DEENA ENGEL
Clinical Professor Emerita, Department of Computer Science
Courant Institute of Mathematical Sciences, New York University
Tel. (646) 263-0196 **Email:** deena.engel@nyu.edu **Web** http://cs.nyu.edu/~deena/

EMPLOYMENT

NYU DEPT OF COMPUTER SCIENCE:	Clinical Professor Emerita, September 2020 - Present
	Clinical Professor, September 2013 – August, 2020
	Director, Program in Digital Humanities and Social Science – October 2016 - August 2019
	Associate Director of Undergraduate Studies for the CS Minors Minors Programs – September 2011 – August 2017
	Clinical Associate Professor, September 2008 – August 2013
	Clinical Assistant Professor, January 2003 – August 2008
	Adjunct Instructor, September, 1997 – December, 2002
NYU COURANT INSTITUTE	Systems Administrator. June 2000 – January 2003
GE CAPITAL (FGIC)	Consultant. June 1996 – May 2000
CHEMICAL/CHASE BANK	Technology Officer. September 1995 – June 1996
	Consultant. June 1996 – August 1996
SOTHEBY'S, INC.	Senior Manager/Project Manager. December 1992 - September 1995
	Senior Systems Analyst/Programmer. December 1990 - December 1992
	Consultant/Programmer. November 1989 - December 1990

TEACHING

Courses taught:

CSCI-UA.2	Introduction to Programming
CSCI-UA.4	Introduction to Web Design
CSCI-UA.60	Database Design and Web Implementation
CSCI-UA.61	Web Development and Programming
CSCI-UA.380	Special Topics: Computing in the Humanities and the Arts
CSCI-GA.1121	Working with Data
ENGL-GA.2957	Topics in Literary Theory: Literary Archives and Web Development
ENGL-GA.2971	Practicum in Digital Humanities – Textual Artifacts and their Digital Representations: Creating an Online Archive (with Prof. Marion Thain, English)
ENGL-GA.1972	Practicum in Digital Humanities – Introduction to Programming: Python for Humanists (with Prof. David Hoover, English)
SCHOL.UA-10	Presidential Scholars

Courses created:

CSCI-UA.60	Database Design and Web Implementation
CSCI-UA.380	Special Topics: Computing in the Humanities and the Arts
CSCI-GA.1121	Working with Data
ARTH-UA.850.001	Digital Tools for Art History (with Prof. Pepe Karmel, Department of Art History)
ENGL-GA.2957	Topics in Literary Theory: Literary Archives and Web Development
ENGL-GA.2971	Practicum in Digital Humanities – Textual Artifacts and their Digital Representations: Creating an Online Archive (with Prof. Marion Thain, English)
ENGL-GA.1972	Practicum in Digital Humanities – Introduction to Programming: Python for Humanists (with Prof. David Hoover, English)

Independent study students supervised:
Development of a Content Management Systems for Contemporary Art, *Artist Archives Initiative*, 2016 - present
Research on the Conservation of Software-Based Art, Whitney Museum of American Art, 2019 - 2020
Research on the Conservation of Software-Based Art, Dia Foundation, 2019 - 2020
Research on the Conservation of Software-Based Art, Guggenheim Museum: 2014 – 2020
Research on the Conservation of Software-Based Art, Museum of Modern Art: 2011-2014

OTHER EDUCATIONAL ACTIVITIES

Responsibilities for the Undergraduate Computer Science Programs included interviewing and mentoring adjuncts who teach in the Computer Science Web Development minor and other undergraduate program courses.

Responsibilities as Director of the Program in Digital Humanities and Social Science included all administrative aspects (supervise the web site, marketing, outreach and coordination with other departments at NYU, admissions and committee chair) as well as curriculum development, student advising, and mentoring instructors.

Responsibilities as Associate Director of Undergraduate Studies for the CS Minors Programs included collaboration with the Director of Undergraduate Studies; advising students; and coordinating syllabi, course materials, and resources across the Computer Science Minors programs.

Co-directed the Computer Science department undergraduate TEE (Technology Enabled Education) initiative with Prof. Craig Kapp; six pilot sections in AY 2014-5; full implementation began in AY 2015-6 and continues through the present.

