured Speaker and Panel Participant, Bio-*inspired Adaptive Materials: From Molecules to Buildings*, Wyss Institute's 5th Annual Symposium, Wyss Institute for Biologically Inspired Engineering, Harvard University, Boston, MA, June 2014.

113. Featured Speaker and Panel Participant, *The Grand Design: Conversations with the 2014 Vilcek Prize for Design and Creative Promise Prize in Design*, Museum of Art and Design, New York, NY, June 2014.

114. Featured Speaker and Panel Participant, *Object, Offline*, MoMA Salon organized by the R&D Department, Museum of Modern Art, New York, NY, June 2014.

115. Featured Speaker, *Templating Biology for Design*, Bits – Biology Conference, Center for Bits and Atoms, MIT Media Lab, Delivered by Markus Kayser and Steven Keating (while on Medical Leave), Cambridge, MA, May 2014.

116. Featured Speaker, *Printing to the Nth Dimension*, Inside 3D-Printing Conference and Expo, Javits Convention Center, New York, NY, April 2014.

117. Keynote Address, *Material Ecology*, Bio-inspired Materials Conference, International School and Conference on Biological Materials Science, Max Planck Institute, Potsdam, Germany, Delivered Online, March 2014.

118. Featured Speaker, *Material Ecology: Towards Bio-inspired Additive Manufacturing*, Leading Jewish Minds, Hosted by Daniel Jackson, MIT, Cambridge, MA, February 2014.

119. Invited Speaker, *Material Ecology in Design*, El Bulli Workshop, MIT Media Lab, Cambridge, MA, February 2014.

120. Keynote Address, *Dress Ecology*, MFA Visiting Committee Conference, Museum of Fine Arts, Boston, MA, November 2013.

121. Featured Speaker, *Dress Ecology*, in Smart Clothes," Science Symposium, Radcliffe Institute for Advanced Study, Harvard University, Cambridge, MA, November 2013.

122. Keynote Address, Towards a Material Ecology, Innovation City Forum, Tokyo, Japan, October 2013.

123. *Towards a Material Ecology*, Emergent Design in Biological and Bio-inspired Materials: Beyond the Rule of Mixtures, Massachusetts Institute of Technology Workshop, Organized by Prof. Christine Ortiz, Cambridge, MA, September 2013.

124. Panel Participant, *BMW i3 Launch Innovation Panel*, with Adrian van Hooydonk, Director of BMW Group Design, New York, NY, July 2013.

125. Keynote Address, *Towards a Material Ecology*, Biomimicry Global Conference 3.8, Boston, MA, June 2013.

126. Keynote Address, *Mythologies of the Not Yet*, The Commerce and Creativity Conference, C2MTL Conference, Montreal, Quebec, May 2013.

127. *Kinematic Analysis and Geometric/Material Design Rules for 'Human Fit,' Flexible Protective Materials*, with Christine Ortiz and Mary C. Boyce, Weapons and Materials Research Directorate, Army Research Lab (ARL), Aberdeen Proving Ground, MD, May 2013.

128. Keynote Address, *Towards a Material Ecology*, Hopes (19) Conference, School of Architecture and Allied Arts, Eugene, OR, April 2013.

129. Distinguished Lecturer, *Crafted by Nature*, Department of Architecture, Portland, OR, April 2013.

130. Distinguished Lecturer, *Material Ecology and the New Eco-Activism,* Futurism Series, Todd Lecture Series, Norwich University, Northfield, VT, March 2013.

131. Panel Participant, *Vision and Brilliance, Time to Imagine and Think about Technology*, Business, Design and Science, The Connecticut Forum, CT, December 2012.

132. Keynote Address, *Growing Vision*, Graduate Women at Massachusetts Institute of Technology (GWAMIT) Association, Leadership Series, Cambridge, MA, November 2012.

133. Guest Lecturer, *Material-Based Design Computation*, College of Engineering, University of Wisconsin-Madison, Delivered to Students Enrolling in ME 964: Special Advanced Topics in Mechanical Engineering, taught by Prof. Vadim Shapiro, Delivered Online, October 2012.

134. Keynote Address, *Material Ecology: Biomimetic Digital Fabrication*, International Conference on Additive Manufacturing, Nottingham, UK, July 2012.

135. Keynote Address, *Fabricating Nature,* International Conference on Additive Manufacturing & 3D-Printing, Loughborough University, Loughborough, UK, July 2012.

136. *Mediated Matter: Biologically Inspired Digital Design and Fabrication*, NSF Summer Institute on Nanomechanics, Nanomaterials and Micro/Nanomanufacturing, Cambridge, MA, May 2012.

137. Featured Speaker, *Design by Nature,* ACSA, Digital Aptitudes Conference, Association of Collegiate Schools of Architecture, Boston, MA, March 2012.

138. Distinguished Lecturer, *Finding Form*, 2012 Newcomb-Tulane College Lecture, Tulane University, New Orleans, LA, March 2012.

139. Keynote Address, O*n Creativity and Innovation*, OFF Event, Montreal, Canada, March 2012.

140. Master-Series Speaker, *Mediated Matter*, Green Fabrication, Green Build International Conference and Expo, Toronto, Canada, October 2011.

141. Invited Speaker, *Finite Element Synthesis*, VRAP Conference, Advanced Research in Virtual and Rapid Prototyping, Leiria, Portugal, September 2011.

142. Keynote Address, *How to Print a Tree: Functionally Graded Digital Fabrication*, VRAP Conference, Advanced Research in Virtual and Rapid Prototyping, Leiria, Portugal, September 2011.

143. Keynote Address, Cross*roads 2011: Disruptive Innovations That Will Shape the Future of Supply Chains,* Industrial Liaison Program and Center for Transportation and Logistics, Massachusetts Institute of Technology, Cambridge, MA, June 2011.

144. Keynote Address, *Mediated Matter*, FABRICATE, Design Computation Conference, London, UK, April 2011.

145. Keynote Address, Campus Preview Weekend, Massachusetts Institute of Technology, Cambridge, MA, April 2011.

146. Keynote Address, *Mediated Matter*, Faculty in Design Speaker Series, OCAD University, Toronto, Canada, March 2011.

147. Invited Speaker, *Creativity in Material Fabrication*, CHANEL, Industrial Liaison Program, Massachusetts Institute of Technology, Cambridge, MA, December 2010.

148. Keynote Address, *Variable-Property Digital Fabrication, Distribution, Modeling, and Construction: Shifting Dialogues*, SIGRADI 2010, XIV Congress of Iberoamerican Society of Digital Graphics, Bogota, Colombia, Delivered Online, November 2010.

149. Keynote Address, *Mediated Matter*, Distribution, Modeling, and Construction: Shifting Dialogues, SIGRADI 2010, XIV Congress of Iberoamerican Society of Digital Graphics, Bogota, Colombia, November 2010.

150. Keynote Address, *Mediated Matter*, Change Order: The Future of Design Learning, BUILD BOSTON Architecture Convention and Trade Show, Hosted by Boston Architectural College (BAC), Boston, MA, November 2010.

151. Keynote Address, *Creativity: Beyond the Box,* Bucknell Forum, Bucknell University, Lewisburg, PA, October 2010.

152. Keynote Address, *Mediated Matter*, Tijuana Innovadora 2010, CECUT (Cultural Center) Tijuana, Mexico, October 2010.

153. Keynote Address, *Mediated Matter*, David H. Liu Memorial Lecture Series in Design, Design Program, Stanford University, Stanford, CA, October 2010.

154. Panel Speaker, *Good Idea*, Boston Book Festival, Boston Public Library, Boston, MA, October 2010.

155. Panel Moderator, *Writing on the Walls: Telling a Story with Architecture*, Boston Book Festival, Boston Public Library, Boston, MA, October 2010.

156. *Mediated Matter,* Apple Industrial Design Group, Cupertino, CA, July 2010.

157. Invited Speaker, Science FOO Camp (SciFOO) 2010, Googleplex, Mountain View, California, July 2010.

158. Keynote Address, *Contemporary Practice: Beyond the Crisis*, KTH, Stockholm, Sweden, May 2010.

159. Invited Speaker, *The Origin of Form,* Pop!Tech Conference: America Re-imagined, Camden, ME, October 2009.

160. Keynote Address, MIT, IT, and I, PDS IT Technology Conference, Midwest Airlines Center, Milwaukee, WI, October 2009.

