

RENATA HOLOD

College of Women Class of 1963 Term Professor in the Humanities, History of Art Department;
Curator, Near East Section, Museum of Archaeology and Anthropology, University of
Pennsylvania

[as of March, 2019]

I. EDUCATION:

Harvard University, Ph.D. in Fine Arts, 1972;

University of Michigan, MA, History of Art, 1965;

University of Toronto, Honours BA in Islamic Studies, 1964.

II. AWARDS and HONORS (selected):

A. GRANTS:

1. 1984 Foundation Grant, 50, 000 USD, Fall 2017; 50, 000USD, Fall 2018;
2. Williams Fund, History of Art Department, 10, 000 USD;
3. Aga Khan Trust for Culture, Grant for 120, 000 USD, 2014;
4. Getty Collaborative Grant 2006-2009;
5. 1984 Foundation Grant, 2003, 2004.

B. HONORS

1. Festschrift "Envisioning Islamic Art and Architecture: Essays in Honor of Renata Holod" David J. Roxburgh, editor. (Brill: Leiden, 2014);
2. College Women Class of 1963 Term Chair in the Humanities, 2010; renewed in 2014;
3. Provost's Award for Mentorship of Graduate Students, 2010;
4. Islamic Environmental Design Achievement Award, 2004;
5. Clark Professor, Williams College and Clark Institute, Fall 2002;
6. Fellow, Clark Institute, Fall 1999;
7. Institute for Advanced Studies, Princeton, Visitor, 1994-95;
8. Chair, Master Jury, Aga Khan Award for Architecture, 1992;
9. Kolb Senior Fellow, University Museum, 1989 – ongoing;
10. King Fahd Award for Teaching the Architecture of Muslim Cultures, 1986.

III. PROFESSIONAL ACTIVITIES:

A. TEACHING:

University of Pennsylvania, Department of the History of Art, Professor, 1993-ongoing

B. FIELD EXPERIENCE:

1. Ukraine: (Classical and medieval archeological sites in southern (steppe) Ukraine and Crimea) 2002, 2004, 2006-10;
2. Jerba, Tunisia: 1994-2000, a multi-year, multi-disciplinary archeological survey;
3. Aga Khan Award for Architecture: field trips to key regions of the Islamic world and detailed field trips to China (Islamic architecture in Xian and Sinkiang) 1981; Turkey, Egypt (Mamluk Cairo) 1984; Spain (Granada, Cordova) 1986; Turkey, Eastern Anatolia, 1986; Uzbekistan (Khiva, Samarkand, Bukhara) 1990, 1992; Kuwait, the Emirates: 1977, 2002, 2010;
4. Archaeological and architectural field work (1966-1976) in Syria, Iran, Afghanistan, Iraq, Morocco.

C. MUSEUM EXPERIENCE:

Curator of Islamic Art, Near East Section, from 1994 – ongoing

1. GALLERIES:

- a. Middle East Galleries Redesign, Penn Museum, open mid- April 2018;
responsible for the following exhibits cases in Gallery III:

- i. "Rayy: City and Region"
- ii. "Numismatics"
- iii. "Bits, Quarters and Lost Treasures: Coins excavated at Rayy"
- iv. "Trade Goods"
- v. "Textiles and Tools"
- vi. "Lighting the Night"
- vii. "Clothing the Body: Rank, Gender, and Age"
- viii. "Books: A Designed Experience"
- ix. "Ceramics: From Medieval to Global".

b. Re-design of the Islamic Gallery, 1980-81

2. EXHIBITIONS

- a. "Osman Hamdi Bey and The Americans: Art, Diplomacy, Archaeology" Pera Museum, Istanbul, October 2011 - January 2012;
- b. "Archaeologists and Travelers in Ottoman Lands" September, 2010-June 2011, Penn Museum;
- c. "Line and Letter: Studying a 16th Century Shirazi Manuscript" exhibition at the Rare Book Gallery, Van Pelt Library, March-May 2005;
- d. "'From the Two Pens': Line and Color in Islamic Art" guest curator of exhibition at Williams College Museum of Art, October-December 2002.

3. EXPEDITION MAGAZINE

- a. "Locus of Civilization: Cities in the Islamic and Persianate World" Spring 2018, 84-91.

4. *Journey to the City: A Companion to the Middle East Galleries at the Penn Museum*

(forthcoming, Spring 2019)

- a. "Islamic and Persianate City" (5217 words)
- b. "Writing and Papermaking Technologies" (916 words)
- c. "Chal Tarkhan" (647 words)
- d. "Lusterware" (385 words)
- e. "Stonepaste" (508 words)
- f. "A 'Figured Cloth of Gold': Isfahan and Global Trade" with Martina Ferrari (586 words)

D. UNIVERSITY ACTIVITIES AND SERVICE:

1. ADMINISTRATION (selected):

Graduate Council of the Faculties, Member, 2009-2013;
 Program for Archaeology in Ukraine, Co-director, 2003 – 2010;
 Program in Visual Studies, Director, 2003-2007;
 Department of the History of Art, Chair, 1987-94, 2000-02.

E. SERVICE TO THE PROFESSION OUTSIDE THE UNIVERSITY (selected):

- 1. Center for the Study of Material and Visual Cultures of Religion, Yale University, Editorial Board, 2013- ongoing;
- 2. Member, Editorial Board, Brill Publishers: Handbook of Oriental Studies, Section 1: The Near and Middle East, 2013 – ongoing;
- 3. *Ars Asiaticus*, Advisory Board, 2012 - ongoing;
- 4. *International Journal of Islamic Architecture*, Advisory Board, 2012 - ongoing;

5. *Arkheolohiia*, Journal of the Institute of Archaeology, Kyiv, Editorial Committee, 2011 - ongoing;
6. *Muqarnas*, Annual in Islamic Art and Visual Culture, Advisory Board, 1999 - ongoing;
7. *Environmental Design*: Journal of Islamic Environmental Design Research Centre, Scientific Committee, 1998 - ongoing;
8. American Research Institute in Turkey (ARIT), Institutional Representative, 2004 – ongoing;
9. Shevchenko Scientific Society, Member, 1992; member of Grants Committee, 2009 - ongoing;
10. Aga Khan Trust for Culture, Director, Assessment Board, 2012-2013;
11. President, Board of Trustees, The Ukrainian Museum New York, 2013- 2017;
12. Member, Board of Trustees, Historians of Islamic Art Association (HIAA), President, 2007-2010; Past President, 2010-2012;
13. Scientific Committee, Fondation Max Van Berchem, Geneva, March 2001- June 2017;
14. Aga Khan Award for Architecture, Steering Committee Member, 1980-83, 1993-96.

