

## FRANCESCA CASADIO, Ph.D.

Experienced and entrepreneurial museum leader with proven track record of innovative collaborations in research, academic partnerships, programming and social/ visual media. Raised over \$40 million in capital, programmatic and endowment support from foundations and individuals. Engaging and dynamic spokesperson, effective at cultivating relationships with donors, trustees, and diverse groups of external constituencies. Has deep experience with conservation, scientific research in the humanities, and school and academic programs that connect art and science. Extremely well connected in the US cultural landscape and in Europe, and a recipient of international prizes and an honorary doctorate from the Sorbonne University in Paris. An established resource for journalists reporting on museums and cultural heritage in the US and Europe. Effective leader, skilled at building high-performing, engaging and accountable teams that work collaboratively achieving ambitious goals.

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**Education** Docteur Honoris Causa, Sorbonne Universités, Paris (2019)

The Getty Leadership Institute at Claremont Graduate University, Certificate of Completion, (2016)

Ph.D. 2001. University of Milano and National Council of Research (CNR) Center “Gino Bozza”, Italy. Ph.D. Thesis focus on Cultural Heritage (Chemistry): “Analytical investigation of synthetic polymers used in conservation of works of art and architecture”

M.S. Degree, 1998 (Magna cum Laude). University of Milano and CNR Center “Gino Bozza”, Italy. Master’s Thesis (Italian “Laurea”), focus on Cultural Heritage (Chemistry): “Micro-Raman and FTIR spectroscopies applied to the investigation of pigments in polychrome works of art”

Erasmus fellowship, Imperial College of Science, Technology and Medicine, London (1995 - 1996)

High School Diploma “Liceo Classico M. D’Azeglio”, Torino Italy, (60/60) (1992)

**Professional** July 2020 – *present*. **Associate Vice President and Grainger Executive Director of Conservation and Science**, The Art Institute of Chicago

January 2018- June 2020. **Grainger Executive Director of Conservation and Science**

- Directs the operations, research, outreach and development agenda of the Conservation and Science Department, comprising 35 staff members. Manages an operating budget of \$3M (including salaries), and a portfolio of \$15M in restricted funds.
- Re-structured the department twice, bringing all conservation specialties previously nested in curatorial divisions under the same department, established Time-Based Media conservation for the museum and launched a multi-year Art+Science program for schoolchildren and educators.
- Since 2003 has raised over \$40 M through federal grants and private donations

January 2009– December 2017. **A. W. Mellon Senior Conservation Scientist**; *The Art Institute of Chicago*.

July 2003 – December 2008 **A. W. Mellon Conservation Scientist**

- Established the scientific laboratory and directed the conservation science program (research, staff, and financial stewardship)
- Founding director of a multi-year collaborative program in conservation science with Northwestern University (since 2004); presently as co-director (with Prof. Marc Walton of NU) of the Northwestern University/Art Institute of Chicago Centre for Scientific Studies in the Arts (2013-2024).

October 2002 - June 2003. **Conservation Scientist**. *ICVBC-CNR (National Council of Research Institute for the Conservation and Enhancement of Cultural Heritage) Sezione di Milano, "Gino Bozza", Milan, Italy*

- Research on preservation, protection and degradation of historic architecture and sculpture (conservation of the Façade of the Gothic Cathedral, the "Duomo", Milan; Michelangelo's David, Florence)

September 2001 - September 2002. **Graduate Intern**. *Getty Conservation Institute, Los Angeles*.

- Research on historical mortars from Mesoamerica

October 2001 – September 2002. **Volunteer assistant scientist**. *Los Angeles County Museum of Art, Dept. of Conservation Science*

- Research on synthetic and archaeological samples of Maya blue

1999 – 2003. **Lecturer**. *Italy*

- Courses on conservation science and history of artistic techniques

September 1998 – March 1999. **Special Projects Research assistant**. *CNR Center "Gino Bozza", Milan, Italy*

March - August 1998. **Laboratory Assistant**. *Diagnostic and conservation private laboratory "Il Cenacolo", Rome, Italy*

Spring 1996. **Trainee/intern**. *Conservation laboratory "UCL paintings analysis", London*

**Interest Areas** Study of artists' materials and techniques from antiquity to contemporary art, with a special interest in painting materials and 18<sup>th</sup> c European porcelain. Conservation of collections and public engagement with museum objects. Passionate about designing public programs, digital initiatives, curricular and other training activities using art objects as portal for dialogues between science and art.