161. Invited Speaker, *The Broken Model Theory of Innovation*, Business Innovation Factory (BIF-5), Collaborative Innovation Summit, Trinity Rep, Providence, RI, October 2009.

162. Keynote Address, *Code and Gradient*, COP kreativ: We Are the New Green Design Conference, Copenhagen, Denmark, September 2009.

163. Panel Presentation, *New Forms of Design*, Hosted by Paola Antonelli, EXD'09: Experimental Design Conference, Lisbon, Portugal, September 2009.

164. Invited Speaker, Science FOO Camp (SciFOO) 2009, Googleplex, Mountain View, CA, July 2009.

165. Panel Discussion, *New Generation Thinking*, 100 Most Creative People Event, Fast Company, New York, NY, June 2009.

166. Invited Speaker, *The Broken Model of Innovation*, The State of Innovation Summit, SEED and the Council on Competitiveness, Washington, DC, June 2009.

167. Panel Discussion: *The History of the Future on Technology*, Moderated by Prof. Antoin Picon, Respondents: Wes Jones, Reinhold Martin, and Neri Oxman; Graduate School of Design, Harvard University, Cambridge, MA, May 2009.

168. Keynote Address, *Towards a Material Architecture*, MATERIAL XPERIENCE, Materia Utrecht, The Netherlands, February 2009.

169. Keynote Address, *Craft by Ecology*, Revolution Conference, SNAG: Society of North American Goldsmiths, University of Philadelphia, Philadelphia, PA, February 2009.

170. Panel Discussion, *Discussions in Architecture*, Parametric Performances, Graduate School of Design, Harvard University, Cambridge, MA, December 2008.

171. Invited Speaker, *Notes on Difference,* Parametric Performances, Graduate School of Design, Harvard University, Cambridge, MA, December 2008.

172. Invited Speaker, *Natural Artifice*, Wiesner Art Museum Lecture Series, Minneapolis, MN, October 2008.

173. Invited Speaker, *Towards a Material Architecture*, ID@GT, The Industrial Design Program at Georgia Tech, Fall 2008 Semester Activities, Nature in Design, Georgia Tech University, Atlanta, GA, October 2008.

174. Invited Speaker, *Code and Gradient*, Preston H. Thomas Memorial Lecture Series, Architecture of Disbelief Symposium, School of Architecture, Cornell University, Cornell, NY, October 2008.

175. Keynote Address, *Rapid Gestalt(en),* Euro U-Rapid Conference, Berlin, Germany, September 2008.

176. Invited Speaker, *Notes on Difference*, Digital Design Division Lecture Series, Skidmore, Owings & Merrill LLP, New York, NY, July 2008.

177. Invited Speaker, *Towards a Material Architecture*, Thyssen-Bornemisza Art Contemporary (T-B A21) Symposium, Lopud, Croatia, May 2008.

178. Invited Speaker, *Notes on Difference*, Reykjavik Exhibition Marathon, Curated by Hans Ulrich Obrist, Ólafur Elíasson, and the Serpentine Gallery in London, Reykjavik Art Museum, Iceland, May 2008.

179. Invited Speaker, *Making Difference: Towards Material Based Architecture*, UC Berkeley, Department of Architecture, Berkeley, CA, April 2008.

180. Invited Speaker, *Making Difference,* AIA: American Institute of Architects, Lecture Series, New York, NY, April 2008.

181. Invited Speaker, *Making Difference,* MIND 08, The Design and the Elastic Mind Symposium, Hosted by SEED, MoMA, and Parsons: The New School for Design, New York, NY, April 2008.

182. Invited Speaker, *Natural Artifice,* Presenting Work Displayed at MoMA, Simpson Gumpertz & Heger Engineering of Structures and Building Enclosures, Waltham, MA, April 2008.

183. Panel Discussion, *Digital Gets Physical*, DLD (Digital, Life, Design) Conference, Munich, Germany, January 2008.

184. Panel Discussion, *Code and Gradient*, DLD (Digital Life Design) Conference, Munich, Germany, January 2008.

185. Invited Speaker, *Natural Artifice*, MoMA/SEED Salon, Moderated by Paola Antonelli and Adam Bly, Museum of Modern Art, New York, NY, October 2007.

186. Invited Speaker, UbiComp: The 9th International Conference for Ubiquitous Computing Transitive Materials: Towards an Integrated Approach to Material Technology, Co-Directed with the Ambiance Intelligence Group, MIT Media Lab, Tyrol, Austria, September 2007.

187. Invited Speaker, *Material Ecology in Design*, VDS 2.0 (Vehicle Design Summit), Massachusetts Institute of Technology, Cambridge, MA, 2007.

188. Invited Speaker, *Camp Fire Architecture(s): Towards Performance Based Design,* Digital Cities Conference, Sponsored by DAAD and Dessau Institute of Architecture, Dessau, Germany, April 2007.

189. Invited Speaker, CAADRIA: The Association for Computer-Aided Architectural Design Research in Asia, Digitization and Globalization, Southeast University, Nanjing University, Nanjing, China, April 2007.

190. Invited Speaker, *Design and Biomimetics*, Yale University School of Architecture, New Haven, CT, 2005.

191. Invited Speaker, *Building Skins: An Inquiry into Biomimetics*, KPF Biomimetics Workshop, New York, NY, 2005.

192. Invited Speaker, *Rapid Craft,* CAAD Futures, Vienna University of Technology, Vienna, Austria, 2005.

193. Invited Speaker, *Performative Morphologies—The Vertical Helix*, FEIDAD Design Merit Award Recipient Presentation, Graduate Institute of Architecture, National Chiao Tung University, Taipei, Taiwan, 2005.

194. Invited Speaker, *Performative Morphologies—The Vertical Helix,* Lecture in the Framework of the Course: Landscapes of Intensity, Cartographies of Desire, Master Course Instructed by Neil Leach, Bauhaus, Dessau, Hosted by Space Syntax, London, UK, 2005.

195. Invited Speaker, Differe*ntiated Component Systems: Towards a Paradigm of Efficiency through Effectiveness*, KPF Research Inaugural Lecture, KPF, London VCON to KPF, New York, NY, 2005.

196. Invited Speaker, *Design Computing and Cognition*, Massachusetts Institute of Technology, Cambridge, MA, 2005.

197. Invited Speaker, *The Performative Module: A Study of Vertically Oriented Helical Structures*, Rice School of Architecture, Houston, TX, 2004.

198. Invited Speaker, *Performative Morphologies*, Architecture and Digital Integration: A Symposium, The Royal Society of Arts, Gehry Technologies, London, UK, 2004.

199. Invited Speaker, *Performative Morphologies*, Emergence—Morphogenetic Design Strategies Symposium, AD Wiley Academy and Architectural Association, Architectural Association, London, UK, 2004.

200. Invited Speaker, ACADIA AIA – TAP 2004, Conference on Fabrication, Toronto, Ontario, Canada, 2004.

201. Invited Speaker, *After the High-Rise,* Diploma Project Presentation, Tokyo University, Tokyo, 2004.

202. Invited Speaker, *Performative Morphologies: Towards Time and Condition-Based Architecture*, AHO Oslo School of Architecture, Oslo, Norway, 2003.

