Dr. Emily Pugh
orcid.org/0000-0001-6928-7888

Emily Pugh's current research and teaching focus on architectural and the media of its representation, including photography, film, and physical models; the role of computation and technologies of design on the history of architecture; and on the digital media of art history and its related infrastructures, which encompasses the digitization of physical materials, 3D scanning, computer vision, as well as collections metadata and its related workflows and processes.

Professional Experience

2022/10 – 2023/02	**Rudolf Arnheim Guest Professor** Institute für Kunstgeschichte und Bildwissenschaft Humboldt University, Berlin
Since 2014/09	**Principal Research Specialist for Digital Art History** Getty Research Institute, Los Angeles

- As the first person in this position, I design, plan, and lead all or parts of the GRI's Digital Art History projects, that is projects that address topics wherein questions of technology intersect with those of research and scholarship.
- Provide GRI staff with technical support and guidance for their research and special projects, including conceptualizing and writing proposals for scholarly research projects that employ computational methodologies and digital publications;
- Collaborate with GRI curators, librarians, and researchers to design applications that meet their scholarly goals, and articulate their needs to the Getty's technical staff, including semantic and software engineers, data specialists and other information professionals.
- Manage a staff of up to five members, which has included project managers, a research assistant, metadata and research data specialists; manage budgets (departmental and project) of up to $3.8 million
- Host visitors from national and international institutions, including the Academia Sinica (Taiwan), the São Paulo Biennial and documenta archives, the Staatlichen Museen in Berlin, the Berlin senate (delegation on artificial intelligence and labor).

2010/09 – 2014/09	**Robert H. Smith Postdoctoral Research Associate** The Center for Advanced Study in the Visual Arts National Gallery of Art, Washington DC – As the first person in this position, provided CASVA deans with technical support and guidance for their computer-based research and scholarly projects: creating prototypes, drafting project proposals, working on teams with technologists to define technical specs, including functionality requirements, for platforms and applications.
2008/08 – 2009/06/	**Visiting Assistant Professor, Department of Art History** Bard College, Annadale, New York
2001/09 – 2015/09	**Publication Developer (2011–2015),** **Digital Humanities Research and Publication Initiative and Site** **Designer and Administrator (2001–2013)** *Nineteenth-Century Art Worldwide*

Additional Teaching Experience

	<u>Two-Week Summer Program:</u> Designed **"The Art Historical Image in the Digital Age,"** a course which I have taught three times:
Summer 2023	Hosted by the **Kunsthistorisches Institut, Florence**, with visits to photo archives in Florence and Rome
Summer 2017, Summer 2019	Hosted by **American Academy in Rome**, with visits to photo archives in Rome
	<u>University Teaching:</u>
Spring 2012	**Adjunct Assistant Professor** University of Maryland; College Park, Maryland School of Architecture, Planning and Preservation
Autumn 2009,	**Adjunct Assistant Professor** Pratt Institute; Brooklyn, New York History of Art and Design Department
Autumn 2009, Autumn 2008	**Adjunct Assistant Professor** Parsons The New School for Design; New York, NY School of Art and Design History and Theory

Spring 2009	**Adjunct Assistant Professor** City College (CUNY); New York, New York The Bernard and Anne Spitzer School of Architecture
2001 – 2008	**Adjunct positions at New York University, Hunter College, Pratt Institute**

Curatorial Experience

2023	*Sculpting Harmony* *How Frank Gehry and his team designed a monument to music – the story of the Walt Disney Concert Hall* Online exhibition, https://gehry.getty.edu/
8 November 2018 – 10 February 2019	*Frank Gehry—Hans Scharoun: Strong Resonances* Max-Liebermann-Haus, Berlin Co-curated with Maristella Casciato, Senior Curator and Head of Architectural Collections, GRI
25 April – 30 July 2017	*Berlin/LA: Space for Music* Getty Research Institute, Los Angeles Co-curated with Maristella Casciato, Senior Curator and Head of Architectural Collections, GRI