IV. ARCHITECTURAL CONSULTING:

1. Michael Graves Associates, on a Mecca hotel design, 2011;
2. H2L2, Philadelphia-NYC, on a bridge design for “The Palm” Dubai, 2003;
3. Mitchell/Guigola Associates, Philadelphia, on museum and historic park, 1999;
4. Skidmore, Owning and Merrill, New York, mosque for New York City, 1986-1988;
5. Venturi, Rauch, Scott-Brown, Philadelphia, on the Iraq State Mosque, 1982-83;
6. Arthur Ericson Vancouver, on the Abu Nuwas River Bank Project, Baghdad, 1981.

V. OTHER ADMINISTRATIVE EXPERIENCE:

1. President, Board of Trustees, The Ukrainian Museum, New York, June 2013 – June 2017;
2. The Aga Khan Award for Architecture, Convenor and Designer of the Award Procedures, 1977 – 1980.

VI. PUBLICATIONS

A. MONOGRAPHS:

1. *The Last Kurgan: A Thirteenth Century Prince’s Burial in the Black Sea Steppe*, co-author with Oleksandr Halenko, Yuri Rassamakin and Warren Woodfin (in preparation; proposal submitted to Penn State Press)
2. *To Shape and To See: An Introduction to the Art and Visual Cultures of the Islamic World* a textbook contracted with Pearson/ Prentice Hall (in preparation; three chapters drafted).
5. *An Island through Time: Jerba Studies*. Lead author for volume 2, and co-editor/ author with Elizabeth Fentress and Ali Drine, JRA Supplement, vol. 1, 2009; vol. 2 in final preparation.
6. *The City in the Islamic World*, co-editor with Salma Jayyusi, Attilio Petruccioli, and André Raymond, 1142 pages. (Leiden: Brill, 2008) (also in Arabic translation, forthcoming).
7. *Modern Turkish Architecture*, editor with Ahmet Evin, (Philadelphia: University of Pennsylvania Press, 1984), second edition, Istanbul, 2005.
8. *The Mosque and the Modern World*, with Hasan ud-Din Khan, (London: Thames & Hudson, 1997).

9. *The Contemporary Mosque* with Hasan ud-Din Khan (New York: Rizzoli, 1997).
10. *The Timurid Architecture of Iran and Turan*, Lisa Golombek and Donald Wilber, main authors; contributions by L. Bretanitski, R. Holod, R. Hillenbrand, A. Hutt, B. O'Kane, (Princeton: Princeton Press, 1988).
11. *Architecture and Community: Building in the Islamic World Today*, Author/Editor, (New York: Aperture, 1983).
12. *City in the Desert* (an account of the archaeological expedition to Qasr al-Hayr al-Sharqi) co-author with Oleg Grabar, James Knudstad and William Trousdale, (Cambridge, MA: Harvard University Press, 1978).
13. "Architecture, Patronage and Setting in Iran: A Case Study of Yazd, 1300-1450," (Ph.D. Dissertation, Harvard University, 1972).

B. ARTICLES (selected):

1. Renata Holod and Tarek Kahlaoui, "Guarding a Well-Ordered Space on a Mediterranean Island" in A. A. Eger, ed. *On Frontiers* [Boulder, CO: University of Colorado Press] (35 pp., in press).
2. "Approaching the Mosque: Birth and Evolution" in *The World of the Mosque: Magnificent Designs*, (New York: Rizzoli, December, 2017) 14-21.
3. Renata Holod and Tarek Kahlaoui "Jerba in the 3rd/9th century CE: Under Aghlabi Control?" in *The Aghlabids & their Neighbors: Art & Material Culture in Ninth-Century North Africa*, Glaire D. Anderson, Corisande Fenwick, and Mariam Rosser-Owen, eds. (Leiden: Brill, HdO series, December, 2017), 451- 469.
4. Halenko, O., Rassamakin, Yu., Woodfin, W. T., Holod, R. "A Cuman Chief's Trophy from Chunhul Barrow: Reuse, Ritual Functions, and Symbolism", Part II *Arkheolohiia* 4 (2016), 42-71.
5. Halenko, O., Rassamakin, Yu., Woodfin, W. T., Holod, R. "A Cuman Chief's Trophy from Chunhul Barrow: Reuse, Ritual Functions, and Symbolism, Part I" *Arkheolohiia* 3 (2016), 28 – 47.
6. Jordan Pickett, John Schreck, Renata Holod, Yuriy Rassamakin, Oleksandr Halenko, Warren T. Woodfin "Architectural energetics of tumuli construction on the medieval Eurasian steppe: the case of the Chungul Kurgan" *Journal of Archaeological Science* 75 (2016) 101- 114.
Link: <http://dx.doi.org/10.1016/j.jas.2016.09.006>
7. Eight entries for the exhibition catalogue *Court and Cosmos: Art of the Seljuks*, Metropolitan Museum of Art in the following sections: "Courtly Circle", "Science, Medicine and Technology", "Ceramics", "Astrology, Magic and the World of Beasts", "Religion and Literary Life", exhibition opened April, 2016. (each entry ca. ½- 1 page.)
8. Renata Holod and Olexandr Halenko "The severe landscapes of 'Mother Sarmatia': Steppe Ukraine in the eyes of a Polish gentleman in 1569" *Harvard Ukrainian Studies* 32, *Festschrift for George Grabowicz* (2015) 349-376.