Major Projects

Permanent Collections

1. *Totems,* 1 column, **Centre Pompidou,** Paris, France, curated by Valérie Guillaume. Since June 2022.
2. *Glass II*, 1 column, **Museum of Modern Art**, New York, NY. Since November 2018.
3. *Lazarus,* 1 mask, **Museum of Modern Art,** New York, NY. Since October 2018.
4. *Glass II,* 3 columns and 12 pieces, **Museum of Modern Art,** New York, NY. Since October 2018.
5. *Glass II*, 1 column, **Mori Art Museum**, Tokyo, Japan. Since October 2018.
6. *Aguahoja I,* pavilion, **San Francisco Museum of Modern Art,** San Francisco, CA. Since September 2018.
7. *Glass 3D Printer*, **MIT Museum**, Cambridge, MA. Since July 2018.
8. *Aguahoja I, Hex 3*, **National Academy of Sciences,** Washington DC Since July 2018.
9. *Vespers*, **National Gallery of Victoria**, Melbourne, Australia, curated by Simone LeAmon and Ewan McEoin. Since July 2018.
10. *Glass I*, 4 objects, **Museum of Science**, Boston, MA, curated by Rebecca Melius. Since June 2017.
11. *Glass I*, 4 objects, **MIT Museum**, Cambridge, MA. Since May 2016.
12. *Glass I*, 4 objects, **Cooper Hewitt, Smithsonian Design Museum**, New York, NY, curated by Ellen Lupton. Since May 2016.
13. *Gemini*, *Acoustical Chaise*, **San Francisco Museum of Modern Art**, San Francisco, CA, curated by Jennifer Dunlop Fletcher. Since April 2015.
14. *Imaginary Beings,* 7 works (*Minotaur Head with Lamella, Minotaur Head with Sutures, Gravida, Doppelganger, Medusa 2, Arachne, Daphne*), **Museum of Modern Art**, New York, NY, curated by Paola Antonelli. Since December 2014.
15. *Fibonacci's Mashrabiya*, 1 work, **Cooper Hewitt, Smithsonian Design Museum**, New York, NY, curated by Matilda McQuaid. Since December 2014.
16. *Imaginary Beings*, 2 works (Minotaur Head with Sutures, Medusa 2), **MAK Museum of Applied Arts**, Vienna, Austria, curated by Thomas Geisler. Since June 2014.
17. *Anthozoa*, **Museum of Fine Arts**, Boston, MA, curated by Michelle Finamore. Since September 2013.
18. *Imaginary Beings*, 8 works (*Medusa 1, Leviathan 2, Minotaur Head with Lamella, Pneuma 1, Pneuma 2, Kafka, Remora, Doppelganger*), **Centre Pompidou**, Paris, France, curated by Valérie Guillaume. Since May 2012.
19. *Collection of Works by Neri Oxman*, **Museum of Science**, Boston, MA, curated by Lisa Monsrose and Azriel Shiloh. Since 2009.
20. *Natural Artifice*, 8 works (*Raycounting, Monocoque*), **FRAC Collection for Art and Architecture**, Orleans, France, curated by Marie-Ange Brayer. Since March 2009.
21. *Raycounting,* 1 work, **Thyssen-Bornemisza Art Contemporary** (**TBA21**), Vienna, Austria. Since June 2009.
22. *Natural Artifice*, 10 works (*Monocoque*, 3 works; *Raycounting*, 3 works; *Subterrain*, 3 works; *Cartesian Wax*, 1 work), **Museum of Modern Art**, New York, NY, curated by Paola Antonelli. Gift of the Contemporary Arts Council. Since February 2008.

Major Exhibitions

**Indicates inclusion in permanent collections of indicated museums*

1. *Aguahoja,* 2D Pieces, Woven Histories: Textiles and Modern Abstraction, **MoMA**, curated by Lynne Cooke, New York, NY, April – September 2025.
2. *Aguahoja,* 2D Pieces, Woven Histories: Textiles and Modern Abstraction, **National Gallery of Canada**, curated by Lynne Cooke, Ottawa, Ontario, October 2024 – March 2025.
3. *Aguahoja,* 2D Pieces, Woven Histories: Textiles and Modern Abstraction, **National Gallery of Art**, curated by Lynne Cooke, Washington, DC, March – July 2024.
4. *Aguahoja,* 2D Pieces, Woven Histories: Textiles and Modern Abstraction, **Los Angeles County Museum of Art**, curated by Lynne Cooke, Los Angeles, CA, September 2023 – January 2024.
5. *Silk Pavilion II,* Video, Contemporary Art Where Architecture and Art Meet, **Cheongju Museum of Art,** Cheongju, South Korea, August – November 2023.
6. *Wanderers* (*Zuhal*, *Otaared*), Fashions Fictions, **Vancouver Art Gallery,** curated by Diana Freundl, Vancouver, Canada, May – October 2023.
7. *Synthetic Apiary II,* Women in Design, **Montreal Museum of Fine Arts,** curated by Jennifer Laurent, Montreal, Canada, February – June 2023.
8. *Pneuma* and *Synthetic Apiary II,* Video, AI: More Than Human, **Afundación**, curated by Suzanne Livingston and Maholo Uchida, A Coruña, Spain, September 2022 – February 2023.
9. *Totems* and *Vespers,* Videos, Synthetic Ecology, **Beijing Art and Technology Biennale**, curated by Naiyi Wang, Beijing, China, September 2022 – January 2023.
10. *Stalasso* and *Imaginary Beings* (*Medusa 1, Remora, Doppelgänger*), Mimèsis: Un Deisgn Vivant, **Centre Pompidou-Metz,** curated by Marie-Ange Brayer and Olivier Zeitoun, Metz, France, June 2022 – February 2023.
11. *Synthetic Apiary II,* 3 Bee Cubes, *Synthetic Apiary I*, Video, The Imitation Game: Visual Culture in the Age of Artificial Intelligence, **Vancouver Art Gallery,** curated by Bruce Grenville, Vancouver, Canada, March – October 2022.
12. *Aguahoja,* 2D Pieces, Conserving Active Matter, **Bard Graduate Center,** curated by Soon Kai Poh and Peter N. Miller, New York, NY, March – July 2022.
13. *Monograph,* Nature x Humanity: OXMAN Architects, **SFMOMA,** curated by Jennifer Dunlop Fletcher, San Francisco, CA, February – May 2022.
14. *Silk Pavilion,* Video, Radical Curiosity, In the Orbit of Buckminster Fuller, **ArtScience Museum**, curated by Rosa Pera and José Luis de Vicente, Singapore, January 2022.
15. *Wanderers,* Image, The World is in You, **Kunsthal Charlottenborg**, curated by Jacob Lillemose, Copenhagen, Denmark, September 2021 – January 2022.
16. *Silk Pavilion,* Images, A Festival of Cooperation, **Literaturhaus Berlin**, curated by Asmus Trautsch, Berlin, Germany, September – October 2021.
17. *Silk Pavilion*, Video, Matériauthèque, International Design Biennial, **Cité du Design**, curated by Valentine Vila y Vicens, Saint-Étienne, France, April – August 2021.
18. *Wanderers* and *Mushtari*, Videos, 2021: Another Space Odyssey, **GYRE**, curated by Yohsuke Takahashi, Tokyo, Japan, February – April 2021.
19. *Totems,* Video and Vials Tray, Sun Rise|Sun Set, **Schinkel Pavilion**, curated by Agnes Gryczkowska, Berlin, Germany, February 2021.

20. *Stalasso* and *Imaginary Beings* (*Medusa 1, Remora, Doppelgänger*), Design and the Wondrous, **Centre Pompidou x West Bund**, curated by Marie-Ange Brayer and Olivier Zeitoun, Shanghai, China, November 2020 – February 2021. *

21. *Silk Pavilion II*, **Integral Textile Facility**, Guilin, China, Since November 2020 (10 Year Loan).

22. *Silk Pavilion*, Video, Radical Curiosity. In the Orbit of Buckminster Fuller, **Espacio Fundación Telefónica**, curated by Rosa Pera and José Luis de Vicente, Madrid, Spain, September 2020 – March 2021.

23. *Hybrid Living Materials,* Video, **Ars Electronica Festival**, curated by Karla Spiluttini, Linz, Austria, September 2020.

24. *Krebs Cycle of Creativity*, Common Knowledge, **Staatliche Kunstsammlungen Dresden**, curated by Thomas Geisler and Aline Lara Rezende, Dresden, Germany, June – November 2020.

25. *Monograph*, Neri Oxman: Material Ecology, **MoMA**, curated by Paola Antonelli and Anna Burckhardt, New York, NY, May – October 2020.

26. *Vespers Collection,* AI exhibition, **Groninger Forum**, curated by Luke Kemp, Groninger, Netherlands, December 2019 – May 2020.

27. *Work of Neri Oxman and The Mediated Matter Group,* The Future of Arts, **Mori Art Museum,** curated by Kondo Kenichi, Tokyo, Japan, November 2019 – March 2020.

28. *Krebs Cycle of Creativity* and *The Age of Entanglement,* Common Knowledge, **BIO 26 Biennial of Design**, curated by Thomas Geisler and Aline Lara Rezende, Ljubljana, Slovenia, November 2019 – February 2020.

29. *Vespers III*, 4 works, Designs for Different Futures, **Philadelphia Museum of Art**, curated by Kathryn B. Hiesinger and Michelle Millar Fisher, Philadelphia, PA, October 2019 – March 2020.