Education

2000/02 – 2008/05	**Ph.D. in Art History at the Graduate Center of the City University of New York** Advisors: Prof. Dr. Kevin Murphy, Vanderbilt University, Tennessee Prof. Dr. Rosemarie Haag-Bletter, CUNY Graduate Center Prof. Dr. Paul Jaskot, Duke University Dissertation: "The Urban Space and Experience of East and West Berlin, 1961–1989"
1994/08 – 1998/05	**BA in Art History with honors, DePaul University; Chicago, Illinois**

Grants/Fellowships/Awards

2022 – 2023	Funding for Research and Scholarship Rudolf Arnheim Guest Professorship, Humboldt University, Berlin

2019	Visiting Fellow, Centre for Architecture Theory Criticism History, School of Architecture, University of Queensland; project: "The Architectural Image in the Digital Age: Understanding Buildings in 3D" ($8000 AUD)
2019	Visiting Researcher, Center for Digital Humanities Research, Research School of Humanities and the Arts, Australian National University
2018	Selected Participant for "Digital Publication of Architectural History" workshop sponsored by the European Architectural History Network
2012	Foundation for Landscape Studies, David R. Coffin Publication Grant, for Architecture, Politics, and Identity in Divided Berlin
Summer 2010	Central European History Society, Summer Research Grant
Spring 2010	Getty Research Institute, Library Research Grant
Summer 2009	Selected for the DEFA (East German) Summer Film Institute; University of Massachusetts, Amherst
2007 – 2008	CUNY Graduate Center, Mario Capelloni Dissertation Fellowship
2007	CUNY Graduate Center, PhD Program in Art History, Kristie Jayne Fellowship
2006 – 2007	Fulbright/IIE U.S. University Student Grant, Berlin Germany

Funding for Projects and Convenings

2023 – 2024	Kress Foundation Digital Art History Grant, for "The Art Historical Image in the Digital Age" summer seminar, co-Principal Investigator with Dr. David Ogawa, Union College ($25,000)
2019 – 2020	Terra Foundation Academic Events Grant, "Ed Ruscha's Streets of Los Angeles" digital publication workshop, co-Principal Investigator with Zanna Gilbert and Andrew Perchuk ($25,000)
Since 2015	J. P. Getty Trust, Major Acquisition and Special Initiative Fund granted to GRI for "PhotoTech: Exploring Large Collections with Computer Vision," co-Principal Investigator with Lily Pregill, 2015–2018 ($3,893,783)
2015	Samuel H. Kress Foundation, Digital Art History Grant awarded to *Nineteenth-Century Art Worldwide* for symposium and workshop related to digital art history publishing, co-Principal Investigator with Petra Chu and Elizabeth Buhe ($5,000)

2014 – 2018	J. P. Getty Trust, Major Acquisition and Special Initiative Fund granted to GRI for "Provenance Index Remodel Project," Principal Investigator from 2014–2018 ($1,045,600)

Professional Service

	Manuscript and publication proposal reviewer, MIT Press, SAH Archipedia, Routledge, University of Pittsburgh Press, *Journal of Contemporary European Studies*, *Journal of the Society of Architectural Historians, Antipode, Architectural Histories*
	External committee member for doctoral thesis at the CUNY Graduate Center
2021 – 2024	Multimedia Reviews Editor, *Journal of the Society of Architectural Historians*
2021 – 2024	Advisory Board Member, Center of Virtual Material Studies, Department of Art History, Penn State University
2021 – 2024	Advisory Board Member, "Sunset Over Sunset: Exploring the Street-Level View of Postwar Urban Redevelopment Using Ed Ruscha's Los Angeles Photography," Digital Humanities Project and NEH Grant Awardee (Principal Investigators, Francesca Russello Ammon, Brian D. Goldstein, Garrett Dash Nelson)
2016 – 2024	Advisory Board, SAH Archipedia, Society of Architectural Historians
2017 – 2022	Member, Executive Steering Committee; Chair, User Research Working Group, Pharos consortium, http://www.pharosartresearch.org
2024, 2020, 2015	Grant Review Panelist, National Endowment for the Humanities, Office of Digital Humanities
2020–2022	Member, Use and Access Group, "Building for Tomorrow: Collaborative Development of Sustainable Infrastructure for Architectural and Design Documentation" (https://projects.iq.harvard.edu/buildingtomorrow; Principal Investigator: Ann Whiteside)
2016–2019	Co-founder and member, Consortium of Online Art History Journals, CAA-affiliated group