9. Renata Holod and Yuri Rassamakin "Imported and Native Remedies for a Wounded Prince: Grave Goods from the Chungul Kurgan in the northern Black Sea steppe of the thirteenth century", special volume titled *Mechanisms of Cross-Cultural Encounter of Byzantium and Its Neighbors*, Alicia Walker and Heather Grossman, eds. *Medieval Encounters* 18 (2012) 339-381.
10. Blythe McCarthy and Renata Holod, "Under a microscope: The examination of the Freer Siege Scene Plate" ca. 21 pages, e-publication, <http://www.asia.si.edu/research/articles/minai-battle-plate.asp>, a pendant study to "Event and Memory" below.
11. "Event and Memory: The Freer Gallery's Siege Scene Plate" *Ars Orientalis* 42/2012, 194-219.
12. "On Forts and Towns: Image, Enclosure, Control" in Margaret Graves and Benoit Junod, Eds. *Architecture in Islamic Arts Treasures of the Aga Khan Museum*, catalogue for exhibitions at the Hermitage, St. Petersburg; Kuala Lumpur, Singapore, (2012) part III, 133-173.
14. Renata Holod and Robert Ousterhout, organizers of exhibition, authors and editors of catalogue at the Pera Museum, Istanbul, *Osman Hamdi Bey and the Americans. Archaeology, Diplomacy and Art* (Istanbul: Pera Museum, 2011).
15. Renata Holod and Enrico Cirelli "Islamic Pottery from Jerba (7th-10th century) Aspects of Continuity?" in Patrice Cressier and Elizabeth Fentress, eds. *La Céramique Maghrébine du Moyen Age (VIIIe – Xe Siècles)* (Rome: École Française de Rome, 2011) 165-186.
16. W.T. Woodfin, Y. Rassamakin and R. Holod, "Foreign Vesture and Nomadic Identity on the Black Sea Littoral in the Early Thirteenth Century: Costume from the Chungul Kurgan" *Ars Orientalis*, 38/2010, 155-186.
17. Renata Holod and Robert Ousterhout, organizers and editors of exhibition and catalogue, *Archaeologists and Travelers in Ottoman Lands*, Sept. 2010- Jun. 2011, PENN Museum (<http://www.ottomanlands.com/>)
18. Joseph T. Kider, Rebecca L. Fletcher, Nancy Yu, Renata Holod, Alan Chalmers, and Norman Badler "Recreating Early Islamic Glass Lamp Lighting" in Kurt Debattista, Cinzia Perlingieri, Denis Pitzalis and Sandro Spina, eds. *10th International Symposium on Virtual Reality, Archaeology and Intelligent Cultural Heritage (VAST)*, St. Julian's, Malta, (Eurographics Association, 2009) 23-40. **(Best Paper Award)**
18. "Mosques since 1900," in Patrick Goode, Ed. *The Oxford Companion to Architecture*, 2009.
19. co-editor with Salma K. Jayyusi, Attilio Petruccioli and Andre Raymond, *The City in the Islamic World* (2 vols) (Leiden, Brill: 2008).
20. " 'Our Works Point to Us': On the Uses of the Past" *Iran: Architecture for Changing Societies*, Philip Jodidio, ed. (Paris, 2005) 119 – 126.
21. "Looking Back, Looking Forward," in *Architecture Beyond Architecture*, ed. Cynthia C. Davidson with Ismail Serageldin (London: Academy, 1995) 160-65.

22. "The Ivories" in *Al-Andalus, Spain before 1494*, J.L. Dodds and D. Walker, eds. (New York: Metropolitan Museum of Art, 1992)190-202.
23. "Luxury Arts of the Cordoban Court" in *Al-Andalus, Spain before 1494*, J.L. Dodds and D. Walker, eds. (New York: Metropolitan Museum of Art, 1992) 40-47;
24. "Text, Plan and Building: On the Transmission of Architectural Knowledge" in *Theories and Principles of Design*, M. Ševčenko, ed. (Cambridge, MA: 1988) 8-24.
25. "Ab-Anbar," in E. Yarshater, ed., *Encyclopaedia Iranica*, Vol. I, 39-41.
26. "Defining an Art of Architecture" in Ahmet Evin, ed. *Architectural Education in The Islamic World* (Geneva – Singapore: Aga Khan Award for Architecture, 1986) 26-32.
27. "Educational and Multifunctional Buildings in Traditional Islamic Settings" *Designing in Islamic Cultures I, Higher Educational Facilities*, M. Ševčenko, ed. (Cambridge: Aga Khan Program, 1982) 6-13.
28. with O. Grabar "A Tenth Century Source for Architecture" *Eucharisterion, A Festschrift for Professor Omelian Pritsak* (Cambridge, MA: Harvard University Press, 1981), 310-31.
29. *Conservation as Cultural Survival*, editor, Philadelphia, 1979.
30. with L. Golombek, "The Isfahan City Project: A Preliminary Report" *Archaeologische Mitteilungen Aus Iran*, VI, 1978, 578-590.
31. *Towards an Architecture in the Spirit of Islam*, editor, Philadelphia, 1978.
32. *Studies on Isfahan*, (Proceedings of the Isfahan Colloquium), editor, published as Volume VII/1-4 of Iranian Studies; Part I, Preface, 8-9; Comments, 45-58.
33. "The Duvazdeh Imam Inscription and Its Inscription of Foundation" *Studies in Honor of George C. Miles*, (Beirut, 1972) 285-288.
34. "A Medieval Town in Syria," *Archaeology*, June 1969, XXIII, 221- 231.

In Press or Preparation

1. "The Sectarian World of Jerba and the Game of Spolia" *Against Gravity: Building Practices in the Pre- Industrial World*. Center for Ancient Studies Annual Symposium, University of Pennsylvania, March 2015; digital publication at <http://www.sas.upenn.edu/ancient/publications.html>.
2. "Instances of the Sacred in a Pre-Modern Landscape: Sites, Loci and Practices on the Island of Jerba" *Encompassing the Sacred in Islamic Art and Architecture*, Proceedings of the Ernst Herzfeld Society (in preparation) 15 pp.

VII. ONGOING RESEARCH PROJECTS:

A. Archeological and archival survey of the Island of Jerba, Tunisia: A collaborative project with Elizabeth Fentress, American Academy in Rome and Ali Drine, Institut National du Patrimoine, Tunis.

1. *Island through Time: Jerba Studies*, Volume 1, 2009;
2. *Island through Time: Jerba Studies*, Volume 2 in final preparation; see also interim website: <http://www.sas.upenn.edu/jerba/> and articles;
3. Podcast: <http://www.ottomanhistorypodcast.com/2018/03/jerba.html>

B. Chungul Kurgan: The Study of a Medieval (Qipchaq) Kurgan: Supported by a Getty Collaborative Grant, with Yuri Rassamakin and Vitaly Otroshchenko of the Institute of Archaeology, Kyiv, Oleksandr Halenko, Institute of History, Kyiv, and Warren Woodfin, Queens College. (proposal for monograph submitted to Penn State Press, working title for monograph: "The Last Kurgan")

C. Vision and Gaze in the study of the Visual Culture of Islamic Civilization: a long - term inquiry into the history of art and optics; beginning phase completed with the organization of the Provost's Interdisciplinary Seminar on the Power of Sight; second phase the construction of an undergraduate major in Visual Studies launched Fall 2003, see: <http://www.arthistory.upenn.edu/vlst/>; third phase a series of graduate seminars (2002, 2005, 2008, 2011, 2014 and 2016); fourth phase, research papers at conferences: fall 2012 at the Kunsthistorisches Institut, Florence; fall 2013, Palermo; Crossroads Lecture at UNC 2016; Lecture at Temple University, and at Philadelphia Community College, 2017.