EDUCATION

- **Bard Graduate Center**
  o PhD Candidate, September 2020 - present
- **New York University: Courant Institute of Mathematical Sciences**
  o M.S., 1999, Computer Science
- **State University of New York at Binghamton**
  o M.A., 1980, Comparative Literature
- **Jackson College of Tufts University**
  o B.A., *magna cum laude,* 1978 in French and German

TEACHING AWARDS

- **Teach/Tech Award**, College of Arts and Science, New York University; May, 2016 with Prof. Craig Kapp

- **Samuel L. Marateck Prize for Outstanding Teaching in Computer Science**. Department of Computer Science, Courant Institute. Spring, 2014

- **Golden Dozen Teaching Award**, College of Arts and Science, New York University; May, 2006

- **Outstanding Teacher Award**, College of Arts & Science, New York University; May, 2001

PUBLICATIONS: Book

- Engel, Deena, and Joanna Phillips, eds. *Conservation of Time-Based Media Art*. London, U.K.: Routledge, *forthcoming* (2022). ISBN 978-0-367-46042-6

PUBLICATIONS: Papers and Book Chapters

- Clausen, Barbara, Glenn Wharton, and Deena Engel. "Capturing Narrative and Data in Performance Art: The Joan Jonas Knowledge Base." In *Re-Constructing Performance Art: Processes and Practices of Historicisation, Documentation, and Representation (1960s-1970s)*, edited by Gusman Tancredi. London, U.K.: Routledge, forthcoming.

- Augst, Tom, and Deena Engel. "Project-Based Learning for Graduate Students in Digital Humanities." *Qeios*, May 11, 2022. https://doi.org/10.32388/4W5TXN .

- *Applying Conservation Ethics to the Examination and Treatment of Software- and Computer-Based Art* by Deena Engel and Joanna Phillips (Solomon R. Guggenheim Museum) - Journal of the American Institute for Conservation, Vol. 58, issue 3, pp. 180-195 (August, 2019). doi:10.1080/01971360.2019.1598124. https://www.tandfonline.com/doi/abs/10.1080/01971360.2019.1598124?journalCode=yjac20

- Engel, Deena, and Joanna Phillips. "Introducing 'Code Resituation': Applying the Concept of Minimal Intervention to the Conservation Treatment of Software-Based Art." *The Electronic Media Review* Volume Five: 2017-2018 (2018): 22. https://resources.culturalheritage.org/emg-review/volume-5-2017-2018/engel-2/ .

- *Reconstructing Brandon (1998-1999): A Cross-disciplinary Digital Humanities Study of Shu Lea Cheang's Early Web Artwork* by Deena Engel, Lauren Hinkson (Solomon R. Guggenheim Museum), Joanna Phillips (Solomon R. Guggenheim Museum) and Marion Thain (New York University). Digital Humanities Quarterly Vol. 12, No. 2 (2018) http://www.digitalhumanities.org/dhq/vol/12/2/000379/000379.html

- *Managing Contemporary Art Documentation in Museums and Special Collections* by Engel, Deena and Glenn Wharton. Vol. 36, no. 2 (Fall 2017), pages 293-311. http://www.journals.uchicago.edu/doi/abs/10.1086/694245

- *The Artist Archives Project – David Wojnarowicz* by Wharton, Glenn, Deena Engel, & Marvin J. Taylor. 2016. Studies in Conservation. London: International Institute for Conservation. Vol. 61. S2-241-247. http://www.tandfonline.com/doi/abs/10.1080/00393630.2016.1181350

- Hellar, Mark, and Deena Engel. "Computational Provenance and Computational Reproducibility: What Can We Learn about the Conservation of Software Art from Current Re- Search in the Sciences?" *The Electronic Media Review* Volume Four: 2015-2016 (2016). https://resources.culturalheritage.org/emg-review/volume-4-2015-2016/engel-hellar/ .

- *Source Code Analysis as Technical Art History* Journal of the American Institute of Conservation (JAIC) by Deena Engel and Glenn Wharton, Journal of the American Institute for Conservation 2015; 54(2), 91-101. DOI: 10.1179/1945233015Y.0000000004 https://www.tandfonline.com/doi/abs/10.1179/1945233015Y.0000000004

- *Textual Artifacts and their Digital Representations: Teaching Graduate Students to Build An Online Archive* Digital Humanities Quarterly (DHQ) by Deena Engel and Marion Thain, 2015: Volume 5, Number 1 (http://www.digitalhumanities.org/dhq/vol/9/1/000199/000199.htm)

- *Reading between the lines: Source code documentation as a conservation strategy for software-based art* Studies in Conservation by Deena Engel and Glenn Wharton, 2014 https://www.tandfonline.com/doi/abs/10.1179/2047058413Y.0000000115

- Wharton, Glenn, and Deena Engel. "Museum And University Collaboration In Media Conservation Research." *The Electronic Media Review* Volume Three: 2013-2014 (2015). https://resources.culturalheritage.org/emg-review/volume-three-2013-2014/wharton/ .