Recent and Upcoming Presentations

2024	Comité International d'Histoire de l'Art Congress; Lyon, France Panel co-chair: "Virtual/Material: What Matters in Art History?" (co-chair with Elizabeth Mansfield, Penn State University and Hélène Dubois, Royal Institute for Cultural Heritage, Brussels)
2024	2024 Fantastic Futures (conference on AI in cultural heritage); Canberra, Australia Paper: "AI-Generated Metadata and the Culture of Image Search"
2022	European Architectural History Network; Athens, Greece Position paper: "Digital Design Data in the Contemporary Architectural Archive" Roundtable: "Data Narratives of Architectural Modernity"
2023	Society of Architectural Historians Annual Conference; virtual Paper: "Frank Gehry, CATIA, and the Walt Disney Concert Hall" Panel: Implicit Choices and Appropriations. Architectural Software Histories
2021	Society of Architectural Historians Annual Conference; Montreal, Canada Panel Chair: "'What is the New Architectural Archive" (co-chair, Ann Baird Whiteside, Librarian and Assistant Dean for Information Services, Harvard University Graduate School of Design)
November 1–2, 2019	Clark Art Institute Colloquium, November 1–2, 2019 Co-organizer: "Virtual/Material: What Matters in Art History," with Elizabeth Mansfield (Head, Department of Art History, Penn State University)
2018	European Architectural History Network Conference; Tallinn, Estonia Paper: "Designs on TV: Aline Saarinen and Public Reception of Architecture in the Postwar US" Panel: Mediating Architecture and its Audiences: The Architectural Critic

Invited Lectures and Presentations

With David Ogawa, Tracy Stuber, and Alex Supartono, "Computer Vision and the Figure in Nineteenth-Century Photography," NEH-funded symposium on "Computer Vision and Art History Today," Barnes Foundation, Philadelphia, June 14–15, 2024

With Paul Jaskot and Hubertus Kohle, interviewed for *In the Foreground: Conversations on Art & Writing* podcast, Season 4, Clark Art Institute, Research and Academic Program (spring 2022), https://www.clarkart.edu/research-academic/podcast/season-4/in-the-foreground

"Digital Imaging as Disciplinary Practice: Photography and Art History," Frank Davis Memorial Lecture Series on Art History Futures: At the Junction of the Digital and Material Turns, Courtauld Institute of Art, October 19, 2021, https://www.youtube.com/watch?v=NH_Yl_l70as

"Art History Now: Map and Territory, Image and Object," Map IT Series lecture, Emory University, Atlanta, GA, January 30, 2020

"When Archives Become Form: Collections, Information, and Access," What Do Museums Collect?; symposium sponsored by the Museum of Modern and Contemporary Art, Seoul, South Korea, November 2018

"The Politics of Architecture in East Germany," presentation at University of California Berkeley, Berkeley, CA; University of Chicago, Chicago, IL supported by the University of Pittsburgh Press through the Mellon Foundation Slavic Studies Initiative, 2015 and 2016

"Art History Online: *Nineteenth-Century Art Worldwide*'s Digital Research and Publishing Initiative," Archives of American Art, Washington DC; American Art History and Digital Scholarship: New Avenues of Exploration, November 2013

Publications

BOOKS

Co-editor, with Zanna Gilbert and Andrew Perchuk. *Ed Ruscha's Streets of Los Angeles: Artist, Image, Archive, City*. Los Angeles: Getty Publications (digital publication using the Quire platform, https://quire.getty.edu/; forthcoming, 2025).

