



GRACE KIM-BUTLER

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ACADEMIC POSITIONS

- 2021-present **Department of History and Art History, Utrecht University**
ERC Project DURARE - Dynamics of the Durable: A History of Making Things Last in the Visual and Decorative Arts
Postdoctoral Researcher
- 2020-21 **Communication of Science and Technology Program, Vanderbilt University**
ACLS Emerging Voices Postdoctoral Fellow
- 2019-20 **Scholars Program, Getty Research Institute**
Postdoctoral Fellow
- 2019 **Department of Anthropology, Massachusetts Institute of Technology**
Lecturer (spring) & Research Affiliate (summer)

EDUCATION

- 2019 **Massachusetts Institute of Technology**
Ph.D. in History, Anthropology, and Science, Technology, and Society
- 2012 **University of Cambridge**
M.Phil. in History, Philosophy and Sociology of Science, Technology and Medicine
- 2011 **Harvard University**
A.B. in History and Science, *magna cum laude*

GRANTS & AWARDS

- 2021 Co-PI, Mellon Partners for Humanities Education Collaboration Grant (\$13,450) for “Nested Knowledge: Disentangling History, Truth, and Race in STEM Experiences”
- 2020-21 ACLS Emerging Voices Fellowship
- 2019 NSF Travel Grant, Society for the History of Technology
- 2018 Center for International Studies Summer Study Fellowship, MIT
- 2018 Graduate Student Council Travel Grant, MIT
- 2018 Kelly-Douglas Fund Travel Grant, MIT
- 2017 Siegel Teaching Prize, MIT
- 2015-16 U.S. Fulbright Student Research Grant (Italy)
- 2014, ‘16, ‘17 International Science and Technology Initiatives Summer Grants, MIT-Italy
- 2013 Honorable Mention, NSF Graduate Research Fellowships Program
- 2013 Ida M. Green Summer Fellowship, MIT
- 2012-13 Graduate Community Fellowship, MIT
- 2012-13 Presidential Fellowship, MIT

RESEARCH PUBLICATIONS

- 2018 “Cigarettes, Saliva, Art: Laboratory Expertise in Florence, Italy.” *Journal of Modern Craft* 11(1): 55-66. <https://doi.org/10.1080/17496772.2018.1440811>
- 2016 “Putting Microbes to Work: Using Biotechnology to Restore Architecture & Art in Italy.” *Thresholds* 44: 171-182.

OTHER WRITING

- 2020 “My Research Project” Profile. *The Getty Magazine*. Spring 2020 issue. p28. https://www.getty.edu/about/whatwedo/getty_magazine/index.html
- Virtual roundtable participant in “From Dustbowl Murals to Community Gardens, How Art Shapes and Is Shaped by the Environment.” *The Iris: Behind the Scenes at the Getty*. April 22, 2020. <http://blogs.getty.edu/iris/from-dustbowl-murals-to-community-gardens-how-art-shapes-and-is-shaped-by-the-environment/>
- 2017 “‘All the World Is Here’ Exhibition Review.” *History of Anthropology Newsletter* 41. December 12, 2017. <http://histanthro.org/all-the-world-is-here/>. Co-authored with Alison Laurence.

TEACHING

Courses, as Instructor of Record

- Spring 2021 “Technology and the Ecologies of Materials,” Vanderbilt University, cross-listed in Anthropology and Communication of Science and Technology
- Spring 2019 “Art, Craft, Science” (21A.501/STS.074), Massachusetts Institute of Technology, cross-listed in Anthropology and Science, Technology, and Society

Teaching Assistantships

- Spring 2018 “Designing the First Year at MIT,” Bryan Moser, Bruce Cameron, Glen Urban, Maria Yang, and Justin Reich
MIT, Dep. of Mechanical Engineering & Program in Comparative Media Studies
- Fall 2017 “Digital Cultures,” Alma Steingart
Harvard University, Department of the History of Science
- “Food, Nutrition and Culture,” Alex Blanchette and Zarin Machanda
Tufts University, Department of Anthropology
- Spring 2016 “The Ancient World: Rome,” William Broadhead
MIT, Department of History
- Fall 2014 “Neuroscience and Society,” Natasha Schüll

