

GRACE KIM

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Los Angeles, CA 90049

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ACADEMIC POSITIONS

- 2019-20 **Scholars Program, Getty Research Institute**
Postdoctoral Fellow
- 2019 **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
“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*

GRANTS & AWARDS

- 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

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 “‘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.
- 2016 “Putting Microbes to Work: Using Biotechnology to Restore Architecture & Art in Italy.” *Thresholds* 44: 171-182.

TEACHING

Courses, as Instructor of Record

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 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 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

- 2020 *Title TBD*. UCLA Institute for Society & Genetics. Los Angeles. Feb 24.
Title TBD. Getty Center Scholar & Fellow Lecture Program. Los Angeles. Jan 13.
- 2019 “Fixing/Fading/Restoring: Photography in Conservation Practice.” Fixing and Fading: Photographic Histories Workshop. Yale Center for British Art. New Haven. March 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.” Museo Egizio. Turin. 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. 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. June 11.

CONFERENCE ACTIVITY

Panels & workshops organized

- 2019 “Visual Forms in the Age of Computational Re-Mediation.” Co-organized with Clare Kim and Theodora Dryer. SHOT. Milan.
- “The Matter of Photography: Decay, Conservation, Afterlives.” Co-organized with Chitra Ramalingam. 4S. New Orleans.
- 2017 “Image, Material, Transfer: A Materials Lab Workshop.” Hands-on workshop paired with guided on-site exhibition tour. 4S, in collaboration with the Harvard Art Museums. Boston.
- 2016 “Biology in Heritage, Heritage as Biology.” Co-organized with Caterina Scaramelli. 4S/EASST. Barcelona.

Presentations

- 2019 “Faded Photographs and the Persistence of Mark Rothko’s Colors.” SHOT. Milan. Oct 25.
“Infrastructures of Color and the “Skins” of Mark Rothko’s Paintings.” 4S. New Orleans. Sept 6.
- 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. June 1-3.

“Sensing Microbes and Microbial Sense in the Conservation of Cultural Heritage.” Uncommon Senses 2. Concordia University. Montreal. May 4.

“Sonata of Muybridge’s Horse Galloping.” Material Cultures of Music Notation: An Interdisciplinary Conference. Utrecht. 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. Nov 10.

“Art under Nanotechnological Care: Bridging Conservation and Scientific Practices.” 4S. Boston. 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. April 8.

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

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

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

OTHER ACADEMIC EXPERIENCE & SERVICE

2019	Staff Associate <i>First-Year Experience Coordinator</i>	MIT Office of the Vice Chancellor
2018	Research Assistant	MIT Office of the Vice Chancellor
	Research Assistant	MIT History (Summer), Harriet Ritvo
2017	Research Assistant	MIT Civil & Environmental Engineering. “Materials in Art, Archaeology and Architecture,” Admir Masic
	INSPIRE Anthropology Judge	National high school research contest in the arts, humanities, and social sciences
2015-16	INSPIRE Experts Committee	
2015	Research Assistant	MIT STS, Hanna Rose Shell
2013	Panel Chair	HASTS 25 th Anniversary Symposium, MIT
2013-14	Co-Social Chair	HASTS graduate program

FOREIGN LANGUAGES

Korean (advanced), Italian (intermediate)