

GRACE KIM
Curriculum Vitae

PhD Candidate
History | Anthropology | Science, Technology & Society
Massachusetts Institute of Technology
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ACADEMIC POSITIONS

2019 **Department of Anthropology, Massachusetts Institute of Technology**
Lecturer (spring)

EDUCATION

2019 **Massachusetts Institute of Technology**
PhD in History, Anthropology, and Science, Technology, and Society (expected in February)
Dissertation: “The Work of Art in the Age of Its Technoscientific Restoration: Ethics of Recovery from U.S. and Italian Laboratories”
Committee: Stefan Helmreich (chair), Caroline Jones, Heather Paxson, Hanna Rose Shell

2012 **University of Cambridge**
MPhil in History, Philosophy and Sociology of Science, Technology and Medicine

2011 **Harvard University**
AB 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

- 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

- 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 Bio restoration 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 EXPERIENCE

Teaching Assistantships

- 2018 Teaching Assistant, MIT, Dpt of Mechanical Engineering & Program in Comparative Media Studies “Designing the First Year Experience” with Bryan Moser, Bruce Cameron, Glen Urban, Maria Yang, and Justin Reich
- 2017 Teaching Fellow, Harvard University, Department of the History of Science
“Digital Cultures” with Alma Steingart (two sections)
- Teaching Assistant, Tufts University, Department of Anthropology
“Food, Nutrition and Culture” with Alex Blanchette and Zarin Machanda
- Teaching Assistant, MIT, Department of History
“The Ancient World: Rome” with William Broadhead
- 2014 Teaching Assistant, MIT, Department of Science, Technology, and Society
“Neuroscience and Society” with Natasha Schüll
- Teaching Assistant, MIT, Department of Anthropology
“Cultures of East Asia” with Manduhai Buyandelger

Guest Lectures

- 2018 “Red’s Luminous Flux: Light, Quality, and the Restoration of Mark Rothko’s Paintings at Harvard” for Rebecca Uchill, MIT Department of Architecture. *Modern Art and Mass Culture*. April 2.
- 2017 “Ethical Concerns in the Conservation of Cultural Heritage” for Admir Masic, MIT Department 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 *Research Assistant*, MIT Office of the Vice Chancellor (Summer and Fall)
The First Year Undergraduate 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: Highly proficient in speaking and reading
Italian: Proficient in speaking, reading, and writing
French: Basic speaking and reading