

GRACE KIM

Curriculum Vitae

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ACADEMIC POSITIONS

- 2019 **Department of Anthropology, Massachusetts Institute of Technology**
Lecturer

EDUCATION

- 2019 **Massachusetts Institute of Technology**
Ph.D. in History, Anthropology, and Science, Technology, and Society
“The Work of Art in the Age of Its Technoscientific Re-Enchantment: Recasting Light, Colloids, and Microbes for Art and Heritage Conservation in U.S. and Italian Laboratories”
Committee: Stefan Helmreich (chair), Caroline A. Jones, Heather Paxson, Hanna Rose Shell
- 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*

HONORS & AWARDS

- 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

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>
- 2017 Co-authored with Alison Laurence. “‘All the World Is Here’ Exhibition Review.” *History of Anthropology Newsletter* 41. December 12, 2017. <http://histanthro.org/all-the-world-is-here/>.
- 2016 “Putting Microbes to Work: Using Biotechnology to Restore Architecture & Art in Italy.” *Thresholds* 44: 171-182.

INVITED TALKS

- 2019 Title TBD. Fixing and Fading Workshop. Yale Center for British Art. (upcoming)
- 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.” Museo Egizio. Turin, Italy. June 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.” University of Florence, Department of Chemistry “Ugo Schiff,” Center for Colloid and Surface Science (CSGI). Sesto Fiorentino, Italy. April 29.
- 2014 “Cultures on Culture: A Social Scientific Perspective on Cultural Heritage Restoration Technologies.” University of Milan, Department of Food, Environmental and Nutritional Sciences (DeFENS). Milan, Italy. June 11.

CONFERENCE ACTIVITY

Panels Organized

- 2019 “The Matter of Photography: Decay, Conservation, Afterlives.” 4S. New Orleans. (upcoming)
- 2017 “Image, Material, Transfer: A Materials Lab Workshop.” Hands-on workshop paired with a guided on-site exhibition tour. Society for Social Studies of Science (4S) in collaboration with the Harvard Art Museums. Boston, MA. Aug 31.
- 2016 “Biology in Heritage, Heritage as Biology.” 4S/EASST. Barcelona, Spain. Sept 1.

Papers Presented

- 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.” “Art, Materiality, and Representation,” organized by the Royal Anthropological Institute and the British Museum’s Department for Africa, Oceania and the Americas. London, UK. June 1-3.

“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: An Interdisciplinary Conference. Utrecht, the Netherlands. April 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, MA. Sept 2.

“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. April 8.

2016 “The Biorestoration of Stone Heritage: Microbiology and Authenticity in Italy.” 4S/EASST. Barcelona, Spain. Sept 1.

“Art Restored with Light: Mark Rothko and Physics at the Harvard Art Museums.” European Association of Social Anthropologists (EASA). Milan, Italy. July 21.

“New Technologies for the Restoration of Art and Cultural Heritage.” 62nd Berlin Seminar, German-American Fulbright Commission. Berlin, Germany. March 23.

TEACHING

Courses

Spring 2019 “Art, Craft, Science” (21A.501/STS.074), Massachusetts Institute of Technology

Teaching Assistantships

Spring 2018 “Designing the First Year Experience,” 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

- 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 Department 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.

MUSEUM EXPERIENCE

- 2017 Summer intern, Egyptian Museum in Turin, Italy. Supervised by Dr. Susanne Toepfer, Curator of the papyrus collection.
- 2014 Student curator, “Microscope Slides Without Microscopes.” Display of 19th-century microscope slides from the US and Western Europe, for the temporary exhibition, “Focus.” Department of the History of Science and the Collection of Historical Scientific Instruments, Harvard University.
- 2009 Student curator, “Heads on Display.” Display of psychologist Hugo Münsterberg’s nineteenth-century models of heads, for the temporary exhibition, “The Matter of Fact.” Department of History of Science and the Collection of Historical Scientific Instruments, Harvard University

OTHER ACADEMIC EXPERIENCE & SERVICE

- 2018 *Staff Associate*, MIT Office of the Vice Chancellor (Spring)
First-Year Experience Coordinator
- Research Assistant*, MIT Office of the Vice Chancellor (Summer and Fall)
First-Year Experience
- Research Assistant*, MIT History with Harriet Ritvo (Summer)
- 2017 *Research Assistant*, MIT Civil & Environmental Engineering. “ONE-MA³ (Materials in Art, Archaeology and Architecture)” with Admir Masic (guided 3-wk fieldwork among Italian cultural heritage sites incl. Pompeii, Vatican, and Turin)
- INSPIRE Anthropology Judge* (National high school research contest in the arts, humanities, & social sciences)
- 2015-16 *INSPIRE Experts Committee Member*, two years

- 2015 *Research Assistant*, MIT Science, Technology, and Society with Hanna Rose Shell
- 2013 *Panel Chair*, “Technology,” HASTS 25th Anniversary Symposium, MIT
- 2013-14 *Co-Social Chair*, HASTS graduate program

FOREIGN LANGUAGES

Korean (proficient), Italian (intermediate)