30. *Cartesian Wax*, 1 work, Energy exhibition, **MoMA,** curated by Paola Antonelli, New York, NY, October 2019 – January 2020.

31. *Vespers Collection*, Exhibition Body Control, **Museum Arnhem**, curated by Anne-Karlign van Kesteren, Arnhem, Netherlands, October 2019 – January 2020.

32. *Wanderers: An Astrobiological Exploration,* 2 works, Far Out: Suits, Habs, and Labs for Outer Space, **SFMOMA**, curated by Jennifer Dunlop Fletcher and Joseph Becker, July 2019 – January 2020.

33. *Aguahoja II,* Nature, **Cooper Hewitt, Smithsonian Design Museum Triennial**, curated by Caitlin Condell, Andrea Lipps, and Matilda McQuaid, New York, NY, May 2019 – January 2020.

34. *Aguahoja II Wall,* **Cube Design Museum**, curated by Madeleine van Daele, Kerkrade, Netherlands, May 2019 – January 2020.

35. *Vespers Collection,* AI exhibition, **Barbican Center**, curated by Luke Kemp, London, UK, May – August 2019.

36. *Glass I,* Image, **MuseoParc Alesia**, Burgundy, France, April – November 2019.

37. *Silk Pavilion, Grown Structures,* and *Mushtari,* Video Exhibition, Resilience Frontiers, **Songdo Convensia**, curated by Laureline Krichewsky, Incheon, Korea, April 2019.

38. *Works by Neri Oxman*. Broken Nature: Design Takes on Human Survival, **Triennale International Exhibition**, curated by Paola Antonelli, Milan, Italy, March – September 2019.

39. *Vespers Collection*, Smart City: People, Technology, and Materials, **Milan Design Week**, curated by Giulio Ceppi, Milan, Italy, March – April 2019.

40. *Aguahoja Wall*, La Fabrique du Vivant, **Centre Pompidou**, curated by Marie-Ange Brayer, Orleans, France, February – April 2019.

41. *Wanderers: An Astrobiological Exploration*, The Moon, **Louisiana Museum of Modern Art**, curated by Marie Laurberg, Humlebæk, Denmark, September 2018 – January 2019.

42. *Works by Neri Oxman,* **Victoria and Albert Museum**, curated by Adam Štěch, London, UK, September 2018.

43. *Vespers: A Collection of Death Masks,* 7 works, Beijing Media Art Biennale: Post Life, **China Academy of Fine Arts**, Beijing, China, September 2018.

44. *Aguahoja I*, 4 works, Cultural Programs, West Gallery, **National Academy of Sciences**, curated by J.D. Talasek, Washington, DC, March – July 2018.

45. *Vespers: A Collection of Death Masks*, 15 works, NGV Triennial, **National Gallery of Victoria**, curated by Simone LeAmon and Ewan McEoin, Melbourne, Australia, December 2017 – March 2018. *

46. *Aguahoja I,* The Mediated Matter Group, **MIT Media Lab**, Cambridge, MA, February 2018.

47. *Wanderers: An Astrobiological Exploration*, 3 works, *Carpal Skin*, 1 work, Technology and the Creative Beyond, **Kennedy Center for the Performing Arts**, curated by Valerie Fletcher, Washington, DC, July – August 2017.

48. *Imaginary Beings: Mythologies of the Not Yet,* 1 work (*Kafka*), 3D Printing the World, **Espacio Fundación Telefónica**, curated by Carmen Baselga and Héctor Serrano, Peru, Argentina, and Mexico. December 2017 – October 2018.

49. *Vespers: A Collection of Death Masks*, 5 works, Alienation, Momentum 9 Nordic Biennial for Contemporary Art, **Momentum Kunsthall,** curated by Ilari Laamanen, Moss, Norway, June – October 2017.

50. *Synthetic Apiary*, Video Installation, Alienation, Momentum 9 Nordic Biennial for Contemporary Art, **Momentum Kunsthall,** curated by Ilari Laamanen, Moss, Norway, June – September 2017.

51. *Glass II,* The Mediated Matter Group, LEXUS YET, **La Triennale di Milano**, Milan, Italy, April 2017.

52. *Works by Neri Oxman*, Wicked Smart, **Museum of Science**, curated by Bobbie Oakley, Boston, MA, March – December 2017. *

53. *Vespers: A Collection of Death Masks*, 6 works, Imprimer le Monde, **Centre Pompidou**, curated by Marie-Ange Brayer, Orleans, France, March – June 2017.

54. *Wanderers: An Astrobiological Exploration*, **ArtScience Museum**, curated by Nanjo Fumio and Tsubaki Reiko, Singapore, February – June 2017.

55. *Silk Pavilion*, Video Exhibition, Super Material, **The Building Centre**, London, UK, February – April 2017.

56. *GLASS*, MIT Traveling Exhibition, **MIT Campaign Roadshow**, January – May 2017.

57. *Vespers*: *A Collection of Death Masks*, 15 works, Fear and Love, **Design Museum London**, curated by Justin McGuirk, London, UK, November 2016 – April 2017.

58. *GLASS*, Beauty: National Design Triennial, **San Jose Museum of Art**, curated by Ellen Lupton and Andrea Lipps, San Jose, CA, October 2016 – January 2017.

59. *Wanderers: An Astrobiological Exploration*, Beauty: National Design Triennial, **San Jose Museum of Art,** curated by Ellen Lupton and Andrea Lipps, San Jose, CA, October 2016 – January 2017.

60. *Wanderers: An Astrobiological Exploration*, The Universe and Art: Princess Kaguya, Leonardo da Vinci, Team Lab, **Mori Art Museum**, curated by Nanjo Fumio and Tsubaki Reiko, Tokyo, Japan, July 2016 – January 2017.

61. *GLASS*, BOZAR Electronic Art Festival, **BOZAR**, curated by Katharina Bienert, Brussels, Belgium, September 2016.

62. *Water-Based Digital Fabrication*, BOZAR Electronic Art Festival, **BOZAR**, curated by Katharina Bienert, Brussels, Belgium, September 2016.

63. *GLASS*, Ars Electronica Festival, **POSTCITY**, curated by Gerfried Stocker, Linz, Austria, September 2016.

64. *Water-Based Digital Fabrication*, Ars Electronica Festival, **POSTCITY**, curated by Gerfried Stocker, Linz, Austria, September 2016.

65. *GLASS*, Between Solid and Liquid: Centenary Celebrations, **MIT Museum**, curated by Ann Neuman, Cambridge, MA, March – September 2016. *

66. *Anthozoa: Cape and Skirt*, TechStyle, **Museum of Fine Arts**, curated by Michelle Finamore, Boston, MA, March – July 2016. *

67. *GLASS*, Beauty: National Design Triennial, **Cooper Hewitt, Smithsonian Design Museum**, curated by Ellen Lupton and Andrea Lipps, New York, NY, February – August 2016. *

68. *Wanderers: An Astrobiological Exploration*, Beauty: National Design Triennial, **Cooper Hewitt, Smithsonian Design Museum**, curated by Ellen Lupton and Andrea Lipps, New York, NY, February – August 2016.

69. *Wanderers: An Astrobiological Exploration*, Image Exhibition, Exo-Evolution, **ZKM Center for Art and Media Karlsruhe**, curated by Peter Weibel, Karlsruhe, Germany, October 2015 – February 2016.

70. *Wanderers: An Astrobiological Exploration*, Domestic Futures, **National Design Museum Stockholm**, curated by Lisanne Fransen, Stockholm, Sweden, September – November 2015.

71. *Imaginary Beings*, This Is for Everyone: Design Experiments for the Common Good, **MoMA,** organized by Paola Antonelli, Senior Curator, and Michelle Fisher, Curatorial Assistant, Department of Architecture and Design, New York, NY, February 2015 – January 2016. *

72. *Fibonacci's Mashrabiya*, Making Design, **Cooper Hewitt, Smithsonian Design Museum**, curated by Matilda McQuaid, New York, NY, December 2014 – June 2015. *

73. *Wanderers: An Astrobiological Exploration,* The Sixth Element: Unveiling the Natural Beauty of 3D Printing, Euromold, organized by Naomi Kaempfer, Stratasys Ltd., **Euromold Exhibition Hall**, Frankfurt, Germany, November 2014.

74. *Coral Pavilion*, The Mediated Matter Group, **MIT Media Lab**, curated by Neri Oxman, Cambridge, MA, October 2014 – January 2015.