Architecture, Politics, and Identity in Divided Berlin. Pittsburgh, PA: University of Pittsburgh Press, 2014.

PEER-REVIEWED ARTICLES (** double blind)

Art and Architectural History:
"Art and Archives in the Information Age." In *Ed Ruscha's Streets of Los Angeles: Artist, Image, Archive, City*. Los Angeles: Getty Publications (forthcoming, 2025).**

"Graffiti and the Critical Power of Urban Space: Gordon Matta-Clark's *Made in America* and Keith Haring's Berlin Wall Mural." In The Art/History of Resistance. Special issue of *Space & Culture*, vol 18, no 4 (November 2015), https://doi.org/10.1177/1206331215616094.**

"'From 'National Style' to 'Rationalized Construction': Mass-Produced Housing, Style, and Discourse in the East German Journal *Deutsche Architektur*, 1956–1964*," Journal of the Society of Architectural Historians* 74, no 1 (March 2015), https://doi.org/10.1525/jsah.2015.74.1.87.**

Digital Art History:
Co-authored with Tracy Stuber, "Photography as Machine Vision: The Role of Imaging Technologies in Art History." In "The Politics and Practices of Computational Seeing," edited by Martin Hand and Ashley Scarlett. Special issue of *photographies* 16, no 2 (May 2023), https://doi.org/10.1080/17540763.2023.2189286.**

"Digital Art History as Disciplinary Practice." In *Debates in the Digital Humanities 2023*, eds. Matthew K. Gold and Lauren Klein, pp 217–37. Minnesota: University of Minnesota Press, 2023, http://bit.ly/ddh2023_14.

"Art History Now: Institutional Change and Scholarly Practice." *International Journal of Digital Art History* 4 (November 2020): 3.47–3.59, https://doi.org/10.11588/dah.2019.4.63448.**

EXHIBITION CATALOGUES

"Beyond the Berlin Myth: The Global, the Local and IBA 87." In the English and German editions of *Anything Goes? Berlin Architecture in the 1980s*, edited by Ursula Müller and Thomas Köhler (Berlin: Berlinische Galerie, 2021), exhibition catalogue.
[Reprint of "Beyond the Berlin Myth: The Global, the Local and IBA 87." In *Berlin, Divided City*, edited by Philip Broadbent and Sabine Hake, pp 156-167. New York: Berghahn Books, 2010.]

With Maristella Casciato and Emily Pugh, "The Model, Object à Réaction Poétique." In *Thomas Demand: House of Card*. Edited by Valerie Verhack (Leuven: M Leuven, 2020), exhibition catalogue.

"Hans Scharouns funktionaler Expressionismus" (German), "Hans Scharoun's Functional Expressionism" (English). In *Frank Gehry--Hans Scharoun: Strong Resonances*. Edited by Barbara Nierhoff-Wielk und Evelyn Wöldicke (Berlin: Hirmer Verlag, 2018), exhibition catalogue.

OTHER ARTICLES

"Computer Vision in the Archives." In "Art History after Computer Vision," edited by Elizabeth Mansfield. *The Art Bulletin* 103:2 (June 2024), https://doi.org/10.1080/00043079.2024.2296271.

"In the Shadow of Expressionism: Erich Mendelsohn's Postwar Reception in the United States." *Positioning: Erich Mendelsohn and the Built Heritage of the 20th Century* (ICOMOS – Hefte des Deutschen Nationalkomitees LXXXII), Aachen: Geymüller Verlag 2024, pp. 113-119.