MIT, Department of Science, Technology, and Society

Spring 2014 “Cultures of East Asia,” Manduhai Buyandelger
MIT, Department of Anthropology

Guest Lectures

- 2020 Guest of Clare Kim, Washington University in St. Louis, Dep. of History. *Techno-Orientalism: Race, Media & Society*. Dec 7.
- “Cultures on Culture: Biofilm, Conservation, and the Interfact of Art and Environment” for Jamie Nisbet, Getty Research Institute. *Art and Ecology*. Feb 28
- 2018 “Red’s Luminous Flux: Light, Quality, and the Restoration of Mark Rothko’s Paintings at Harvard” for Rebecca Uchill, MIT Dep. of Architecture. *Modern Art and Mass Culture*. April 2.
- 2017 “Ethical Concerns in the Conservation of Cultural Heritage” for Admir Masic, MIT Dep. of Civil & Environmental Engineering. *Heritage Science and Technology*. Nov 29.
- “Restoring Cultural Artifacts” for William Broadhead, MIT Dep. of History. *The Ancient World: Rome*. April 26.
- 2015 “Science and Technology for the Restoration of Art and Cultural Heritage: Perspectives from Anthropology” for Ulderico Santamaria, University of Tuscia-Viterbo. *Conservazione e Restauro dei Beni Culturali*. Nov 25.

INVITED TALKS

- 2021 Screening and panel discussion of Jessica Sarah Rinland’s *Those That, at a Distance, Resemble Another*. Bard Graduate Center. Zoom. April 13.
- “The Microbiological Lives of Cultural Heritage.” Vanderbilt Institute for Energy and Environment. Zoom. Feb 24.
- “Preserving Art, Producing Science: The Microbiological Lives of Cultural Heritage.” UCLA History of Science Colloquium. Zoom. Jan 11.
- 2020 “Cultures on Culture: Microbes, Patina, and the Re-Enchantment of Art.” UCLA Institute for Society & Genetics. Los Angeles, CA. Feb 24.
- “Cultures on Culture: Biofilm, Conservation, and the Interface of Art and Environment.” Getty Center Scholar & Fellow Lecture Program, Getty Research Institute. Los Angeles, CA. Jan 13.
- 2019 “Fixing/Fading/Restoring: Photography in Conservation Practice.” Fixing and Fading: Photographic Histories Workshop. Yale Center for British Art. New Haven, CT. Mar 25.
- 2018 “Using Microbiology to Restore Art and Cultural Heritage.” STS Lunch Seminar. Tufts University. Medford, MA. Jan 19.

- “Microbes Growing on Artworks and Cultural Heritage.” TEDxNCSSM. NC School of Science and Mathematics. Durham, NC. Jan 13. <https://www.youtube.com/watch?v=b7dutcA7gb8>
- 2017 “Technoscientific Expertise in the Restoration of Art and Cultural Heritage.” Egyptian Museum. Turin, Italy. Jun 28.
- 2016 “An STS Approach to Art Conservation?” Korea Advanced Institute of Science and Technology (KAIST), Graduate School of Science and Technology Policy. Daejeon, South Korea. Oct 7.
- Panelist, “La Promozione della Lingua e della Cultura Italiana negli Stati Uniti.” U.S.-Italy Fulbright Commission. Italian Ministry of Foreign Affairs. Rome, Italy. May 31.
- “Changing Authenticity: Scientists in Art Restoration.” Center for Colloid and Surface Science (CSGI), University of Florence. Sesto Fiorentino, Italy. Apr 29.
- 2014 “Cultures on Culture: A Social Scientific Perspective on Cultural Heritage Restoration Technologies.” Department of Food, Environmental and Nutritional Sciences (DeFENS), University of Milan. Milan, Italy. Jun 11.