75. *Gemini: Acoustic Chaise Lounge*, Vocal Vibrations, **Le Laboratoire**, directed by David Edwards, Cambridge, MA, October 2014 – March 2015.

76. *Imaginary Beings*, EXEMPLARY: 150 Years of the MAK from Crafts to Design, **MAK: Museum of Applied Arts**, organized by Guest Curator Tulga Beyerle and MAK Curator Thomas Geisler, Vienna, Austria, June – October 2014. *

77. *Silk Pavilion*, Video Exhibition, Synthetic Aesthetics Book Launch, **Victoria and Albert Museum**, curated by Daisy Ginsburg, London, UK, April 2014.

78. *Gemini: Acoustic Chaise Lounge*, Vocal Vibrations, **Le Laboratoire**, directed by David Edwards, Paris, France, March – September 2014.

79. *Materialecology Project*, A Collection of Ideas, **MoMA**, organized by Paola Antonelli and Kate Carmody, Department of Architecture and Design, New York, NY, February 2014 – January 2015.

80. *Anthozoa: Cape and Skirt*, Out of Hand, Materializing the Postdigital, **Museum of Art and Design**, curated by Ronald T. Labaco, New York, NY, October 2013 – July 2014. *

81. *Imaginary Beings*, 3D-Printing the Future, **London Museum of Science**, curated by Suzy Antoniw, London, UK, October 2013.

82. *Bots of Babel*, Close Closer, **Lisbon Architectural Triennial**, curated by Liam Young, Lisbon, Portugal, September 2013.

83. *Anthozoa: Cape and Skirt*, Fashion & Technology, **Museum of Fine Arts**, curated by Michelle Finamore, Boston, MA, September 2013.

84. *Imaginary Beings: Mythologies of the Not Yet*, Naturalizing Architecture, ArchiLab 2013, **FRAC Centre**, curated by Marie-Ange Brayer (FRAC Centre) and Frederic Migarou (Centre Pompidou), Orleans, France, September 2013.

85. *Anthozoa: Layer by Layer, Cape and Skirt,* **London College of Fashion**, curated by the College of Fashion, London, UK, April 2013.

86. *Silk Pavilion I*, The Mediated Matter Group, **MIT Media Lab**, Cambridge, MA, April 2013.

87. *Raycounting*, Nature's Toolbox: Biodiversity, Art and Invention, Traveling Exhibition, curated by artworksforchange.org, **Ulrich Museum of Art**, Wichita, KS, August – December 2013.

88. *Anthozoa: Cape and Skirt*, in collaboration with Iris Van Herpen, 3D Printed Dress, **Paris Fashion Week**, Winter Collection, Paris, France, January 2013.

89. *Material Ecology*, *selected works*, Art-O-Matic: Art Meets New Technologies, **The Clay and Glass Gallery**, curated by Christian Bernard Singer, Waterloo, Canada, October 2012 – March 2013.

90. *Imaginary Beings*: *Mythologies of the Not Yet*, *selected works*, 3D-Printing SHOW, organized by Rachel King, **The Brewery EC1Y 4SD**, London, UK, October 2012.

91. *Raycounting*, Nature's Toolbox: Biodiversity, Art and Invention, Traveling Exhibition, curated by artworksforchange.org, **The Field Museum**, Chicago, IL, May – December 2012.

92. *Imaginary Beings: Mythologies of the Not Yet*, 18 works, Multiversites Creatives, **Centre Pompidou**, curated by Valerie Guillaume, Paris, France, May – August 2012. *

93. *Fibonacci's Mashrabiya* (Stalasso, Re-envisioned), Prototype for an Air Shaping Wall Screen, 2 works, MathAlive, Ripley Center, International Gallery, **The Smithsonian Institution**, organized by Jennifer Wallace, Evergreen Exhibitions, Washington DC, March – June 2012. *

94. *Monocoque*, 2 works, Material World Exhibition, **Danish Architecture Center**, curated by Annica Carina Tomasdotter Ekdahl, Copenhagen, Denmark, March – June 2012.

95. *Raycounting*, 1 work, Neri Oxman: At the Frontier of Ecological Design, Gordon Current Science & Technology Center, Blue Wing, **Museum of Science**, Ongoing Collection, curated by Lisa Monsrose and Azriel Shiloh, Boston, MA, January 2012. *

96. *Collection of Works by Neri Oxman*, Emerging Talent Emerging Technologies, Beijing Biennale, **World Art Museum**, curated by David Ruy, Neil Leach, and Xu Wei-Guo, Beijing, China, 2010.

97. *Natural Artifice*, 10 works, Action: Design over Time, **Museum of Modern Art**, curated by Paola Antonelli, New York, NY, February 2010 – January 2011. *

98. *Natural Artifice*, Collection of Works on Loan from the Museum of Science, Boston, BUILD BOSTON, Architecture Convention and Trade Show, Change Order: The Future of Design Learning, **Boston Architectural College** (**BAC**), Curated by BAC, Boston, MA, 2010. *

99. *Raycounting*, 1 work, Maps for the 21st Century, An Edge-Serpentine Gallery Event, **Serpentine Gallery**, curated by Hans Ulrich Obrist and John Brockman, London, UK, October 2010.

100. *Collection of Works by Neri Oxman*, At the Frontier of Ecological Design, Gordon Current Science & Technology Center, Blue Wing, **Museum of Science**, curated by Lisa Monsrose and Azriel Shiloh, Boston, MA, August 2009 – February 2010. *

101. *Raycounting*, 1 work, Parametric Prototypes: New Computational Paradigms in Architecture, International Exhibition, **The University of Hong Kong**, curated by Tom Verebes, Xi'an, China, October 2009.

102. *Raycounting*, 1 work, Transitory Objects, **Thyssen-Bornemisza Art Contemporary** (**TBA21**), Vienna, Austria, July 2009 – March 2010. *

103. *Natural Artifice*, 3 works, Youniverse, International Biennale of Contemporary Art, **Centro Andaluz de Arte Contemporaneo** (CAAC), curated by Peter Weibel and Marie-Ange Brayer, Seville, Spain, October 2008 – January 2009.

104. *Collection of Works by Neri Oxman*, Emerging Talent Emerging Technologies, Beijing Biennale, **World Art Museum**, curated by Neil Leach and Xu Wei-Guo, Beijing, China, October – November 2008.

105. *Monocoque*, scale reproductions of work originally produced for Design and the Elastic Mind at MoMA, **SIGRAAPH**, Los Angeles, CA, February – May 2008. *

106. *Natural Artifice*, Design and the Elastic Mind, **Museum of Modern Art**, curated by Paola Antonelli and Patricia Juncosa, New York, NY, February – May 2008. *

107. *Rapid Craft*, The Harold & Arlene Schnitzer Prize in the Visual Arts (Exhibit Portion of Award), **Wiesner Art Gallery**, Massachusetts Institute of Technology, curated by the Council for the Arts, MIT, Cambridge, MA, May 2007.

108. *Collection of Works by Neri Oxman*, Emerging Talent Emerging Technologies, Beijing Biennale, **World Art Museum**, curated by Neil Leach and Xu Wei-Guo, Beijing, China, July 2006.

109. *Performative Morphologies*, Archiprix International, **CAN Centrum Nove Architektury**, Ostrava, Czech Republic, February – March 2006.

110. *Performative Morphologies*, Archiprix International, **CAN Centrum Nove Architektury**, Glasgow, Scotland, May 2005.

111. *Collection of Student Works*, Emergence and Design Group, Frei Otto Atelier & Maeda Workshop Exhibition, **Architectural Association Exhibition Gallery**, Project Leaders: Michael Hensel, Michael Weinstock, Achim Menges, Edouard Cabay, curated by the Architectural Association, London, UK, 2004.

112. *Jyyaskyla Music and Arts Center* – Phase 02, Architects: OCEAN NORTH, Neri Oxman: Member of Model-Making Team, Beijing Biennale, curated by Ciro Najle, Beijing, China, 2004.

113. *Jyvaskyla Music and Arts Center* – Phase 02, Architects: OCEAN NORTH, Neri Oxman: Member of Model-Making Team, 'Metamorph,' 9th International Architectural Exhibition, Italian Pavilion, Venice Biennale, curated by Kurt W. Forster, Venice, Italy, 2004.