**Other Appointments** 2014- 2021 **Adjunct Professor**, Department of Chemistry, Weinberg College of Arts and Sciences, Northwestern University  
2015 **Visiting Professor**, Université Pierre et Marie Curie (UMPC, now part of Sorbonne Universités), Paris  
2006 - 2015 - **Visiting scholar**, Northwestern University

**Awards and** 2019 Docteur Honoris Causa, Sorbonne Universités, Paris

- Recognitions** 2014 - American Alliance of Museums (AAM) media and technology Muse award, bronze prize for the interactive kiosk included in the exhibition “Renoir’s true Colors, Science Solves a Mystery” (February 12- April 27, 2014)  
 2006 - L'OREAL Art and Science of Color International Silver Prize for the project “Noble metal nanoparticles and a ray of laser light unlock the secrets of artists' red colorants”  
 2005 - Art Institute of Chicago Chairman’s Award for outstanding performance  
 2004 - Special Mention Italian Association of Archaeometry (AIAr) Prize “Salvatore Improta” for a young researcher in Archaeometry
- Conference Organization**
- Scientific Committee member, “Metal Soaps in Art”, Rijksmuseum, Amsterdam, March 14-15, 2016
  - Co-Chair of the 2014 Gordon Research Conference on Scientific Methods for Cultural Heritage Research; Vice-Chair of the first GRC in the field (August 2012)
  - Scientific committee member “ Synchrotron Radiation and Neutrons in Art and Archaeology (SR2A)” Conference, Chicago, September 6-8, 2016
  - Organizing Committee Member of the Technical Art History conferences supported through the A.W. Mellon Funded Chicago Object Study Initiative (“A New Lens on 19<sup>th</sup> century Art” , April 1,2 2016; “Modern Materialities”, Spring 2018)
  - Organizing committee member of the 2014 “Georaman” conference, in charge of the sessions devoted to art and archaeology
  - Organizer of the International Conference “From Can to Canvas: early uses of house paints by Picasso and his contemporaries in the first half of the 20<sup>th</sup> century” (Marseille and Antibes, May 25-27, 2011.)
  - Organizer NU/AIC joint symposia in conservation science (2004-present)
  - Scientific Committee member, Raman in Art and Archaeology Conference (bi-annual, 2005-2016)
  - Steering Committee member, NSF/A.W. Mellon Foundation co-sponsored workshop on “Chemistry and Materials at the interface of Art and Science” Arlington, VA, USA, July 6-7, 2009
- Synergistic Activities**
- Associate Editor, *Studies in Conservation* (since 2009)
  - Guest Editor in Chief, with Katrien Keune, Petria Noble, Annelies van Loon (Rijksmuseum), Ella Hendriks (University of Amsterdam), Silvia Centeno (Metropolitan Museum of Art, New York) and Gillian Osmond (Queensland Art Gallery) of the book “Metal Soaps in Art – Conservation & Research” Springer Nature (2018)
  - Guest Editor, with Maria Kokkori (AIC) and Joyce Tsai (University of Iowa Art Museum) of a special issue of the MIT press journal *Leonardo* focused on interdisciplinary studies on Moholy-Nagy (2017).
  - Guest Editor, with Michel Menu (C2RMF, Paris) of a Special issue of *Applied Physics A* on : “Paintings: analysis, conservation and interpretation” (2016)
  - Guest Editor in Chief (with associate guest editors Kimberley Muir and Anikó Bezur) of two special issues of the *Journal of the American Institute for Conservation* entitled “From can to canvas: early uses of house paint by Pablo Picasso and his contemporaries in the first half of the XX century” (2013)
  - Guest Editor with R.P. Van Duyne (NU) of a Web-themed issue for *Analyst* and *Analytical Methods* entitled “Molecular Analysis for art, archaeometry and conservation“(2013)
  - Member of PhD defense Committees: at the Universite’ Pierre et Marie Curie, Paris, France Candidate: Ms Celine Daher (Sept 12, 2012); University of Melbourne, School of Historical