D. *Recovering Rayy: Eric Schmidt's Excavations at Rayy, Iran and their contribution to the Material Culture of Medieval Iran*. Project for study and publication (in conjunction with Rocco Rante of the Islamic Department, Louvre Museum); first presentation at Delaware Valley Medievalist Association, March, 2013; selected Rayy materials written up for the Metropolitan Museum of Art exhibition and catalogue on the Seljuks: *Court and Cosmos*, summer 2015 – spring 2016; ongoing study of materials supported by grants from Aga Khan Trust for Culture, the 1984 Foundation, and the Williams Fund, History of Art Department.

E. *Toward a 'Biography' of a Manuscript: NEP 27, a Qur'an Manuscript Copied in Hamadan at the Penn Museum* (<http://sites.sas.upenn.edu/nep27wksp>); full - scale study of a manuscript in preparation; conservation studies since 2014 supported by various sources including the Penn Museum, The Middle East Center and the Aga Khan Trust for Culture grant. Publication in preparation for submission in summer 2019 on the results of this study to the Brill series in Islamic Art and Archaeology.

VIII. Papers and Lectures

Numerous papers and lectures (since Spring 2012, **in chronological order**):

1. "Uses of History: An Exploration in Architectural Thinking, Context, Geometry, Memory" ISLAMIC URBAN HERITAGE: Research, Preservation and Management,

- International Research Center in Islamic Civilization and Art (IRCICA), Istanbul, June 2012.
2. "Ornaments of the House: Objects of Daily Use" at a conference Hewaar - Dialogue: Meaning and Presentation in the Arts of Islamic Culture, Thursday, March 15, 2012, Brigham Young University Museum, Provo, Utah.
 3. "Sépulture d'un prince nomade dans la steppe de la Mer Noire: rang, éléments transculturels et contrôle territorial au début du XIIIe siècle" Musée du Louvre, Paris; Lecture in the series, *Actualité de la recherche archéologique*, March 21, 2012.
 4. Keynote Address for "Discoveries: New Research on the Collections of Islamic Art" at the Historians of Islamic Art Association (HIAA) Biennial Meeting held at the Metropolitan Museum of Art, April 2012, <http://www.youtube.com/watch?v=ILtplgaj4nE&feature=relmfu>
 5. "Seeing in Isfahan: Expanding Gaze for an Early Modern Capital" The Bahari Foundation Lecture, Islamic Art Circle, School of Oriental and African Studies, London, April 2012.
 6. The National Mosque of Baghdad Competition: A Conversation Between Denise Scott Brown, Renata Holod and Frederic Schwartz, Center for Architecture, NYC, May 2012.
 7. "Generating an Interior through Cognitive Recall: More on al- Hakam's Addition to the Mosque of Cordoba" in *Gazing Otherwise: Modalities of Seeing* A Conference organized by Olga Bush and Avinoam Shalem, at the Kunsthistorisches Institut- Max-Planck-Institut, Florence, October 10-12, 2012.
 8. "The Making of Sectarian Space: Ibadi Jerba and the Shape of Its Settlement" in Session titled of *Historical Methodologies for Study the Medieval Maghrib* MESA Annual Meetings, Denver, November 2012.
 9. "Ibadi Jerba and its Pattern of Settlement" Lecture, Seminar and book workshop; Islamic Studies Program/ The International Institute, University of Michigan, March 2013.
 10. "Past in Present: Building in the Islamic World Today" Camden County College Center for Civic Leadership and Responsibility co-organized with Penn Museum's International Classroom Program, The American Research Institute in Turkey (ARIT), and the Penn Middle East Center, April 2013.
 11. "Archaeology on the Steppe and in the Mediterranean: The World as Grave Goods" seminar and lecture in the Winton Seminar on Early Globalities "EARLY GLOBALITIES II: Africa, The Mediterranean, and the Atlantic" University of Minnesota, April 2013.
 12. "Reconstructing Vision and Experience" paper and discussion session at International Fellows Program (IFP): Legacy and the New Landscape, Roger Williams University: School of Architecture, Art and Historic Preservation, RI, June, 2013. (<http://youtu.be/jR6LHUDZpAg>)
 13. "Seeing and Being Seen in Isfahan: Expanding Gaze in an Early Modern Capital" invited lecture, Amherst College, October 2013.

14. "On Regimes of Interiors: Lighting the Great Mosque of Cordoba and Its Effects" paper at the fifth biennial Hamad bin Khalifa Symposium on Islamic Art, *God is the Light of the Heavens and the Earth: Light in Islamic Art and Culture*, November 9-11, 2013 in Palermo, Italy.
15. "Reconstructing Ritual from Archaeological Investigation: Chungul Kurgan from the Qipchaq Steppe of the Early 13th Century" invited lecture at the Seminar in Ottoman & Turkish Studies, Archaeology Centre and the Department of History Department of Near & Middle Eastern Civilizations, University of Toronto, Toronto, Canada, February 2014
16. "On Interiors and the Regimes of Lighting: Vision in the Mosque of Cordoba" Benjamin West Endowed Lecture in Art History, Swarthmore College, February 2014.
17. "Material Culture at the time of the Seljuks", Seljuk Workshop at the Islamic Department, Metropolitan Museum of Art" New York, May 2014.
18. "'Our Works Point to Us': Making, Ordering, Describing Visual Cultures in the Islamic World" in the series "'Islamic' Art: Disrupting Unity and Discerning Ruptures" organized by Avinoam Shalem, Columbia University, New York, September, 2014
19. "Seeing and Being Seen in Isfahan: Expanding Gaze for an Early Modern Capital" Museum of Asian Art, San Francisco, October 2014.
20. "Taras Shevchenko: An Orientalist Painter?" Roundtable on "Taras Shevchenko as an Artist" The Ukrainian Museum, New York, October 2014.
21. "Seeing and Being Seen in Isfahan: Expanding Gaze for an Early Modern Capital" at The Quadrangle, Haverford, October 2014.
22. "Tumulus in the Pontic Steppe: Reconstructing Ritual, Community and Polity in the early Thirteenth Century CE" in the series, Points of Contact: New Approaches to Islamic Art, organized by B.F. Flood, IFA, NYU, November 2014.
23. The Carl Sheppard Memorial Lecture, University of Minnesota: "On Regimes of Lighting: Vision and Memory in the Great Mosque of Cordoba", November 13, 2014.
24. "The Sectarian World of Jerba and the Game of Spolia" *Against Gravity: Building Practices in the Pre-Industrial World*. Center for Ancient Studies Annual Symposium, University of Pennsylvania, March 2015.
25. "Instances of the Sacred in a Pre-Modern Landscape: Sites, Loci and Practices on the Island of Jerba" *Encompassing the Sacred in Islamic Art and Architecture*, The 11th Meeting of the Ernst Herzfeld Society, Bamberg University, Germany, July 2015.
26. "Epigraphy, Titles and Textiles" *Tejidos Medievales en Iberia y el Mediterraneo* Archaeological Museum, Madrid, June 2015.
27. "Seeing and Being Seen in Isfahan", *Isfahan, Archetypal City*, at the Center for Middle Eastern Architecture and Culture, University of Oklahoma, March 29-30, 2016.