- Bunde, Janet, Deena Engel, and Paula Feid. "New York University: Computing in the Humanities@ NYU Libraries." In *Past or Portal? Enhancing Undergraduate Learning through Special Collections and Archives*, edited by Eleanor Mitchell, Peggy Anne Seiden, and Suzy Taraba, 119–24. Chicago, Illinois: Association of College & Research Libraries (ACRL), 2012. https://www.alastore.ala.org/content/past-or-portal-enhancing-undergraduate-learning-through-special-collections-and-archives .

- *Computing in the Humanities: An Interdisciplinary Partnership in Undergraduate Education* by Janet Bunde and Deena Engel: Journal of Archival Organization, 1533-2756, Volume 8, Issue 2, 2010, Pages 149 - 159

TALKS

- Institute of Fine Arts, NYU, Conservation Center July 1-2, 2022: Reflections and Projections: Time-based Media Art Conservation Education and Outreach Webinar. *Coding for Conservators: Preparing Time-based Media Conservators to Care for Software-based Art* . https://www.tbmatnyu2022.com/

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- Joan Jonas Knowledge Base Launch Introduction Glenn Wharton, Barbara Clausen, Deena Engel, Lozana Rossenova, October 15, 2021 https://www.diaart.org/program/calendar/joan-jonas-knowledge-base-launch-event-dia-talks-2021-10-15

- WikidataCon October 29-31, 2021: A sustainable future for Wikidata, Online conference. *Enriching the Joan Jonas Knowledge Base with linked open data via Wikidata* with Barbara Clausen and Lozana Rossenova.

- AIC (American Institute for Conservation), Salt Lake City, May 22, 2020 Sesson: *Electronic Media and Contemporary Art* Talk: *Developing the Joan Jonas Knowledge Base - An Open Access Digital Resource* with Prof. Glenn Wharton, UCLA and co-authored by Prof. Barbara Clausen, UQAM

- College Art Assocation, Chicago, February 13, 2020 Session: *Beyond the Algorithm: Art Historians, Librarians, and Archivists in Collaboration on Digital Humanities Initiatives* Talk: *Capturing Scholarship and Datasets in Contemporary Art: The Joan Jonas Knowledge Base* with Prof. Barbara Clausen, UQAM and Prof. Glenn Wharton, UCLA

- Bowdoin College, Brunswick, Maine, November 4, 2019. The Artist Archives Initiative with Glenn Wharton, UCLA. https://bowdoinorient.com/2019/11/08/speakers-discuss-artistic-collaboration-in-a-digitizing-world/

- The Frick Collection, New York City, November 1, 2019: *Interrogating the Archive: SQL for Art Historians* with Pepe Karmel. Calendar:
  https://www.frick.org/calendar?trumbaEmbed=view%3Devent%26eventid%3D134522762

- *Material Immaterial: Photographs in the 21st Century* Yale University, New Haven, CT., September 24, 2019. Panel: *Collecting the Immaterial* Moderator: Chitra Ramalingam, Yale Center for British Art; with co-panelists Judy Ditner, Yale University Art Gallery and Erin O'Toole, San Francisco Museum of Modern Art
  https://learning.culturalheritage.org/material-immaterial

- The Frick Collection, New York City, May 2, 2019 *The Artists Archives Initiative: New Research Models for Contemporary Artists* with Glenn Wharton. Video: https://www.frick.org/interact/artist_archives_initiative

- *Symposium—Conserving Active Matter: Materials Science* Funded by The Andrew W. Mellon Foundation, Bard Graduate Center, New York City, March 28, 2019 *The Fragility of Software-Based Art: An Approach to Developing Strategies for Conservation and Treatment* https://www.bgc.bard.edu/events/928/28-mar-2019-symposium-conserving The Getty Conservation Institute, Los Angeles, California, March 21, 2019 *Reflecting on Digital Art History, Computational Art History & Beyond*

- AAAS (*American Association for the Advancement of Science*) - Washington D.C., February 17, 2019. *Conserving and Restoring Computer-Based Art in an Ethical Framework* Session: *Medicine, Computer Science and Art: Learning through Technology* with Francesca Casadio (Director of the Center for Scientific Studies in the Arts: A Collaboration between Northwestern University and the Art Institute of Chicago),Marc Walton (Northwestern University Mccormick School of Engineering and Applied Science, Dept. of Materials Science) and Rachel Sabino (Associate Conservator, Art Institute of Chicago).
  https://aaas.confex.com/aaas/2019/meetingapp.cgi/Paper/23191