and Philosophical Studies, PhD candidate, Ms. Paula Dredge, Thesis “ Sidney Nolan and paint. A study of an artist's use of commercial, ready-made paints in Australia 1938-1953” (September 2013); Northwestern University, PhD candidate Ms. Lauren F. Sturdy (April 8, 2016); Université Paris Sud 11, Paris –Saclay, France (“Rapporteur”, Candidate: Ms Tatiana Séverin-Fabiani) (May 4, 2016); University of Perugia, Italy , PhD candidate Ms Annalisa Chieli (December 2017); Northwestern University, PhD candidate Ms. Lindsey Oakley (September 1, 2017)

- Qualifying exam committee member, Northwestern University, McCormick School of Engineering and Applied Science, graduate student, Lauren Sturdy, Advisor, prof. Kenneth Shull (November 2013) ; graduate student, Lindsay Oakley, Advisor, prof. Linda Broadbelt (November 2014); graduate student Becca Harmon, Advisor, prof. Linda Broadbelt (January 2020)
- Advisor for master thesis students in Science for Conservation-Restoration of Cultural heritage (SCoRE, Prof. Rocco Mazzeo, Chair, University of Bologna at Ravenna, Italy)
- Since 2010 invited participant to several meetings of the Aspen Institute, Italy “Talenti Italiani all’Estero” and “Aspen Seminars for Leaders”
- Organizer, Teen summer workshop “The Art and Science of Color” 2012, with the Art Institute of Chicago’s Department of Museum Education
- Regular contributor to the Art Institute of Chicago blog
- Organizer “Art + Science” Museum Tour, Studio activity, professional development workshop classroom resources for K6-8 Art and Science teachers and their students with the Art Institute Department of Museum Education
- Consulted for the establishment of major Academic- Museum Conservation science initiatives (University of Texas at Dallas, establishment of the Yale Center for Preservation of Cultural heritage, San Francisco Bay Area Conservation science Initiative)
- Advisory Board , Shyne @ Northwestern University; Research Experience for Undergraduate program, University of Maryland, Baltimore County (Mellon funded, diversity in cultural heritage science initiative)
- Co-PI of the NSF project IRES: U.S.-Netherlands Forensic Research Collaboration in Cultural Heritage Science (2015-2019) a summer abroad program for undergraduate and graduate students in the sciences to work at conservation and research institutions in the Netherlands and PIRE, a \$4.2M NSF grant for international research and education entitled: PIRE: Computationally-Based Imaging of Structure in Materials (CuBISM) (2017-2021).
- Panelist and working-group co-leader in the area of Materials for preserving Cultural Heritage at the “International Conference on Materials Research and Education: Future Trends and Opportunities”, Doha, Qatar April 4-6, 2005

#### **Notable**

#### **Invited Lectures**

- 2014. Collège de France, Paris, France, (“Innovation technologique Liliane Bettencourt”)
- 2015 . Italian Embassy, Washington DC .
- 2017. IIC-Palace Museum 2017 Hong –Kong Symposium
- 2019. Honorary doctorate award lecture , Sorbonne Universités, Paris
- 2020. Carleton University's 2020 Discovery Lecture, Ottawa, CA

#### **Teaching**

- Several seminars and invited lectures at Chicago area Universities including Northwestern University, University of Chicago, De Paul University, Columbia College Chicago, The School of the Art Institute of Chicago, North Eastern University etc. Guest lecturer, Conservation Center, Institute of Fine Arts, New York University, and Bard Graduate Centre, New York. .
- Instructor, National Endowment for the Humanities (NEH)-funded accelerated archaeological conservation training program organized by the Oriental Institute of the University of Chicago for professionals from the cultural preservation organizations and Museum Antiquities departments of Iraq and Afghanistan (2007/2008)

- French – German summer school “NanoPhotonics in Nature and Art” Ile d’Oléron, France, September 7 – 14, 2009
- International summer school Hubert Curien on structural and molecular archaeology, held in Erice - Sicily: 14 - 21 June 2010. “3rd course on non-invasive analysis of painting materials”.