28. "Lighting the Great Mosque of Cordoba: Interiors, Vision, and Memory" University of North Carolina, Crossroads Lecture, April 18, 2016.
29. "What's in a Name? Signature or keeping count?" *Court and Cosmos*: Symposium on the Seljuks, Metropolitan Museum of Art, June 9-12, 2016.
30. "Encounters with Science: Materials Excavated at Rayy" Medieval/Renaissance Seminar, UPenn, September 14, 2016.
31. "On the Biography of One Manuscript: A 12th c. Qur'an Copy in the Penn Museum Collections" Workshop on the History of Material Texts, UPenn, September 29, 2016.
32. "Lighting the Great Mosque of Cordoba: A Digital Reconstruction of Vision and Memory for 10th c. CE Interiors" Tyler School of Art, Temple University, February, 2017.
33. "'How and why were the traces of their edifices erased?': Archaeological /Ethno - historical Survey, Its Results and Interpretation" The Archaeology and Material Culture of the Medieval Islamic West, KRC RESEARCH SEMINARS, Oxford University, Oxford, June 2017.
34. "Polovtsi, the 4th Crusade and the Battle at Kalka" Shevchenko Scientific Society of Canada, Toronto, October 13, 2017.
35. "What's in a Name? Signature or keeping count?" Aga Khan Museum, Toronto, Canada, October 15, 2017.
36. "Lighting the Great Mosque of Cordoba: A Digital Reconstruction of Vision and Memory for 10th c. CE Interiors" Community College of Philadelphia, November 3, 2017
37. "The Same Place, Only Later" Lecture to the docents of the Penn Museum, in preparation of the opening of the new ME galleries, November 6, 2017.
38. *Method and Theory in Post-Classical Art and Archaeology*, Art and Archaeology of the Mediterranean World, UPenn, seminar, with Sarah Guerin, November 10, 2017.
39. "What's in a Name? Signature or keeping count?" Colloquium, History of Art Department, UPENN, December 8, 2017.
40. "From the Pyramids to Taq-i Bustan" *Defining and Redefining National Identity*, Symposium, Westphal College, Drexel University. December 10, 2017.
41. "On Streets, Markets, Lanes and Houses in not – so - Ancient Cities" Center for Ancient Studies, UPENN, April 20-21, 2018.
42. "Tools of Their Trade: Geometry, Pharmacy, Medicine and Alchemy" Lightbulb Café, April 24, 2018.

43. "City in the Islamic World: Theory, Plan, Law and Use" Great Lecture Series, Penn Museum, May 2, 2018.

44. "Safavid Isfahan and its Luxury Textiles," The Keithley Symposium, Case Western Reserve University and the Cleveland Museum of Art, September 27-29, 2018.

45. "A 6th Century Hijri/ 12th Century CE Quran Copy at the Penn Museum: From Original Layout to Its Use Through Time," 11th Annual Schoenberg Symposium on Manuscript Studies in the Digital Age, The Kislak Center for Special Collections, Rare Books, and Manuscripts, University of Penn Libraries (the Library), November 15-17, 2018.

IX. OTHER PROFESSIONAL ACTIVITIES (since 2012)

A. Organization of Workshops, Meetings and Displays

1. **Spring 2018:** Lecture Series on Iran in conjunction with course *Art of Iran: From the Sasanians to the Abbasids*. Speakers: Soren Stark, ISAW, NYU, "The Rise of Sogdiana"; Alan Walmsley, Dumbarton Oaks, "From Sasanid to Abbasid, in *Bilad al-Sham*, 610-750 CE"; Rocco Rante, Louvre Museum, "Architecture and its Stucco Decors in the Middle East, from Late Antiquity to the Islamic period"; Matt Canepa, U of Minnesota "Crafting the Spatial Cosmologies of the Iranian Expanse: Transforming Ancient Iranian Identity through Landscape and the Built Environment."

2. **Spring 2016:** Lecture Series on Al- Andalus in conjunction with course *Art of al-Andalus: Cordoba*. Speakers: Glaire Anderson, UNC, "A Muslim Daedalus: Caliphal Science & Design"; Tarek Kahlauoi, Rutgers, "Andalusi Mariners and Their Image of the Land and Sea"; Abigail Krasner Balbale, Bard Graduate Center, New York, "Contesting the Caliphate: Ibn Mardanīsh's Fight with the Almohads in Twelfth-Century Iberia"; "Maria Judith Feliciano, "Andalusi Textiles or Medieval Textiles in Iberia?"; Cynthia Robinson, Cornell University, "How to See the World: Metaphor, Symbol and Illumination in Nasrid Visual Culture".