- Gordon Research Conference: Leading Edge Applications of Data Science, Degradation Science, and Conservation Strategies for Cultural Heritage - Barcelona, Spain July 26, 2018 *The State of the Art in Time-Based Media Conservation* https://www.grc.org/scientific-methods-in-cultural-heritage-research-conference/2018/

- EMG (Electronic Media Group of the American Institute of Conservation of Historic and Artistic Works) - Houston, TX 06/01/2018 *Introducing 'Code Resituation': Applying the Concept of Minimal Intervention to the Conservation Treatment of Software-based Art* with Joanna Phillips, Time-based Media Conservator, Solomon R. Guggenheim Museum https://aics46thannualmeeting2018.sched.com/event/Cz6k/electronic-media-introducing-code-resituation-applying-the-concept-of-minimal-intervention-to-the-conservation-treatment-of-software-based-art

- Yale Center for British Art: Is This Permanence: Preservation of Born-digital Artists' Archives, New Haven, CT, May 11, 2018 - *The Artist Archives Initiative: Researching and Developing New Models for Digital Art Information Preservation and Delivery* with Glenn Wharton.

- The Metropolitan Museum of Art: The Time-Based Media Working Group Lecture Series, New York City, 11/16/2017 - *The Life-Cycle of a Software-Based Work of Art: From Creation to Conservation.*

- Performa Archives *Forever and a Day* – New York, NY 11/04/2017 *The Artist Archive Initiative and the Joan Jonas Knowledge Base* http://17.performa-arts.org/performa-institute/archives

- Innovations in Digital Humanities Pedagogy @ DH2017 - Montreal CA 08/08/2017 *Bringing Computer Science Pedagogy to Digital Humanities Education*

- EMG (Electronic Media Group of the American Institute of Conservation of Historic and Artistic Works) - Chicago, IL 06/01/2017 *New Research and Developments in the Conservation of Software-Based Art* with Joanna Phillips, Time-based Media Conservator, Solomon R. Guggenheim Museum https://aics45thannualmeeting2017.sched.com/event/8xPI

- EMG (Electronic Media Group of the American Institute of Conservation of Historic and Artistic Works) - Chicago, IL 06/01/2017 *The David Wojnarowicz Knowledge Base: A Wiki-based Solution for Conservation and Exhibition Documentation* with Prof. Glenn Wharton, Department of Museum Studies, NYU https://aics45thannualmeeting2017.sched.com/event/8xPL#

- Association of North American Graduate Programs in Conservation - Morgan Library, New York City, 04/21/2017 The Honorary Angelica Zander Rudenstine Lecture *The Conservation of Software-Based Art: Understanding the Source Code* https://www.anagpic2017nyc.com/

- PASIG [Preservation and Archiving Special Interest Group] - Museum of Modern Art, New York City, 10/27/2016 *Studying the Conservation of Software-based Art: An interdisciplinary Academic-Museum Research Collaboration* with Joanna Phillips, Time-based Media Conservator, Solomon R. Guggenheim Museum http://www.pasignyc.org/

- Tech Focus III: Caring for Software-Based Art - Solomon R. Guggenheim Museum, New York City, 09/26/2015 *Understanding code as the Foundation of Software-Based Art: Coding Exercise in Processing* ; and *The Documentation of Artists' Source Code as a Preservation Tool* with Prof Glenn Wharton. http://resources.conservation-us.org/techfocus/techfocus-iii-caring-for-computer-based-art-software-tw/

- EMG (Electronic Media Group of the American Institute of conservation of Historic and Artistic Works) - Miami, FL 05/16/2015 *Computational Provenance and Computational Reproducibility: What Can We Learn About the Conservation of Software Art From Current Research in the Sciences?* with Mark Hellar.