#### **Exhibitions**

- Curator of the focus exhibition “Renoir’s true Colors, Science Solves a Mystery” (The Art Institute of Chicago, February 12- April 27, 2014)
- Developed content and participated in the design of interactive displays for the exhibition “Van Gogh Bedrooms” (Feb 14–May 10, 2016, The Art Institute of Chicago)
- As the Director of Conservation and Science at the Art Institute of Chicago Casadio is responsible for assigning duties and supervising conservation work related to exhibitions (loans, couriers, condition reporting, environmental controls, compliance of exhibition designs with state of the art preservation standards, installation etc.)

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## MOST RELEVANT PUBLICATIONS

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Francesca Casadio is the author of over 90 peer-reviewed journal articles, papers in conference proceedings, several book chapters, museum catalogs and other publications (full list available on request):

1. F. Casadio, “Will Coronavirus Forever Change the Chemical Compositions of Artworks?”, Artnet News, May 8, 2020 (<https://www.artnews.com/art-news/news/coronavirus-artwork-chemical-compositions-art-conservation-1202686531/>)
2. Lobis, Victoria Sancho, Antoinette Owen, Francesca Casadio, and Emily Vokt Ziemba. 2019. *Rubens, Rembrandt, and drawing in the Golden Age* Chicago, IL : The Art Institute of Chicago, New Haven ; London : Yale University Press, 2019
3. Anikó Bezur and Francesca Casadio “Du Paquier Porcelain: Artistic Expression and Technological Mastery. A Scientific Evaluation of the Materials” in *Fired by Passion. Vienna Baroque Porcelain of Claudius Innocentius Du Paquier*, M. Chilton (Ed.) Arnoldsche 2009, pp.1164-1211
4. Casadio, Francesca, Aniko Bezur, Kelly Domoney, Katherine Eremin, Lynn Lee, Jennifer L. Mass, Andrew Shortland, and Nicholas Zumbulyadis. 2012. “X-Ray Fluorescence Applied to Overglaze Enamel Decoration on Eighteenth- and Nineteenth-Century Porcelain from Central Europe.” *Studies in Conservation* 57: 61–72
5. Francesca Casadio, Emily Fry, Sarah Molina, Giannella Ysasi-Tavano “Execute, Evaluate, Repeat: implementing an integrated Art + Science interpretation strategy at the Art Institute of Chicago “ICOM-CC Triennial Conference , Beijing, 2021
6. Broadway, M.E., Sutherland K., Biolcati, V., and Casadio F., *Mastery of Materials: Examining John Singer Sargent’s Watercolors at the Art Institute of Chicago*. In Madsen, Annelise K., Mary Broadway, and Richard Ormond. 2018. *John Singer Sargent and Chicago’s Gilded Age*. The Art Institute of Chicago (2018) 183-201
7. Johanna Salvant, Julie Barten, Francesca Casadio, Maria Kokkori, Federica Pozzi, Carol Stringari, Ken Sutherland and Marc Walton, “László Moholy-Nagy’s Painting Materials: From Substance to Light”. *Leonardo* 50, 3 (2017)
8. B. Berrie, F. Casadio, K. Dahm, Y. Strumfels, M. Tedeschi, J. Walsh “A vibrant surface: investigating colour, texture and transparency in Winslow Homer’s watercolours” in: “ Science and Art, the Painted Surface” Edited by Antonio Sgamellotti, Brunetto Giovanni Brunetti and Costanza Miliani, The Royal Society of Chemistry 2014, Chapter 19 pp. 402-426
9. Francesca Casadio and Jean-Louis Andral “Retour d’expérience: L’usage du Ripolin dans les peintures de la collection du Musée Picasso d’Antibes” Proceedings of the International Symposium “Revoir Picasso” Musée National Picasso Paris, March 25-28, 2015 (<http://revoirpicasso.fr/processus-creatifs/francesca-casadio-et-jean-louis-andral/>)
10. C. Kuniej Berry, F. Casadio, I. Fiedler, R. G. Mann, A. Sánchez-Lassa, J. L. Merino Gorospe “Multiplicity, authorship and chronology: an integrated evaluation of four images of Saint Francis by El Greco” in :