3. **Spring, 2015,** Lecture Series in Islamic Archaeology in conjunction with course *Approaches to the Archeology of Islamic Periods*. Speakers included: Hugh Kennedy, SOAS, "Archaeological Evidence and the Study of the Economy of the Early Islamic Middle East"; Martina Ruggiadi, Metropolitan Museum of Art, "'From Sultans' capital to devotional destination: investigations around Ghazni (Afghanistan); Aslı Özyar, Boğaziçi University and Director of Tarsus-Gözlükule Excavations, "Medieval Islamic Remains from the 2007-2012 Excavations at Tarsus-Gözlükule"; Rocco Rante, Musée du Louvre, "Iranian cities. Dynamics of occupations and water management, between antiquity and Islamic period"

4. **Spring, 2014:** Lecture Series in conjunction with course: *Kingship, Territory, Religion: The Visual Culture(s) of the Iranian World between the Sasanians and the Abbasids (500 CE – 1000 CE)*. Speakers included: Alexandr Naymark, Hofstra, "Visual Programs after the Islamic Conquest: The Varakhsha Palace and the Fate of its Owners, the Bukhar Khudas"; Matteo Compareti, ISAW, NYU "On the Painting Programs in Sogdian Paintings before and after the Islamic Conquest: Sources, Narratives, Styles"; Parvaneh Pourshariati, Ohio State University "The Arab Conquest of the Near East Reconsidered: Implications for early 'Islamic' History"; Judith Lerner, ISAW, NYU "Visual

Cultures of Greater Iran: The Art of the Sasanians, Kushano-Sasanians and the 'Iranian' Huns in Bactria."

5. **September, 2013:** *Workshop on Sultaniyya*: exploring the details of the structural achievement, and decorative and epigraphic programs of the commemorative complex of the Ilkhanid ruler, Oljeytu. Participants included: Marco Brambilla, Sheila Blair, Eleanor Sims, Nancy Steinhardt, Renata Holod, Robert Ousterhout, Lothar Haselberger, Jonathan Bloom, Jordan Pickett, Bernard O'Kane.

6. **February 2013:** A Project in the History of the Book Workshop: *Toward a 'Biography' of a Manuscript: NEP 27, a Qur'an Manuscript Copied in Hamadan at the Penn Museum* (<http://sites.sas.upenn.edu/nep27wksp>). Author and co-editor with Yael Rice; participants in the volume to include the following undergraduate and graduate students: Alex Brey (Bryn Mawr); Elliott Brooks; Michael Falcetano; Quintana Heathman; V.K. Inman; Emily Neumeier; Elias Saba; Raha Rafii; Whitney Mash; Michael Ferrara (Haverford College); Anandi Black, and conservators Julie Ream and Nina Owczarek.

7. **May 2012:** *The National Mosque of Baghdad Competition* A Conversation Between Denise Scott-Brown, Renata Holod and Frederic Schwartz
<http://cfa.aiany.org/index.php?section=calendar&evtid=4024>

8. **March 2012:** *Masons at Work*, Annual Symposium of the Center for Ancient Studies, co-organizer with Robert Ousterhout and Lothar Haselberger; see edited proceedings at <http://www.sas.upenn.edu/ancient/publications.html>

9. **February 2012:** Center for Architecture, NYC; Advisor for two exhibitions: *City of Mirages: Baghdad, 1952-1982*, and *CHANGE: Architecture 2000 to the Present*

B. Academic Reviews and Committees

1. Fall 2018: History of Art Department, Johns Hopkins University.
2. Fall 2018: *Doctorat d'état* committee, Université de Paris, for Rocco Rante.

C. Filmed Interviews/ lectures

1. **Spring 2018:** On Jerba in the Ottoman History podcast series, discussing the later periods of the occupation on the island of Jerba, Tunisia as recorded by the archaeological survey project co-directed by Ali Drine, Elizabeth Fentress and Renata Holod.

<http://www.ottomanhistoricalpodcast.com/2018/03/jerba.html>

2. **Spring 2012:** for symposium *Baghdad and the Modernist Imagination*: Professor Renata Holod discusses her role as consultant to the firms of Arthur Erickson, and of Venturi, Rauch and Scott Brown, both commissioned to design projects for Baghdad. Professor Holod explains how these architects relied upon her for knowledge about Islamic architecture and gardens in order to make design decisions that were site-specific and sensitive to the cultural context. She also offers observations on the reception of these projects by the Iraqis who were seeking to combine a universal modernism with national traditions.

3. **Spring 2013:** *Reconstructing Vision and Experience* at Roger Williams University
<http://youtu.be/jR6LHUDZpAg>

4. **May 2012:** *The National Mosque of Baghdad Competition* A Conversation Between Denise Scott-Brown, Renata Holod and Frederic Schwartz
<http://cfa.aiany.org/index.php?section=calendar&evtid=4024>

5. **Winter 2010-11:** "From Baghdad to Bukhara and Back" in lecture series Great Adventures along the Silk Road.

<https://www.penn.museum/collections/videos/video/1064>

6. **Winter 2010-11:** "Tamurlane's Samarkand" in lecture series Great Adventures along the Silk Road: <https://www.penn.museum/collections/videos/video/994>

7. **Spring, 2004:** UPENN 60 – second Lecture: "Site of Sight, Rite of Sight, Right to Sight" <https://vimeo.com/channels/328948/41857436>

IX. DISSERTATIONS:

(in **chronological order**: dissertations directed*; co-direction indicated in parentheses; followed by [research languages]; present position in **bold**):

- *1. Ali Saremi "Exploring the Nature of the Square Plan"
Ph.D. Program in Architecture, 1976
[Persian]
Tajeer Architects, Tehran

- *2. Abdullah Bukhari "A Study in Urban Formation, The Case of Jeddah",
Ph.D. Program in Architecture, 1978
[Arabic]
Architectural Practice; Member of the Saudi Shura' (Council)

- 3. Katherine Maurer "The Partho-Sassanian Northeast Frontier Settlements in the Damghan Plain, Iran"
Graduate Group in Anthropology, 1981
(with Robert Dyson)
[Persian]

- 4. Sheila Blair "The Shrine at Natanz, Iran"
Ph.D. Fine Arts, 1981 (Harvard University)
(with Oleg Grabar)
[Persian, Arabic]
Professor, Boston College, and Virginia Commonwealth University

- *5. Mahmud Daza "Understanding the Traditional Built Environment. Crisis, Change, and Context of Habitations and Settlements in Libya"
Ph.D. Program in Architecture, 1982
[Arabic]
Professor, School of Architecture, Tripoli, Libya

- *6. Osamah El-Gohari "Mosque Design in Light of Psycho-Religious Experience",
Ph.D. Program in Architecture, 1984
[Arabic, Turkish]
Head of Architecture and Building Science, KSU;