114. *Helical Morphologies*, An Open Model for Differentiation, Exhibition Title: Architectural Association Now, Mestna Galerija, Ljubljana, Slovenia, 2004.

115. *A New World Trade Center*, New York, NY, Design Study, Phase 2, design by OCEAN NORTH, Neri Oxman: Model-Making Collaboration, originally commissioned by Max Protech Gallery, curated by Max Protech Gallery, New York, NY, 2004.

116. *Performative Morphologies*, AHO – Oslo School of Architecture, Exhibitions of Design Work and Participation in Preparation of Exhibits for Emergence and Design Group, AA and OCEAN NORTH London, curated by AHO, Oslo, Norway, 2003.

Built

1. *Vespers: A Collection of Death Masks*, The Mediated Matter Group. Designed for Love and Fear, organized by Justin McGuirk, Design Museum London, London, UK, November 2016.
2. *Foam Dome*, The Mediated Matter Group, Moffett Field Airship Hangar / Hangar One, Mountain View, CA, August 2016.
3. *Rottlace: A Collection*, The Mediated Matter Group. Designed for Bjork Digital, Miraikan Museum, Tokyo, Japan, June 2016.
4. *Wet Lab Atelier*, The Mediated Matter Group, MIT Media Lab, Cambridge, MA, October 2015.
5. *Synthetic Apiary*, The Mediated Matter Group, MIT Media Lab, Cambridge, MA, April 2015.
6. *GLASS*, The Mediated Matter Group, Lobby Installation, MIT Media Lab, Cambridge, MA, April 2015.
7. *Ocean Pavilion*, The Mediated Matter Group, Lobby Installation, MIT Media Lab, Cambridge, MA, November 2014.
8. *Wanderers: An Astrobiological Exploration*, produced by Stratasys. Designed for The Sixth Element: Unveiling the Natural Beauty of 3D Printing, organized by Naomi Kaempfer, Euromold, 2014.
9. *Gemini: Acoustic Chaise Lounge*, collaboration with W. Craig Carter (MIT), produced by Stratasys and Le Laboratoire. Designed for Vocal Vibrations, curated by David Edwards, Le Laboratoire, Cambridge, MA, 2014.
10. *Bots of Babel*, The Mediated Matter Group, Architectural Installation, commissioned by the Lisbon Architectural Triennial. Designed for Close Closer, curated by Liam Young, Lisbon Architectural Triennial, Lisbon, Portugal, 2013.
11. *Anthozoa: Cape and Skirt*, 3D printed garment, in collaboration with Iris Van Herpen and W. Craig Carter (MIT), Paris Fashion Week, Winter Collection, Paris, France, 2013.
12. *Imaginary Beings: Mythologies of the Not Yet*, 18 Objects for the Human Body, in collaboration with W. Craig Carter (MIT) and Joe Hicklin (The Mathworks). Designed for Multiversites Creatives, curated by Valerie Giorm, Centre Georges Pompidou, Paris, France, 2012.
13. *Stalasso: Prototype for an Environmental Skin*, in collaboration with W. Craig Carter (MIT) and Richard Masko (RPM), Centre Georges Pompidou, Paris, France, 2009–2010.
14. *Carpal Skin: Wrist Splint*, in collaboration with W. Craig Carter (MIT), Museum of Science, Boston, MA, 2009–2010.
15. *Beast: Prototype for a Chaise Lounge*, in collaboration with W. Craig Carter (MIT), Museum of Science, Boston, MA, 2008–2010.
16. *Natural Artifice*, A Collection of 10 Structural Prototypes. Designed for Design and the Elastic Mind, curated by Paola Antonelli, Museum of Modern Art, New York, NY, 2008.
17. *DIFA High Rise Building*, Tower, London, UK. Design & Research under Lars Hesselgren (KPF Research Director), Kohn Pedersen Fox Associates, London, UK, 2005.
18. *NAAP Pharmaceuticals*, Labs and Offices, Cambridge, UK. Differentiated Folded Plate Structure, Design & Research under Lars Hesselgren (KPF Research Director), Kohn Pedersen Fox Associates, London, UK, 2005.
19. *Gresham Street*, Office Building Complex, London, UK. Design & Research under Lars Hesselgren (KPF Research Director), Kohn Pedersen Fox Associates, London, UK, 2005.
20. *Dewar Street*, Office Building Complex, Edinburgh, UK. Design & Research under Lars Hesselgren (KPF Research Director), Kohn Pedersen Fox Associates, London, UK, 2006.

Exhibition Design
**Indicates Design with the Mediated Matter Group*

1. *Aguahoja I*, The Mediated Matter Group, MIT Media Lab, Cambridge, MA, 2018.*
2. *YET*, Lexus Design Show, Milan Design Week, Milan, Italy, 2017. *
3. *Glass I*, The Mediated Matter Group, MIT Media Lab, Cambridge, MA, 2015. *
4. *Ocean Pavilion*, The Mediated Matter Group, MIT Media Lab, Cambridge, MA, 2014.* *Silk Pavilion I*, The Mediated Matter Group, MIT Media Lab, Cambridge, MA, 2013.* *Culture Through Comics,* Tomer Hanuka, Sidney-Pacific Gallery, Cambridge, MA, 2007.
5. *Matiere et Memoire*, Keren Oxman & Neri Oxman, Sidney-Pacific Gallery, Cambridge, MA, 2007.
6. *A Matter of Light*, Sriram Krishnan, Sidney-Pacific Gallery, Cambridge, MA, 2006.
7. *Because a Fire Was in My Head*, Dan O'Connor, Sidney-Pacific Gallery, Cambridge, MA, 2006.

Acquired Projects

1. *Digital Construction Platform.* Acquired by NASA.

Memberships & Professional Affiliations

Professional Memberships	**Year**
Royal Designers for Industry, Member	2021
The Long Now Foundation, Member	2021
Art Basel Inside, Founding Member	2018
The Museum of Modern Art (MoMA), Artist Lifetime Member	2015
Boston Museum of Fine Arts (MFA), Artist Lifetime Member	2015
Association of Computer-Aided Design in Architecture (ACADIA), Conference Member	2012
Computer-Aided Architectural Design Research Asia (CAADRIA), Conference Member	2007
Education in Computer-Aided Architectural Design Europe (eCAADe), Conference Member	2007

Other Committees & Services

Advisory Board, WORLD.MINDS	2021
Co-Chair, Gala and Science Fair, New York Stem Cell Foundation	2020
Governing Board, Pershing Square Sohn Cancer Research Alliance	2019
Trustee, The Pershing Square Foundation	2017
Honorary Trustee, The Norman Foster Foundation	2017
Expert Network, XPRIZE Community	2017
Expert Network, World Economic Forum	2017
Cultural Leader, World Economic Forum	2016
Scientific Committee, International Conference on Sustainable Smart Manufacturing, Lisbon, Portugal	2016
Advisory Board, University of Applied Arts (Angewandte), Vienna, Austria	2014
Advisory Council, NEW INC, New Museum, New York, NY	2014
Editorial Board, Frontiers in Digital Humanities, Digital Architecture	2014
Editorial Board, Journal of Computer-Aided Design (CAD)	2014
Editorial Board, Journal of 3D Printing and Additive Manufacturing	2013
Scientific Committee, Sustainable Intelligent Manufacturing Conference, Lisbon, Portugal	2013
Scientific Committee, Advanced Research on Virtual and Rapid Prototyping Conference (VRAP), Lisbon, Portugal	2013