CONFERENCE ACTIVITY

- 2020 “The Technoscientific Re-enchantment of Art and Heritage.” 14th Annual Vanderbilt Postdoctoral Association Symposium. Zoom. Oct 29.
- 2019 “Faded Photographs and the Persistence of Mark Rothko’s Colors.” Annual meeting of the Society for the History of Technology. Milan, Italy. Oct 25.
Panel Organized with Clare Kim and Theodora Dryer, “Visual Forms in the Age of Computational Re-Mediation.”
- “Infrastructures of Color and the “Skins” of Mark Rothko’s Paintings.” Annual meeting of the Society for Social Studies of Science (4S). New Orleans, LA. Sept 6.
Panel Organized with Chitra Ramalingam, “The Matter of Photography: Decay, Conservation, Afterlives.”
- 2018 “Red’s Luminous Flux: Light, Quality, and the Restoration of Mark Rothko’s Paintings at the Harvard Art Museums.” PhunDay: Harvard-Princeton-MIT History of Physics Workshop. Cambridge, MA. Oct 6.
- “Restoring Rothko’s Red: Pinpointing Color at the Harvard Art Museums.” Biennial conference of the Royal Anthropological Institute. London, United Kingdom. Jun 1.
- “Sensing Microbes and Microbial Sense in the Conservation of Cultural Heritage.” Uncommon Senses 2. Concordia University. Montreal, Canada. May 4.
- “Sonata of Muybridge’s Horse Galloping.” Material Cultures of Music Notation Conference. Utrecht, the Netherlands. Apr 21.

- 2017 “Crafting Nanotechnology for Art Conservation.” Graduate student symposium, “Long Shadows: Tradition, Influence, and Persistence in Modern Craft.” Yale Center for British Art. New Haven, CT. Nov 10.
- “Art under Nanotechnological Care: Bridging Conservation and Scientific Practices.” 4S. Boston. Sep 2.
Workshop Organized in collaboration with the Harvard Art Museums, “Image, Material, Transfer: A Materials Lab Workshop.” Hands-on interdisciplinary workshop paired with guided exhibition tour.
- “Microbial Labor and the Maintenance of Cultural Heritage in an Italian Laboratory.” Maintainers II: Labor, Technology, and Social Orders. Stevens Institute of Technology. Hoboken, NJ. Apr 8.
- 2016 “The Biorestitution of Stone Heritage: Microbiology and Authenticity in Italy.” 4S/EASST. Barcelona, Spain. Sep 1.
Panel organized with Caterina Scaramelli, “Biology in Heritage, Heritage as Biology.”
- “Art Restored with Light: Mark Rothko and Physics at the Harvard Art Museums.” European Association of Social Anthropologists (EASA). Milan, Italy. Jul 21.
- “New Technologies for the Restoration of Art and Cultural Heritage.” 62nd Berlin Seminar, German-American Fulbright Commission. Berlin, Germany. Mar 23.

OTHER POSITIONS

- 2020-21 Co-organizer, Social Justice and Public Humanities Working Group, The Center for Digital Humanities, Vanderbilt University
- 2018-19 “Enhancing the First Year at MIT” Initiative
 Feb – May 2019 Staff Associate, MIT Office of the Vice Chancellor
 Jun – Dec 2019 Research Assistant, MIT Office of the Vice Chancellor
 Jan – May 2018 Teaching Assistant, “Designing the First Year at MIT,”
 Mechanical Engineering & Comparative Media Studies, MIT
- 2018 Summer RA, Dep. of History (Harriet Ritvo), MIT
- 2017 Summer RA, Dep. of Civil & Environmental Engineering (Admir Masic), MIT
- 2015 Summer RA, Program in Science, Technology, and Society (Hanna Rose Shell), MIT