

**GRACE KIM**  
Curriculum Vitae

PhD Candidate  
History | Anthropology | Science, Technology & Society  
Massachusetts Institute of Technology  
<http://web.mit.edu/hasts/graduate/kim.html>

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## **EDUCATION**

- 2018 (expected) **Massachusetts Institute of Technology** (Cambridge, MA)  
PhD candidate. History | Anthropology | Science, Technology, and Society  
Thesis title: “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** (Cambridge, United Kingdom)  
MPhil. History, Philosophy and Sociology of Science, Technology and Medicine  
Thesis title: “Frames of Longitude: Narrative, Image, Performance”
- 2011 **Harvard University** (Cambridge, MA)  
AB. *magna cum laude*, History and Science. Secondary field in Neurobiology.  
Thesis title: “(Re)producing Art: Images and History in Art Conservation and Neuroaesthetics”

## **GRANTS, FELLOWSHIPS & AWARDS**

- 2018 MIT Center for International Studies, Summer Study Fellowship  
2018 MIT Graduate Student Council, Travel Grant  
2018 MIT Kelly-Douglas Fund, Travel Grant  
2017 MIT Siegel Teaching Prize  
2015-16 U.S. Fulbright Student Research Grant (Italy)  
2014, '16, '17 MIT International Science and Technology Initiatives Summer Grants (MIT-Italy)  
2013 Honorable Mention, NSF Graduate Research Fellowships Program  
2013 Ida M. Green Summer Fellowship  
2012-13 MIT Graduate Community Fellowship  
2012-13 MIT Presidential Fellowship

## **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.
- 2013 McAuliffe K, Blake PR, **Kim G**, Wrangham RW, and Warneken F. “Social Influences on Inequity Aversion in Children.” *PLoS ONE* 8(12): e80966. <https://doi.org/10.1371/journal.pone.0080966>.

## **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.” Università degli Studi di Firenze, 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.” Università degli Studi di Milano, 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 “Restoring Rothko’s Red: Pinpointing Color at the Harvard Art Museums.” Royal Anthropological Institute. London, UK. June 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: 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.” 62<sup>nd</sup> Berlin Seminar, German-American Fulbright Commission. Berlin, Germany. March 23.

## TEACHING EXPERIENCE

### *Teaching Assistantships*

- 2018 Teaching Assistant, MIT, Dpt of Mechanical Engineering & Program in Critical 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.” MIT, Department of Architecture. Course entitled “Modern Art and Mass Culture,” taught by Rebecca Uchill. April 2.

- 2017 “Ethical Concerns in the Conservation of Cultural Heritage.” MIT, Department of Civil & Environmental Engineering. Course entitled “Heritage Science and Technology,” taught by Admir Masic. Nov 29.

“Restoring Cultural Artifacts.” MIT, Department of History. Course entitled “The Ancient World: Rome,” taught by William Broadhead. April 26.

- 2015 “Science and Technology for the Restoration of Art and Cultural Heritage: Perspectives from Anthropology.” Università degli Studi della Tuscia-Viterbo. Course entitled “Conservazione e Restauro dei Beni Culturali,” taught by Ulderico Santamaria. Viterbo, Italy. Nov 25.

## MUSEUM EXPERIENCE

- 2017 Summer intern, Egyptian Museum in Turin, Italy. With Dr. Susanne Toepfer, Curator of the papyrus collection.
- 2014 Student curator, “Microscope Slides Without Microscopes.” Display of 19<sup>th</sup>-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 the 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  
The First Year Undergraduate Experience
- 2017 *Research Assistant*, MIT Civil & Environmental Engineering. “ONE-MA<sup>3</sup> (Materials in Art, Archaeology and Architecture)” with Prof. 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 Prof. Hanna Rose Shell
- 2013 *Panel Chair*, “Technology,” HASTS 25<sup>th</sup> 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