Secretary-General, Prince Sultan bin Salman Award for Urban Heritage, Kingdom of Saudi Arabia

- *7. Nancy Micklewright
“Women's Dress in 19th Century Istanbul: Mirror of a Changing Society”
Graduate Group in the History of Art, 1984
[Turkish, Arabic]
Freer/Sackler Galleries, Head, Scholarly Programs and Publications
- *8. Eleftherios Pavlides
“Vernacular Architecture in its Social Context: A Case Study of Eressos, Greece”
Ph.D. Program in Architecture, 1985
[Greek]
Professor, School of Architecture, Roger Williams University
9. Salah Hassan
“Lore of the Traditional Malam: Material Culture of Literacy and Ethnography of Writing Among the Hausa of Northern Nigeria”,
Graduate Group in Folklore, 1988
(with Dan Ben-Amos)
[Arabic]
Professor, History of Art and Africana Studies, Cornell University
10. Mark Crinson
“Victorian Architects and the Near East: Studies in Colonial Architecture, Architectural Theory, and Orientalism”
Graduate Group in the History of Art, 1989
(with David Brownlee)
[French, German]
Professor, History of Art, University of Manchester
- *11. D. Fairchild Ruggles
“Madinat al-Zahra's Constructed Landscape”
Graduate Group in the History of Art, 1991
[Arabic, Spanish]
Professor and Chair, Landscape Architecture, Univ. of Illinois-Champaign-Urbana
12. Roya Marefat
“Beyond the Architecture of Death: Shrine of the Shah-i-Zinda in Samarqand”
Ph.D. Fine Arts, Harvard University, 1991
(with Oleg Grabar)
- *13. Lucienne Thys-Senocak
“Unfinished Business: Building the *Yeni Valide Cami* (The Sultans' Mothers' Mosque)”
Graduate Group in the History of Art, 1994

- [Turkish and Ottoman Turkish]
Associate Professor, Koç University, Istanbul
- *14. Cynthia Robinson “Periodization of the Visual Culture of the Muluk al-Tawa’if”
 Graduate Group in the History of Art, 1995
 [Arabic, Latin, medieval Spanish, Catalan]
Professor and Chair, Cornell University
- *15. David Roxburgh “‘Our Works Point to Us’: Album Making, Collecting and Art (1427-1565) under the Timurids and Safavids”
 Graduate Group in the History of Art, 1996
 [Arabic, Persian and Turkish]
Professor and Chair, Harvard University
16. Beebe Bahrami “The Maintenance of Andalusian Culture in Morocco,”
 Graduate Group in Anthropology, 1996
 (with Brian Spooner)
 Film editor and scriptwriter
 [Persian, Arabic]
17. Elizabeth Bolman “The Coptic Glaktotrophousa as the Medicine of Immortality”
 Bryn Mawr College, 1999 (with Dale Kinney)
 [Arabic, Latin]
Professor and Chair, Case Western Reserve University
- *18. Abdul Aziz Abu Suleiman “Planning Practices in Jeddah”
 Ph.D. Program in City and Regional Planning, 1999
 (with Ann Spirn)
 [Arabic]
Jeddah, Municipal Planning Office
- *19. Alaa Al-Habashi “Cairo of the Comité: Restoration and Politics”
 Ph.D. Program in Architecture, 2001
 (with David De Long)
 [Arabic, French]
Associate Professor, Monofia University, Shebin al-Kom, Cairo
- *20. Anna Sloan “Artisan Workshop Practices in the Architecture of Pre-Mughal Jaunpur,”
 Graduate Group in the History of Art, 2001
 (with Michael Meister)
 [Persian, Arabic, Hindi]
21. Christopher Pastore “The *Sacra Agricultura* Movement of the Veneto and the Expanded Antique”

- Graduate Group in the History of Art, 2003
(with Ann Kuttner)
[Latin, Italian, Persian]
Associate Dean, College of Liberal Studies, UPenn
22. Konstantinos Kourelis
“Medieval Settlements in the Northwestern Peloponnese”
Graduate Group in the Art and Archaeology of the Mediterranean World, 2003
(with Cecil L. Striker)
[Church Slavonic, medieval Greek]
Associate Professor, Franklin and Marshall College
23. Thomas Morton
“The Impact of Luxury: The Forum of Meninx, Jerba - An Architectural Investigation”
Graduate Group in the History of Art, 2003
(with Lothar Haselberger, Ann Kuttner, Elizabeth Fentress)
[Latin]
Lecturer, University of Pittsburg
24. Michael Frachetti
“Nomads: Settlement in the Bronze Age Steppe,”
Graduate Group in Anthropology, 2004
(with Fred Hiebert and Gregory Possehl)
[Russian, Chinese, Kazakh]
Professor, Washington University, St. Louis
- *25. Alison Mackenzie
“Power, Patronage and Architecture in Hyderabad”
Graduate Group in History, 2004
(with David Ludden and Lynn Lees)
[Hindi, Persian]
Assistant Dean, University of Denver
26. Kimberley Maxine Brown
“Fluxgate gradiometry and the investigation of Archaic Period Rural Settlement in Central Italy”
Graduate Group in the Art and Archaeology of the Mediterranean World, 2004
(with Bernard Wailes and Elizabeth Fentress)
[Latin]
Veterans’ Administration and Lecturer, University of the Arts
27. Heather Grossman
“The Pointed Arch and the Brick Dome: Architecture as Evidence of Cultural Interaction Between Franks and Byzantines in Medieval Greece,”
Graduate Group in the History of Art, 2004
(with Cecil L. Striker)
[Medieval and modern Greek, Latin]