- EMG (Electronic Media Group of the American Institute of conservation of Historic and Artistic Works) - San Francisco, CA 05/30/2014 *Museum / University Collaborations in Media Conservation Research* with Prof. Glenn Wharton http://sched.co/1cX4qfK

- National Portrait Gallery of the Smithsonian Institute, Washington D.C. 01/17/2014 - Technology Experiments in Art: Conserving Software-Based Artworks *The Value of Software Documentation in Conserving Software-Art: Case Studies at the Museum of Modern Art (MoMA).*

- EMG (Electronic Media Group of the American Institute of conservation of Historic and Artistic Works) - Indianapolis, IN 05/31/2013 *Technical Documentation of Source Code at the Museum of Modern Art* with Glenn Wharton, Time-Based Media Conservator, Museum of Modern Art - http://www.conservation-us.org/index.cfm?fuseaction=Page.viewPage&pageId=1162

- Yale University Library's Standing Committee on Professional Awareness (SCOPA) and the Digital Humanities Working Group, 02/10/2012:*Putting Primary Source Material Online: A Case Study from New York University*

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TALKS AT NEW YORK UNIVERSITY

- NYU Institute of Fine Arts Conservation Center 02/04/2019 *Mathematics and Art*

- NYU Library Digital Humanities + Data 11/9/2018. *An Introduction to the Artist Archives Initiative* - NYU Connect

- The Institute of Fine Arts Its About Time: Building a New Discipline - Time Based Media Art Education 5/20/2018 - 5/22/2018. *Enhancing Conservation Practice through Museum-Academic Collaboration and Cross-Disciplinary Education* with Joanna Phillips, Solomon R. Guggenheim Museum. https://www.tbmsymposium2018.com

- Artist Archives Initiative 2018 Symposium 4/20/2018 - Co-Chair and Moderator http://artistarchives.hosting.nyu.edu/Initiative/symposia/

- ITP Camp at Tisch, 06/26/2017 *Conserving Software-Based Art*

- The Artist Archives Initiative Symposium, Fales Specials Collection, NYU 04/21/2017 *The Database Challenge*

- Digital Humanities Meets Art Galleries: *Academic-Museum Collaboration: A Case Study* with Joanna Phillips, Time-based Media Conservator, Solomon R. Guggenheim Musem; Humanities Center, NYU, 03/28/2017.

- Topics in Time-based Media Art Conservation, NYU Institute of Fine Arts, New York City, 11/14/2016 *Source Code Analysis in the Conservation of Software-based Art* (Video recording: https://vimeo.com/192027914)

- Guest Lecturer, four classes each in the spring 2016 and spring 2017 semesters with Prof. Rebecca Guenther, CINE-GT 1803: *Metadata For Moving Image Collections*

- *Case Study on Collaboration: An Undergraduate Computer Science Class Working in the NYU Archives* 11/11/2016 Humanities for STEM: Using Archives to Bridge the Two Cultures Divide https://wp.nyu.edu/archives_collaborative/

- *Three Approaches to Archives and Pedagogy* 09/16/2016 Humanities for STEM: Using Archives to Bridge the Two Cultures Divide, Year 1 Kick-Off Meeting.

- *Digital Humanities as Interdisciplinary Collaboration: Perspectives on Co-Teaching and Co-Researching across the Humanities/Computer Science Divide* 04/20/2016 with Prof. Marion Thain http://nyu.libcal.com/event/2540648

- Teaching Digital Natives: A Panel Discussion, 10/08/2015.

- NYU Workshops in Digital Humanities, New York City, 06/02/2015 Spring 2015 Graduate Student Workshops in the Digital Humanities *Introduction to TEI* with Prof Marian Thain.

- NYU Workshop in Archival Practice, 10/14/2011: http://nyuarchiveworkshop.wordpress.com/2011/10/19/notes-from-archive-lab-digital-humanities-and-literary-archives/

- NYU, Center for Teaching Excellence: *Workshop on the digital Humanities Why Digital Humanities? with Deena Engel, Kathleen Fitzpatrick, Michael Stoller, and Diana Taylor* New York University 02/17/2011. Co-sponsored by the Humanities Initiative at NYU.

- NYU, Center for Teaching Excellence: Technology and Education Conference New York University, 04/16/2010 *Computing in the Humanities*

COMMITTEE SERVICE AT NEW YORK UNIVERSITY

- Research Technology Faculty Advisory Board.

- FAS Committee on Information, Technology and Library Services for AY 2017-8 through 2019-20. Co-Chair with Nicole Callihan AY 2019-2020. http://cas.nyu.edu/content/nyu-as/cas/academic-programs/bulletin/policies/standing-committees-in-cas-and-fas.html

- CAS Dean Search Committee, January – May, 2017
  https://www.nyu.edu/content/dam/nyu/provost/documents/Committees/1.17.17CASDeanSearch.pdf

SERVICE TO THE SCHOLARLY ARTS & DIGITAL HUMANITIES COMMUNITY

- Member of the Advisory Board of the Maryanne Amacher Archives Portal project of Blank Forms, with the Maryanne Amacher Foundation, and the New York Public Library's Library of the Performing Arts, 2021-present.