## In the Press and on the Web

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The work of Francesca Casadio has been featured on air, online and in print on a wide variety of media. Although a full list is outside of the scope of this documents the coverage includes (but isn't limited to): US National Public radio, The New York Times, The Chicago Tribune, Crain's Chicago Business, The Chicago Sun Times, The Art Newspaper, Los Angeles Times, The Financial Times, National Geographic, Chemical and Engineering News, The Huffington Post, Reuters online media, MSNBC, Tyler Green's artinfo, CBC radio Canada, Italy's il Corriere della sera, il Sole 24 ore, Vogue Italia, donna Moderna, Antiquariato, RAI, Science et vie, etc.

A selection of videos and podcasts is available following the links provided below:

- Renoir's True Colors, Science solves a mystery (<https://www.youtube.com/watch?v=t3lcMgWoKY4>)
- Under Cover: The Science of Van Gogh's Bedrooms (<https://www.youtube.com/watch?v=9SsUzalDsHo>)
- Revealing van Gogh's True Colors":a interview with Ira Flatow on npr's science Fridays, 3/4/2016 at 12:13 (<http://www.sciencefriday.com/segments/revealing-van-goghs-true-colors/>)
- RADIO: Interview of F. Casadio with Marco Werman, host of Public radio International, 3/10/2015 "Why are van Gogh's paintings slowly turning white?" (<http://www.pri.org/stories/2015-03-09/why-are-van-goghs-paintings-slowly-turning-white>)
- WBEZ 91.5, Chicago Public radio. Interviewed by Tony Sarabia during a segment on the program Eight Forty Eight on Art Fraud with FBI Special Agent Luigi Mondini from the Art Crimes Unit , April 27, 2012 (<http://www.wbez.org/blogs/bez/2012-04/people-who-decide-whether-its-really-picasso-or-pollack-and-people-who-investigate>) podcast on <http://www.wbez.org/blogs/bez/2012-04/eight-forty-eight-042712-98606>)
- 3/8/2018 Giornata della Donna. Bellezza e rigore nel lavoro di una scienziata dell'arte (International Women's day: Beauty and Rigor in the work of an Italian female scientist of art" ) TG2 20:30, on 08/03/2018 interview with TG2, Italian premiere national television channel <https://shar.es/1Lu6Z7>
- 6/11/2018 TG1 Economia, Italian National Television Report on how Artificial intelligence is changing the future of work, with a featured interview with F. Casadio on use of AI at the museum (minute 11:30) <http://www.tg1.rai.it/dl/RaiTV/programmi/media/ContentItem-44860043-c463-468f-85f4-9a89185ff242-tg1.html#p=0>

**Blog Postings** Francesca Casadio regularly contributes to blog postings on the AIC blog (blog. Artic.edu)

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| 6/27/2011  | Art Scene Investigation: We Show You Some of Our High-Tech Toys                    |
| 8/1/2011   | Art Scene Investigation: Picasso Goes Nanotech                                     |
| 3/9/2012   | Art Scene Investigation: The Art Detective Goes to Paris                           |
| 4/4/2012   | Art Scene Investigation: Copies as Originals, or a Strange Case of Double Vision   |
| 8/29/2012  | Art Scene Investigation: What's in the Dots?                                       |
| 5/2/2013   | Art Scene Investigation: From Can to Canvas  |
| 5/10/2013  | Art Scene Investigation: Testing the DNA of Sculptures                             |
| 12/20/2013 | Art Scene Investigation: See what's cooking behind the scenes at the Art Institute |
| 10/24/2014 | Art Scene Investigation: Why are you Angry?  |
| 4/23/2019  | Inside an Exhibition: Making a murderous Drinking Fountain                         |
| 5/5/2020   | Watch This: Art and Artists on the Silver Screen                                   |