**Visiting Assistant Professor, University of Illinois –
Champaign - Urbana**

- *28. Maria Feliciano
“Luxury Arts in Spain and New Spain,”
Graduate Group in the History of Art, 2004
[Arabic, Latin and medieval Spanish]
**Independent Scholar; lecturer, Yale University, and
University of Pennsylvania**
- *29. Christiane Gruber
“Muhammad’s Mythical Journey: Development of
Narrative and Imagery of the Mi’raj”
Graduate Group in History of Art, 2005
[Arabic, Persian, Turkish, Ottoman Turkish, Chaghatai]
Professor, University of Michigan
30. Omür Harmanşah
“Spatial Narratives, Commemorative Practices and the
Building Project: New Urban Foundations in Upper Syro
- Mesopotamia During the Early Iron Age”
Graduate Group in History of Art, 2005
(with Holly Pittman)
[Akkadian]
Associate Professor, University of Illinois (Chicago)
- *31. Hassan Radoine
“An Urban Dialectic: Conservation, Planning, and
Development, The Case of Moroccan Cities”
Ph. D. Program in Architecture, 2006
[Arabic, French]
Dean, Royal School of Art, Rabat
32. Susanna Mc Fadden
“Courtly Places and Sacred Spaces: The Social and
Political Significance of Late Antique Wall Painting”
Graduate Group in the History of Art, 2007
(with Ann Kuttner, Elizabeth Bolman)
[Latin]
Visiting Assistant Professor, Bryn Mawr College
- *33. Stephennie Mulder
“Sacred Landscape and the Sectarian Divide”
Graduate Group in the History of Art, 2008
[Arabic]
Associate Professor, University of Texas Austin
- *34. Tarek Kahlaoui
“The Depiction of the Mediterranean in Islamic
Cartography (1086-1601)”
Graduate Group in the History of Art, 2008
[Arabic, Catalan, Italian, Ottoman Turkish]
Assistant Professor, MSB
South Mediterranean University, Tunis-Tunisia

35. Gunder Varinlioğlu “Rural Landscape and Built Environment at the End of Antiquity: Limestone Villages of Southeastern Isauria” Graduate Group in the Art and Archaeology of the Mediterranean World, 2008
(with C.L. Striker)
[Greek, Latin, Turkish]
RCAC, Istanbul
- *36. Asseel Al-Ragam “Toward a Critique of an Architectural *Nahdha*: A Kuwaiti Example”
PhD Program in Architecture, 2008
[Arabic, French]
Associate Professor and Dean, Kuwait University
37. Pushkar Sohoni “Between Greater Kingdoms: Ahmadnagar and the Centrality of Boundaries”
Graduate Group in the History of Art, 2010
(with Michael Meister)
[Persian, Hindi]
38. Mandavi Mehta “On the Visual Culture of 16th c. Chamba”
Graduate Group in the History of Art, 2011
(with Michael Meister)
[Persian, Hindi]
- *39. Leslee Michelsen “To Lift the Veil from the Face of Depiction’: Figural Imagery and Iconography in Central Asia and Iran 900-1300 CE”,
Graduate Group in the History of Art, 2011
[Persian, Russian, Turkish (Uzbek)]
Chief Curator, Shangri-La/ Doris Duke Center, Hawaii
- *40. Yael Rice “Mughal Visual Production and the Early Modern World”
Graduate Group in the History of Art, 2011
[Arabic, Persian, Nepali, Hindi]
Assistant Professor, Amherst College
41. Julia Perratorre “Romanesque on the Frontier: Santa Maria of Uncastillo at the time of the ‘Reconquest’”
Graduate Group in the History of Art, 2012
(with Robert Maxwell)
[Latin, medieval Spanish]
Research Fellow, Metropolitan Museum of Art
42. Rose Muravchik “God is the Best Guardian: Islamic Talismanic Shirts and Armor in the Gunpowder Empires”

- Graduate Group in Religious Studies
(with Jamal Elias), 2014
[Arabic]
Assistant Director, The Center for Teaching and Assessment of Learning, University of Delaware
43. Jordan Pickett
"Water after Antiquity: The Afterlives of Roman Water Infrastructure in the Eastern Mediterranean (300-800 AD)".
Graduate Group in the Art and Archaeology of the Mediterranean World, 2015
(with Robert Ousterhout and John Haldon)
[Greek, Latin]
Assistant Professor, University of Georgia
44. Mehranoush Souroush
"Irrigated Landscapes beyond Political Dynamics: Long-term water management strategies on the Miān-āb Plain of Khuzistan (Iran)"
Institute for the Study of the Ancient World (ISAW)
NYU, May 2016
(with Jason Ur, Dan Potts)
[Arabic, Persian]
Post- Doctoral Fellow, Harvard University
- *45. Emily M. Neumeier
"*Theaters of Fortune and Triumph: Transformations in Patronage, Architecture and Urbanism in the Ottoman Provinces (1780-1825)*"
Graduate Group in the History of Art, October 2016
[Turkish, Ottoman, Arabic, modern Greek]
Getty/ ACLS Post-Doctoral Fellow;
Assistant Professor, Temple University
46. Jamie Saniecki
"Building Hagiographies: Sainly Imagery in Monumental Contexts, The case of the Façade Sculpture of the Cathedral of S. Martino in Lucca (c. 1180-1260)"
Graduate Group in the History of Art, October 2016
(with Robert Maxwell, Robert Ousterhout)
[Latin]
47. Elizabeth Lastra
"Stability and Transitivity: Visualizing Urbanization and Identity Formation in the Pilgrimage Town of Carrión de los Condes"
Graduate Group in the History of Art, Spring 2017
(with Robert Maxwell, Larry Silver)
[Latin]
Assistant Professor, Univ. of Hong Kong

48. Alon Tam "Coffeehouses and Café Culture in Late Nineteenth- and Early Twentieth Century Cairo"
Graduate Group in Near Eastern Languages and Cultures, Fall 2017
(with Heather Sharkey)
[Arabic]
Post-doctoral Fellow, Katz Center, UPENN
49. Alexander Brey "The Meaning of Hunting Scenes in Late Antique Cultures from Panjikent to Qusayr 'Amra"
Bryn Mawr College (with Alicia Walker)
[Arabic, Greek]
Post- Doctoral Fellow, CASVA
Assistant Professor, Wellesley College
- *50. Theodore Van Loan "'Umar's Bargain': Image-Making and Image –Beholding in Early Islam"
Graduate Group in the History of Art
[Arabic]
Pre- Doctoral Fellow, Kunsthistorisches Institut, Florence
Defended Summer 2018; RA 2018-19 for Jerba Project and Rayy Project
- Ongoing:**
- *51. Aminah al- Kanderi Architecture and Planning of Kuwait City
"the Future Development of the Old City" 1968 – 1989
Ph.D. Program in Architecture
52. Megan Boomer "Landscapes of Salvation: Architecture and Memory in the Latin Kingdom of Jerusalem"
Graduate Group in the History of Art
[Arabic]
with Robert Ousterhout and Sarah Guerin
Pre- Doctoral Fellow, Kunsthistorisches Institut, Florence