- Board Member, NYU Grey Art Gallery Advisory Committee (https://greyartgallery.nyu.edu) 2019 - present

- Co-VP of Outreach, Digital Art History Society (DAHS https://digitalarthistorysociety.org) 2019 - present

- Project Manager, Solomon R. Guggenheim Museum, The 2017-8 Restoration of *Net.Flag* by Mark Napier with NYU Computer Science graduate student Emma Dickson and Solomon R. Guggenheim Museum CCBA Fellow, Jonathan Farbowitz.

- Co-Supervisor with Joanna Phillips, Time-Based Media Conservator, Solomon R. Guggenheim Museum, The 2017-8 Restoration of *Unfolding Object* by John F. Simon Jr. (Unfolding Object) with NYU Computer Science graduate student Karl T. Rosenberg and Solomon R. Guggenheim Museum CCBA Fellow, Jonathan Farbowitz.

- Peer reviewer for *Digital Humanities Quarterly* 2016, 2017, 2018, 2019 (https://openjournals.neu.edu/ojs/dhq)

- Panelist for IMLS Museums for America (MFA) Grants Review, March, 2016, 2018, 2019 (https://www.imls.gov/)

- Co-Organizer with Prof. Hannelore Roemich, Conservation Center, Institute of Fine Arts at NYU and Christine Frohnert, Bek & Frohnert LLC, and Time-Based Media Program Coordinator, Conservation Center of the Institute of Fine Arts, NYU: Symposium *It's About Time! Building A New Discipline: Time Based Media Art Conservation* May 21-22, 2018 https://www.tbmsymposium2018.com

- Member of the Advisory Committee for *Born Digital: Pathways Towards Preservation*, an 18-month initiative at the Museum of the Moving Image funded by the Andrew W. Mellon Foundation. 2017-2018

- Member of the Advisory Committee for *Preservation of Original Video and Audio Recordings*, a one-year initiative at Performa Archive funded by NEH, June, 2017- May, 2018. https://securegrants.neh.gov/publicquery/main.aspx?f=1&gn=PW-253911-17

- Co-Supervisor with Joanna Phillips, Time-Based Media Conservator, Solomon R. Guggenheim Museum, the 2016-7 Restoration of *Brandon* by Shu Lea Cheang with NYU Computer Science student Emma Dickson (CAS class of 2017) and Solomon R. Guggenheim Museum CCBA Fellow, Jonathan Farbowitz.

- Member of the *Media Conservation Initiative*; hosted by the Museum of Modern Art, NYC and supported by the Mellon Foundation; five years beginning in the September 2016.

- Member of the *Educator's Committee for Technical Art History Curriculum Development*; supported by the Kress Foundation. September 2016 – May 2018.

- Co-Director, *The Artist Archives Initiative* New York University with Prof. Glenn Wharton, Museum Studies (2016 - present) http://artistarchives.hosting.nyu.edu/Initiative/

  o Technology Research Director *The Artist Archives Initiative - The Joan Jonas Knowledge Base*, New York University with Prof. Glenn Wharton, Museum Studies and Prof. Barbara Clausen, Département d'histoire de l'art Université du Québec à Montréal (2017 - present) http://artistarchives.hosting.nyu.edu/Initiative/the-joan-jonas-knowledge-base/

- o Technology Research Director and Member of the Advisory Committee, *The Artist Archives Initiative - The David Wojnarowicz Knowledge Base*, New York University with Prof. Glenn Wharton, Museum Studies, NYU and and Marvin Taylor, Fales Library and Special Collections) (2015- present) http://artistarchives.hosting.nyu.edu/Initiative/the-david-wojnarowicz-knowledge-base/ and http://cs.nyu.edu/ArtistArchives/KnowledgeBase/index.php/Main_Page

- Grant reviewer for Humanities Nebraska, 2017, 2018, 2020, 2021, 2022

- Member of the Advisory Board NYU-IFA-CC (Institute of Fine Arts: The Conservation Center) to develop a curriculum in time-based media and software-based art conservation (2015-2017).

- Panelist for Council on Library and Information Resources (CLIR: *Hidden Collections*), November, 2015 (http://www.clir.org/hiddencollections)

- Panelist for the NEH Digital Humanities Start-Up Grant competition, Washington D.C., December, 2013.