**Professional Organizations** The American Institute for Conservation of Historic and Artistic Works (2004 -)  
The International Institute for Conservation (since 2004, elected to Fellow in 2018)  
The International Council of Museums (2007- )  
The Materials Research Society (2004 - 2009)  
The American Chemical Society (2009-2015)  
College Art Association (2016-)

**Reviewer for Journals** Studies in Conservation (Editor since 2009)  
Journal of the American Institute for Conservation  
Nature Materials  
Analyst  
Journal of Raman Spectroscopy  
Analytical and Bioanalytical Chemistry  
Applied Physics A  
European Journal of Mineralogy  
Journal of Materials Engineering and Performance  
Journal of Physical Chemistry  
Science in China Series E-Technological Sciences  
Spectroscopy Letters  
Spectrochimica Acta, Part A  
Angewandte Chemie  
Nature Materials

**for Granting Agencies and Institutions** Reviewer, Alfred P. Sloan Foundation, New York (2005)  
Reviewer, Jeffress Memorial Trust (2011)  
Reviewer, FWO (Research Foundation Flanders) (2011, 2013, 2016, 2017)  
Reviewer, Ghent University, Research Council (2012)  
University of California Los Angeles (UCLA), review of candidate for tenured Associate Professorship in Materials Science (2008) and Faculty promotion (2014)  
Museum Conservation Institute (Smithsonian) reviewer of promotion packet for staff research scientist (2017)  
Reviewer, Stanford Synchrotron Radiation Lightsource (SSRL; 2014)  
Reviewer, Interdisciplinary research project, Sorbonne University in Paris, France (2014)  
Panelist at NSF Panel on IU CRC Forensics (Shashank Priya) (2014) P150409  
Panelist, Netherlands Institute for Conservation Art and Science, Nicas (2015, 2017)  
Reviewer, NSF CAREER grant (2018)  
Reviewer, National Endowment for the Humanities (2019)  
Reviewer, NSF Chemical Measurement and Imaging Program (2020)  
Reviewer- Belgian Science Policy Office (BELSPO) BRAIN-be 2.0 research programme (Belgian Research Action through Interdisciplinary Networks) (2020)

**Grants** 2003 - Acquisition of a FTIR Microscope; Barker Welfare Foundation. Amount awarded: \$100,000

2004 - Acquisition of an XRF spectrometer; The Community Associates of the Art Institute of Chicago. Amount awarded \$40,000

2004 - The Art Institute of Chicago/Northwestern University Pilot Program in Conservation science; The Andrew W. Mellon Foundation. Amount awarded: \$50,000



2005 - The Art Institute of Chicago/Northwestern University Three-Year Collaborative Program in Conservation Science; The Andrew W. Mellon Foundation. Amount awarded: \$500,000

2005 - Acquisition of a GC/MS; Barker Welfare Foundation. Amount awarded: \$100,000

2006 - Acquisition of a hand-held XRF spectrometer; Private Donor. Amount awarded \$49,500

2006 - Foreign travel grant, National Science Foundation, Division of Chemistry, supplement to grant CHE-0618162. Amount awarded \$2,980

2006 – Kress Fellowship for Advanced Training of Conservators. Amount awarded: \$30,000; Kress fellow: Kim M. Muir

2007 - MRI: Acquisition of an FT-Raman Spectrometer for Interdisciplinary Art Materials Research and Education, National Science Foundation, grant DMR-0723053, Amount awarded: \$209,260

2008- Acquisition of a Pyrolizer and accessory for Solid Phase Micro-Extraction (SPME), Barker Welfare Foundation. Amount awarded: \$40,000

2009 – To endow the position of Associate Conservation Scientist and to support essential elements of the AIC/NU collaboration; The Andrew W. Mellon Foundation. Amount awarded: \$2,000,000