Academic Committees & Service

Award Design, *MIT Media Lab*	Summer 2018	Fall 2018
Award Design, *MIT Media Lab*	Spring 2017	Summer 2017
Dubai Institute of Design and Innovation, Advisory Board Member, *MIT SA+P*	Summer 2016	Summer 2017
Marvin Minsky Lobby Exhibition, Design and Coordination, *MIT Media Lab*	Spring 2016	Spring 2016
Marvin Minsky Home Photo Shoot, Ideation and Coordination, *MIT Media Lab*	Spring 2016	Spring 2016
Faculty Search Committee Member, *MIT MAS*	Fall 2015	Spring 2016
Tokyo Innovative City Forum, Ideation, *MIT Media Lab* (in collaboration with Mori Building Co., Ltd.)	Fall 2015	Fall 2015
JoDS Editorial Board Member, *MIT Media Lab* (in collaboration with The MIT Press)	Fall 2015	Spring 2021
Media Lab Creative Krebs Diagram, Design and Communication, *MIT Media Lab*	Fall 2015	Spring 2021
Space Committee Member, *MIT Media Lab*	Fall 2015	Spring 2016
Marvin Minsky Recognition at the 30th Anniversary, Design and Production, *MIT Media Lab*	Fall 2015	Fall 2015
Yo-Yo Ma Hologram for the 30th Anniversary, Coordination, *MIT Media Lab*	Summer 2015	Fall 2015
Negroponte Gift at the 30th Anniversary, Ideation and Coordination, *MIT Media Lab*	Spring 2015	Fall 2015
Design Minor, Steering Committee Member, *MIT*	Spring 2015	Fall 2015
'Knotty Objects' Design Summit, Co-Ideation and Co-Coordination, *MIT Media Lab*	Spring 2015	Summer 2015
Website Design, Supervision and Support, *MIT Media Lab*	Fall 2014	Fall 2016
Challenge Coin, Design and Coordination, *MIT Media Lab*	Fall 2014	Fall 2015
BL2 Wet Lab Design and Coordination with Facilities, *MIT Media Lab*	Fall 2014	Fall 2015
Departmental Committee on the Doctoral Program, *MIT MAS*	Fall 2014	Spring 2015
Pentagram Graphic Identity Deployment and Ongoing Glyph Design Coordination, *MIT Media Lab*	Spring 2014	Fall 2016
The Future of Art, Design, Science and Engineering Advisory Group Member, *MIT Media Lab*	Spring 2013	Summer 2013
"DnA" Member Week Ideation and Coordination with Prof. Machover, *MIT Media Lab*	Spring 2013	Spring 2013
Lobby Exhibition Committee Member, *MIT Media Lab*	Fall 2013	Spring 2021

Design Committee Member, *MIT Media Lab*	Fall 2011	Spring 2021
Faculty Search Committee Member, *MIT MAS*	Fall 2011	Spring 2013
IPCOM Committee Member, *MIT Media Lab*	Fall 2011	Spring 2013

Invited Member of Design Juries

1. Core77, Student Showcase, New York, NY, 2020.
2. Architizer A+ Awards, New York, NY, 2020.
3. Design Driven Innovation: Make Me++ Hackathon, MIT Media Lab, Cambridge, MA, 2016.
4. Architizer A+ Awards, New York, NY, 2016.
5. Architizer A+ Awards, New York, NY, 2015.
6. Descience: Fashion Show and Fellowship Program, MIT Media Lab, Cambridge, MA, 2014.
7. Architizer A+ Awards, New York, NY, 2014.
8. eVolo 2011: Skyscraper Competition, New York, NY, 2011.
9. eVolo 2010: Skyscraper Competition, New York, NY, 2010.
10. eVolo 2009: Skyscraper Competition, New York, NY, 2009.
11. I.D. Magazine Design Competition, Annual Design Review, New York, NY, 2009.
12. New York City Science and Engineering Fair: Section: Design Engineering, New York, NY, 2009.
13. Graduate Design Studio, Directed by Prof. Karl Chu, Columbia University, New York, NY, 2008.
14. Graduate Workshop Studio: Workshop in Computation 4.553, Dennis Shelden, CTO Gehry
15. Technologies Digital Fabrication | Professional Applications, MIT, Cambridge, MA, 2008.
16. ACADIA 2008: Computer-Aided Design in Architecture and Digital Design Consortium
17. School of Architecture and Computer Science, Silicon & Skin: Biological Processes and Computation, Co-Technical Chair with Prof. Andrew Kudless, University of Minnesota, Minneapolis, MN, 2008.
18. eVolo 2007: Skyscraper Competition, New York, NY, 2007.
19. Graduate Design Studio: (n)Certainties, Studio Francois Roche / Marc Fornes, Columbia University, New York, NY, 2007.
20. Graduate Design Studio: Metallic Formations: CAD/CAM Design, Directed by Prof. Martin Bechthold, Harvard University, Cambridge, MA, 2007.
21. Graduate Design Studio, Boston Architectural College, Boston, MA, 2007.
22. Undergraduate Design Studio, PRATT Institute, New York, NY, 2007.
23. Diploma Unit 4 Open Day, Architectural Association, London, UK, 2005.

Symposia Organized

1. Knotty Objects Design Summit, co-organizer with Paola Antonelli and Kevin Slavin, MIT Media Lab, Cambridge, MA, 2015.
2. Programming Reality: From Transitive Materials to Organic User Interfaces, tutorial in collaboration with Fluid Interfaces Group, MIT Media Lab, Conference on Human Factors in Computing Systems, Boston, MA, 2009.
3. ACADIA 2008, Silicon & Skin: Biological Processes and Computation Computer-Aided Design in Architecture and Digital Design Consortium, co-chair with Andrew Kudless and Mark Swackhamer, Minneapolis, MN, 2008.
4. Computation Group Lecture Series, Department of Architecture, MIT, Cambridge, MA, 2008.
5. Computation Group Lecture Series, Department of Architecture, MIT, Cambridge, MA, 2007.
6. Generative Design Workshop, Advanced Design Graduate Program, Columbia University, New York, NY, 2006.
7. Scripting Environments, Workshop Director, Electronic, MIT Media Lab, Architectural Association, London, UK, 2006.
8. Computation Group Lecture Series, Department of Architecture, MIT, Cambridge, MA, 2006.
9. KPF Biomimetics Workshop, in collaboration with Lars Hesselgren, Kohn Pedersen Fox Associates, New York, NY, 2005.
10. Generative Components Workshop, prior to CAAD Futures Conference, Vienna University of Technology, Vienna, Austria, 2005.
11. Advanced Simulation and Generative Design Symposium 1, AHO Oslo School of Architecture, Architectural Association, London, UK, 2004.
12. 3D Modeling, Rhinoceros 3D Software and Microscribe Digitizer, Workshop Director, Electronic, MIT Media Lab, Architectural Association, London, UK, 2004.
13. Design Studio 2, AA Summer School Program, Architectural Association, London, UK, 2003.

Supervised Theses

	Total	*Completed*	*In Progress*
Doctor of Philosophy (PhD)	20	20	0
As Advisor	10	10	0
As Reader	6	6	0
As Committee	4	4	0
Master of Science (MS)	52	52	0
As Advisor	31	31	0
As Reader	21	21	0
Bachelor of Science (BS)	4	4	0

PhD Theses, Advisor

Name	*Title*	*(Dept.) Year*
Nicolas Lee	The endless ecosystem	2023
Rachel Smith	How to grow a spaceship: A hybrid living material (HLM) framework for developing technological interfaces to complex living systems	2021
João Costa	Systems of becoming: Mediating dialogue between nature and design	2021
Christoph Bader	Translational design computation	2021
Tzu-Chieh Tang	Towards engineering living functional materials	(Bio. Eng.) 2021
Sunanda Sharma	Designing the organism-environment relationship	2020
Jorge Duro Royo	Fabrication information modeling (FIM)	2019
Markus Rasmus Kayser	Distributed fabrication: Towards the convergence of nature and technology in digital design	2018
Giorgia Franchin	Additive manufacturing of ceramics	(U. Padova, Italy) 2017
Steven J. Keating	Bacteria to buildings: Additive manufacturing outside the box	(Mech. Eng.) 2016

PhD Theses, Reader

Name	*Title*	(*Dept.*) *Year*
David Moinina Sengeh	Design and fabrication of a variable-impedance transtibial prosthetic socket using a predictive biomechanical model of the residual limb	2016
Arthur Petron	Prosthetic socket design: From a multi-indenter device for in vivo biomechanical tissue measurement to a quasi-passive transtibial socket interface	2016
Edwina Portocarrero	Networked playscapes	2016
Lining Yao	Shape-changing composite material design for interactions	2016
Jay Silver	Lens x block	2014
Marcelo Coelho	Materializing interaction	2012

PhD Theses, Committee

Name	*Title*	(*Dept.*) *Year*
Ariel Ekblaw	Self-aware self-assembly for space architecture: Growth paradigms for in-space manufacturing	2020
Jifei Ou	Designing mesoscopic materials for human-computer interaction	2018
Daniel Oran	Implosion fabrication: Versatile 3D nanofabrication by volumetric deposition and controlled shrinkage of patterned scaffolds	(Bio. Eng.) 2018
Zjenja Doubrovski	Design methodology for additive manufacturing: Supporting designers in the exploitation of additive manufacturing affordances	(TU Delft) 2016