- Member of Community of Practice: CoP related to software-based art conservation challenges (http://pericles-project.eu/page/communities_of_practice#software_based_art) (2015-2017)

- Participant in Charting the Digital Landscape of the Conservation Profession Forum #3, Dallas Museum of Art, 2014 (AIC Summary: http://www.conservation-us.org/docs/default-source/reports/digital-landscape-project-dallas-summary.pdf?sfvrsn=2)

- Peer reviewer for *Digital Humanities 2011*, *Digital Humanities 2012*, *Digital Humanities 2013* and *Digital Humanities 2014* international conferences

INTERVIEWS AND PRESS

- The Art Newspaper 4/13/2020 Conservators and computer scientists join forces to update older internet works for today's browsers: Work on Mark Napier's 2002 piece net.flag was recently completed by the Guggenheim by Aimee Dawson https://www.theartnewspaper.com/news/for-ageing-digital-art-survival-means-change

- Solomon R. Guggenheim Museum Blog 2/27/2020: Restoring Mark Napier's Online Work net.flag for a Changing World https://www.guggenheim.org/blogs/checklist/restoring-mark-napiers-online-work-net-flag-for-a-changing-world

- Solomon R. Guggenheim Museum Blog: The Conserving Computer-Based Art Initiative (CCBA) https://www.guggenheim.org/conservation/the-conserving-computer-based-art-initiative

- The New York Times Style Magazine 08/06/2019 *What Should An Artist Save?* https://www.nytimes.com/2019/08/06/t-magazine/artist-archives.html

- Science News for Students 4/24/2019: *These scientists help rescue 'broken' digital art Hardware and software updates can damage computer-based art — and restoring it is tricky* (https://www.sciencenewsforstudents.org/article/these-scientists-help-rescue-broken-digital-art)

- AAAS Press release 02/15/2019: https://www.eurekalert.org/pub_releases/2019-02/nyu-hdw021219.php and NYU https://www.nyu.edu/about/news-publications/news/2019/february/how-do-we-conserve-and-restore-computer-based-art-in-a-changing-.html

- London Financial Times 02/17/2019 *Scientists work to save 'fragile' digital media artworks*

- Solomon R. Guggenheim Museum Blog: *The Guggenheim Restores John F. Simon Jr.'s Early Web Artwork "Unfolding Object"* By Joanna Phillips, Deena Engel, Jonathan Farbowitz and Karl Toby Rosenberg (11/19/2018) https://www.guggenheim.org/blogs/checklist/the-guggenheim-restores-john-f-simon-jr-early-web-artwork-unfolding-object

- Solomon R. Guggenheim Museum: Press Release, November 19, 2018 *Guggenheim Museum's Initiative for Conserving Computer-Based Art Restores Seminal Web Artwork Unfolding Object* (2002) by John F. Simon Jr. https://www.guggenheim.org/press-release/guggenheim-museums-initiative-for-conserving-computer-based-art-restores-seminal-web-artwork-unfolding-object-2002-by-john-f-simon-jr

- VoCA (Voices of Contermpoary Art): *The Life-Cycle of a Software-Based Work of Art* February 2, 2018 by Mia Matthais and Michelle Liu. http://www.voca.network/blog/2018/02/02/the-life-cycle-of-a-software-based-work-of-art/

- Metropolis M, Dec. 6, 2017 *Artist Archives Initiative* (in Dutch) by Weronika Trojanska http://www.metropolism.com/nl/features/33766_artist_archives_initiative

- *NYU Arts Magazine*, Fall 2017 *Art Restoration 2.0* by James Devitt.

- Solomon R. Guggenheim Museum: Press Release, 05/16/ 2017 *Guggenheim Restores First Internet Artwork Acquisition through Conserving Computer-Based Art Initiative - Brandon (1998–99) by Shu Lea Cheang Now Fully Functional and Accessible to Public* https://www.guggenheim.org/press-release/guggenheim-restores-first-internet-artwork-acquisition-through-conserving-computer-based-art-initiative

- Solomon R. Guggenheim Museum Blog: *Restoring Brandon, Shu Lea Cheang's Early Web Artwork* By Joanna Phillips Deena Engel Emma Dickson Jonathan Farbowitz, 05/16/2017 https://www.guggenheim.org/blogs/checklist/restoring-brandon-shu-lea-cheangs-early-web-artwork

- Hyperallergic *The Guggenheim Restores Its First Web Art Commission* 05/17/2017 by Claire Voon https://hyperallergic.com/379667/the-guggenheim-restores-its-first-web-art-commission/

- Artnet *The Guggenheim Just Restored Its First Web Artwork. Here's How: Overcoming the unique conservation challenges of Internet art*. 05/16/2017 by Sarah Cascone https://news.artnet.com/art-world/guggenheim-brandon-digital-art-962129

- VoCA (Voices of Contemporary Art): Spring 2017 VoCA Journal *Creating the Artist Archives Initiative at New York University with Deena Engel, Marvin J. Taylor, and Glenn Wharton* http://journal.voca.network/creating-the-artist-archives-initiative-at-new-york-university/

- New York University Alumni Magazine *The Art Code* Spring 2017, page 17.