2010 – Surface –enhanced Raman Spectroscopy for Art Research, with Theory and Education, National Science Foundation, grant CHE-1041812 (2010-2013), with Professors Richard P. Van Duyne and George Schatz (NU). Amount awarded \$270,000

2010 – Support for the maintenance and purchase of scientific instrumentation (2010-2018). The Grainger Foundation. Amount awarded \$1,000,000

2010 - To support a program of Survey, Analysis and Conservation of Picasso's Ripolin Paintings, The Stockman Family Foundation Trust. Amount awarded \$171,000

2012 – Collaborative Research: Modern Oil-based Paints: A Mechanistic Approach to Assessing and Modeling their Curing, Aging and Cleaning, National Science Foundation, grant DMR-1241667 (2012-2015), with Professors Kenneth R. Shull, Katherine T. Faber, Linda J. Broadbelt (NU) and Kimberley Muir (AIC). Amount awarded \$405,000 (NU), \$42,268 (AIC)

2012- To support the Northwestern University / Art Institute of Chicago Centre for Scientific Studies in the Arts (2013-2019). Amount awarded \$2,500,000 (NU)

2014 – NSF DMR 1446140 (\$7,000) and Kress Foundation (\$5,000) to support the 2012 Scientific Methods in Cultural Heritage Research Gordon Research Conference; Mount Snow Resort, VT; July 29 to August 1, 2013, 2012

2014 – to support a research fellowship to study Paul Gauguin's oeuvre on paper (Rothman Family Foundation). Amount Awarded \$60,000.

2015 – IRES: US- Dutch Research Collaboration in Cultural Heritage science; National Science Foundation, Office of International science and Engineering; PI : M. Walton (NU-ACCESS), Co-PI F. Casadio and Prof. K. Shull (Northwestern University) (2014-2017). OIA 1460143 Amount awarded \$247,034.

2015 – to support the project “Materiality and the Bauhaus: Exploring the History, Formulation, Conservation and Use of New Materials Used by Avant-Garde Artists”, (2015-2018) The Stockman Family Foundation Trust. Amount awarded \$200,000

2016- to support the Department of Conservation and Science, The Grainger Foundation. Amount Awarded \$10,000,000.

2017 – to support “Advancing Leadership in Conservation – A Workshop and Focus Group” at the 45th Annual Meeting of the American Institute for Conservation of Historic and Artistic Works ( Monday, May 29, 2017). The Kress Foundation. Amount Awarded \$5,000

2017 – PIRE: Computationally-Based Imaging of Structure in Materials (CuBISM). PI Ken Shull (NU) Co-PIs F. Casadio (AIC); O. Cossairt (NU); A. Katsaggelos (NU) ; M.Walton (NU) NSF- OISE. \$4,246,240

2017 – NEH- Research and Development Grant “Metal Soap Protrusions on Georgia O’Keeffe’s Paintings: Establishing a New Quantitative Imaging Paradigm for Linking Scientific Research and Preservation” ; PI M. Walton (NU-ACCESS), co-PIs A. Katsaggelos, O. Cossairt (Northwestern University), F. Casadio (AIC).Amount Awarded \$349,988

2017 – to support Time Based Media Conservation at the Art Institute of Chicago, The Andrew W. Mellon Foundation. PIs Francesca Casadio, Ann Goldstein, Sarah Guernsey. Amount Awarded \$400,000

2018 – Bank of America Conservation Grant to support research and cleaning of El Greco’s The Assumption of the Virgin 1577-79, \$175,000

2018 - to support the Northwestern University-Art Institute of Chicago Center for Scientific Studies in the Arts (NU-ACCESS): \$1,000,000 as permanent endowment, to be matched two-to-one within approximately four years, to support the position of co-director; and \$2,500,000 in spendable funds, for use over approximately five years, to support the center.

2018 - to support the Department of Conservation and Science, The Grainger Foundation. Amount Awarded \$20,000,000.

**Languages** Italian (mother tongue); English (fluent); French (good)