"Prestige TV: Television cemented the idea that architecture was both a rarefied art and key to the good life," *The Architect's Newspaper*, June 14, 2021, https://bit.ly/AN_television

"The Humboldt Forum in Berlin is finally open, but it fails to inspire," *The Architect's Newspaper*, April 5, 2021, http://bit.ly/AN_humboldt-forum.

Co-authored with Megan Sallabedra, "Ed Ruscha, Streets of Los Angeles project: developing collaborations to support digital art history," *Art Libraries Journal* 46:2 (April 2021). https://doi.org/10.1017/alj.2021.4.

"Before ArchDaily and Dezeen, There Was Aline Saarinen." *Failed Architecture*, July 3, 2020, http://bit.ly/FA_aline-saarinen.

Co-authored with Costanza Caraffa, Tracy Stuber, and Louisa Wood Ruby. "PHAROS: A Digital Research Space for Photo Archives." *Art Libraries Journal* 45, no. 1 (January 2020): 2–11. https://doi.org/10.1017/alj.2019.34.

"When Archives Become Form: Collections, Information, and Access." In *What Do Museums Collect?* Edited by Sunhee Jang, pp. 177–190. Seoul, Korea: Museum of Modern and Contemporary Art, 2019.

Co-authored with Petra Chu and Elizabeth Buhe, "*Nineteenth-Century Art Worldwide*'s "Digital Humanities and Art History": Reflections on Our First Articles," *Nineteenth-Century Art Worldwide* 15, no. 1 (Spring 2016), https://bit.ly/pugh_ncaw-digital-publishing.

"'You Are Now Entering Occupied Berlin': Architecture and Rehab-Squatting in West Berlin." *Centropa* vol 14, no 2 (May 2015).

Therese O'Malley and Kathryn R. Barush (primary authors), with Emily Pugh, Jessica Ruse, and Courtney Tompkins. "'In the Park': Lewis Miller's Chronicle of American Landscape at Mid-Century." *Nineteenth-Century Art Worldwide* 12, no 2 (2013), https://bit.ly/ncaw_o-malley-barush.

BOOK REVIEWS (selected)

"Urban Space and Image Politics: *Berlin Calling: A Story of Anarchy, Music, the Wall, and the Birth of the New Berlin* by Paul Hockenos; *The City as Subject: Public Art and Urban Discourse in Berlin* by Carolyn S. Loeb; *Free Berlin: Art, Urban Politics, and Everyday Life* by Briana J. Smith." *Journal of Urban History* (forthcoming)

"*Distant Viewing: Computational Exploration of Digital Images* by Taylor Arnold and Lauren Tilton; *Picture-work: How Libraries, Museums, and Stock Agencies Launched a New Image Economy* by Diane Kamin." *The Art Bulletin* 103:3 (December 2024).

"MIT Press, Open Architecture and Urban Studies" (Multimedia Review), *Journal of the Society of Architectural Historians* vol 80, no 4 (December 2021), https://doi.org/10.1525/jsah.2021.80.4.499.

"*Architecture on the Borderline: Boundary Politics and Built Space*, Edited by Anoma Pieris," *Journal of the Society of Architectural Historians* vol 79, no 4 (December 2020), https://doi.org/10.1525/jsah.2020.79.4.488.

"*Designing for Socialist Need: Industrial Design Practice in the German Democratic Republic* by Katharina Pfützner," *Journal of Design History* 32:2 (May 2019), 213–214, https://doi.org/10.1093/jdh/epz020.

"*Counterpreservation: Architectural Decay in Berlin since 1989* by Daniela Sandler." *sehepunkt* 17:9 (September 15, 2017). http://www.sehepunkte.de/2017/09/30162.html.

Timothy O. Benson, ed. Expressionism in Germany and France: From Van Gogh to Kandinsky. *CAA Reviews* (May 14, 2015). https://10.3202/caa.reviews.2015.56.