- VoCA (Voices of Contemporary Art): Blog Post 03/03/2017 Topics in Time-Based Media Art Conservation: Deena Engel http://www.voca.network/blog/2017/03/03/topics-in-time-based-media-art-conservation-deena-engel/

- Spring 2017 College News at NYU: *Faculty Profile with Prof. Craig Kapp: Technology-Enhanced Teaching.*

- Solomon R. Guggenheim Museum Blog: *How the Guggenheim and NYU Are Conserving Computer-Based Art—Part 1,* 10/26/2016; and *How the Guggenheim and NYU Are Conserving Computer-Based Art—Part 2*, 11/4/2016 By Caitlin Dover (https://www.guggenheim.org/blogs/checklist/how-the-guggenheim-and-nyu-are-conserving-computer-based-art-part-1 and https://www.guggenheim.org/blogs/checklist/how-the-guggenheim-and-nyu-are-conserving-computer-based-art-part-2

- The Creators' Project *Student research at the Guggenheim Museum* 09/06/2016 https://creators.vice.com/en_us/article/saving-computer-based-art-conservation-lab

- Chronicle of Higher Education *The Graduate Student as Entrepreneur* by Sarah Ruth Jacobs, 11/29/2011 http://www.chronicle.com/article/The-Graduate-Student-as/129903/

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TEACHING AND MENTORING: STUDENTS' PRESENTATIONS AND RESEARCH PROJECTS

- Emma Dickson, Computer Science Major, Programmer on the Solmon R. Guggenheim Museum Restoration Project: Brandon 2016-7 (CS Department Spotlight: http://cs.nyu.edu/home/undergrad/spotlight.html) *Emma Dickson, a senior majoring in computer science, has been working with Deena Engel and conservators at the Guggenheim Museum to restore the Internet-based artwork "Brandon" by Shu Lea Cheang.*

- College of Arts and Science Undergraduate Research Conference, Hanna Yang, Computer Science *Artist Archives: Knowledge Base Implementation* - Panel Winner 05/05/2017

- Polonsky Foundation Digital Humanities Internship Program, Chair (2015), Co-Chair and Faculty Mentor with Prof. Tom Augst (2016) Program; Co-Chair and Faculty Mentor with Prof. Tom August and Joe Versoza (2018 and 2019).

- *Examination and Code Analysis of Siebren Versteeg's 'Untitled Film 2' (2006)* at the symposium "TechFocus III: Caring for Software-Based Art" at the Guggenheim Museum, New York, 09/25/2015. Mia Matthias, Jiwon Shin and Caroline Slason, Department of Computer Science at NYU with Brian Castriota, Samuel H. Kress Fellow in Time-based Media Conservation, Solomon R. Guggenheim Museum. http://resources.conservation-us.org/techfocus/techfocus-iii-caring-for-computer-based-art-software-tw/

- SIGCSE 2013, Denver, Colorado, 03/08/2013: Poster Session - *Embracing the Digital Humanities: A Course on Computing in the Humanities for Undergraduate Computer Science Minor Students* http://db.grinnell.edu/sigcse/sigcse2013/Program/viewAcceptedProposal.pdf?sessionType=poster&sessionNumber=2

- Project Title: *Source Code Documentation for Computational Art at the Museum of Modern Art, New York*. Supervisor: Professor Deena Engel, Courant Institute of Mathematics. MoMA Liaison: Glenn Wharton, Media Conservator, Museum of Modern Art. Computer Science Department notice, May 2011, links to http://cs.nyu.edu/~deena/docs/DSE_MoMA.html

- NYU President's Service Awards, 2011: Elizabeth Pelka and Paige Ponzeka *Victim Services Unit Database for the King's County District Attorney's office (2011)* A class database project further developed to support children in the community. https://cs.nyu.edu/dynamic/achievements/undergraduate/

- Digital Humanities Conference, London - July, 2010; Poster Session*: An Inter-Disciplinary Approach to Web Programming: A Collaboration Between the University Archives and the Department of Computer Science* by Janet Marie Bunde and Deena Engel http://www.arts-humanities.net/audio/interview_deena_engel_dh2010