PhD Theses, Advisor

Name	*Title*	(*Dept.*) *Year*
Nicolas Lee	Designing for the endless ecosystem	2020
Felix Kraemer	Live to build, build to live: Organism-machine interfaces for cofabrication	2020
Joseph Kennedy	Designing for uncertainty: Material-based fabrication processes for indeterminate outcomes	2020
Ren Ri	Comb the honey: Bee interface design	2020
Ramon Weber	Geometries of light	2020

Yen-Ju Timothy	Towards materials-informed tectonics		2018
Tai Daniel Lizardo	Printing a glass ecology		2018
Andrea S. Ling	Design by decay, decay by design		2018
Levi Cai	On-site autonomous fabrication at architectural scales		2018
Rachel Smith	Hybrid living materials: A digital fabrication platform for functional bacterial technologies		2018
Chikara Inamura	Towards a new transparency: High-fidelity additive manufacturing of transparent glass structures across scales		2017
Christoph Bader	Translational design computation		2017
Dominik Kolb	Printing the invisible: Bridging the gap between data and matter through voxel-based 3D printing		2017
Julian Leland Bell	Development of an experimental platform for architectural-scale robotics: The Digital Construction Platform	(Mech. Eng.)	2017
Nicole L'Huillier	Sounds inhabited: Spaces that perform themselves		2017
Viirj Kan	Molecular design interactions: Material synthesis for human interaction with fluids		2017
Sunanda Sharma	Design for the modern Prometheus: Towards an integrated biodesign workflow		2016
Jorge Duro Royo	Towards fabrication information modeling (FIM): Workflow and methods for multi-scale trans-disciplinary informed data		2015
John Klein	An additive manufacturing platform for multi-functional glass structures		2015
Laia Mogas-Soldevila	Water-based digital fabrication biologically inspired and engineered design and construction in aqueous environments		2015
William Patrick	Additive manufacturing of fluidic systems to mediate between biological and product functionality		2015
Carlos David Gonzalez Uribe	Molding and filament winding of spatially graded material properties through computational design		2014
Jared Smith Laucks	Custom mechanisms for tunable material deposition		2014
Benjamin Peters	Practical pin tooling		2013
Yoav Sterman	PCB origami: Folding circuit boards into electronic products		2013
Elizabeth Tsai	4D printing: Towards biomimetic additive manufacturing		2013

Sarah Han	Biologically inspired digital fabrication	(EECS; MEng) 2013
Roger Xingjie Zhu	Form and evolution: A study on nature-inspired design	(RISD MFA) 2012
Steven J. Keating	Renaissance robotics: Novel applications of multipurpose robotic arms spanning design fabrication, utility, and art	(Mech. Eng.) 2012
Emily Ambs	Landscapes of transformation	(MArch) 2007
Daniel Glenn-Taylor	Morphogenetic landscapes: Potential microhabitats in the Namib Desert	(MArch) 2007

MS Theses, Reader

Name	*Title*	(*Dept.*) *Year*
Chrisoula Kapelonis	Receptive skins: Towards a somatosensory architecture	2018
Nikhita Singh	Talking machines: Democratizing the design of voice-based agents for the home	2018
Harshit Agrawal	Interwoven: Integrating traditional basket-weaving craft into computer-aided design	2016
Bianca Datta	Emotive materials	2016
Ai Hasegawa	(Im)possible baby: How to stimulate discussions about possibilities of two-mum and two-dad children	2016
Ken Nakagaki	LineFORM: Designing interactions with actuated curve interfaces	2016
Luke Vink	Materiality in suspense	2016
James R. Coleman	This time it's going to be different: Re-fabricating housing	2015
Felix Heibeck	Metamorph: A thin film composite with dynamic material properties	2015
Taylor Levy	Surfacing silicon: Revealing the underlying material and structure of digital electronics through aesthetics	2015
Philippa Mothersill	The form of emotive design	2014
Sophia Brueckner	Out of network	2014
Jifei Ou	Material transformation: Designing shape changing interfaces enabled by programmable material anisotropy	2014
Valentin Markus Josef Heun	Smarter objects: programming physical objects with AR technology	2013
Jennifer Jacobs	Algorithmic craft: The synthesis of computational design, digital fabrication, and hand craft	2013

Mathew Keeter	Hierarchical volumetric object representations for digital fabrication workflows	2013
Qian (Janice) Wang	Music, mind, and mouth: Exploring the interaction between music and flavor perception	2012
Dávid Lakatos	Amphorm: Form giving through gestural interaction to shape changing objects	2012
David Moinina Sengeh	Advanced prototyping of variable impedance prosthetic sockets for trans-tibial amputees	2011
David Adley Mellis	Case studies in the digital fabrication of open-source consumer electronic products	2011
Hannah Perner-Wilson	A kit-of-no-parts	2011

BS Theses, Reader

Name	*Title*	(*Dept.*) *Year*
Miana Smith	Functional silk-chitosan composites	2021
Sara L. Wilson	Increased biopolymer pigment production in bacteria and fungi exposed to ionizing radiation	2020
Daniel Lizardo	Architectural scale biomimetic composites based on chitosan and alginate hydrogels	(Mater. Sci.) 2015
Mindy Eng	Exploring property driven design fabrication through materials testing and software development	(Mech. Eng.) 2010

Teaching Experience

** Indicates led by The Mediated Matter*

Term	*Subject Title*	*Course No.*	*Role*	*Enrolled*	*Evals*
ST 2018	Integrative Design Across Disciplines, Scales and Problem Contexts	4.110J / MAS.330J	Co-instructor	65	Yes
FT 2017	Principles of Computational Design and Additive Manufacturing	MAS.500 Module 1	Co-instructor*	21	Yes
ST 2017	Integrative Design Across Disciplines, Scales and Problem Contexts	4.110J / MAS.330J	Co-instructor	110	Yes
FT 2016	Principles of Computational Design and Additive Manufacturing	MAS.500 Module 1	Co-instructor*	12	Yes
ST 2016	Integrative Design Across Disciplines, Scales and Problem Contexts	4.110J / MAS.330J	Co-instructor	82	Yes
FT 2015	Principles of Computational Design and Additive Manufacturing	MAS.500 Module 1	Instructor	25	Yes
ST 2015	Integrative Design Across Disciplines, Scales and Problem Contexts	4.110J / MAS.330J	Co-instructor	102	Yes
FT 2014	Principles of Computational Design and Additive Manufacturing	MAS.500 Module 1	Co-instructor*	30	Yes
ST 2014	Integrative Design Across Disciplines, Scales and Problem Contexts	4.110J / MAS.330J	Co-instructor	56	Yes
ST 2013	Integrative Design Across Disciplines, Scales and Problem Contexts	4.110J / MAS.330J	Co-instructor	20	Yes
FT 2011	ARTS @ MEDIA LAB	MAS.825J	Co-instructor	14	Yes
FT 2010	Crafted by Nature: Material Systems and Fabrication Technologies	MAS.960	Instructor	14	Yes

Teaching Evaluation Data

Term	*Subject Number*	*Respondents*	*Response Rate*	*Overall Rating*
ST 2018	MAS.330/MAS.650/4.110	30	51%	6.7/7.0
ST 2017	MAS.330/MAS.650/4.110	46	51%	6.6/7.0
ST 2016	MAS.330/MAS.650/4.110	31	55%	6.3/7.0
ST 2015	MAS.330/MAS.650/4.110	44	44%	6.1/7.0
ST 2014	MAS.330/MAS.650/4.110	27	48%	6.3/7.0
ST 2013	MAS.330/4.110	10	50%	5.9/7.0
ST 2013	MAS.S64	7	37%	6.6/7.0
ST 2011	MAS.960	7	50%	6.0/7.0

Media Features

Cover Features

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2. *Objekt South Africa,* October 2021.
3. *Challenging Glass,* September 2020.
4. *Süddeutsche Zeitung Magazin,* July 2020.
5. *Wallpaper China,* November 2018.
6. *Wallpaper,* October 2018.
7. *Science Advances,* June 2018.
8. *Science Robotics,* April 2017.
9. *Surface Magazine.* The Technology Issue. June/July 2016.
10. *ICON.* Engineers of the Future. May 2013
11. WIRED. Special Issue. November 2012.
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