

## Curriculum Vitae Kirsten Ostherr

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English Department – MS 30  
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### EDUCATION

- 2014** M.P.H., University of Texas School of Public Health, Houston, TX
- 2001** Ph.D., American Civilization, Brown University, Providence, RI
- 1997** M.A., American Civilization, Brown University, Providence, RI
- 1993** B.A., History and Literature, Reed College, Portland, OR

### PROFESSIONAL POSITIONS

- 2013-present Gladys Louise Fox Professor of English, Rice University, Houston, TX
- 2008-2013 Associate Professor of English, Rice University, Houston, TX
- 2002-2008 Assistant Professor of English, Rice University, Houston, TX
- 2001-2002 Postdoctoral Fellow, Faculty Seminar on Transnational Intersections of Gender, Race, Ethnicity, Class, and Sexuality, Wesleyan University, Middletown, CT
- 1994-1995 Researcher, Oregon Health Policy Institute, Department of Public Health and Preventive Medicine, Oregon Health Science University, Portland, OR

### PROFESSIONAL AFFILIATIONS

- 2014-present Adjunct Professor, Division of Health Promotion and Behavioral Science, School of Public Health, University of Texas-Houston
- 2012-present Adjunct Professor, McGovern Center for Humanities and Ethics, University of Texas McGovern Medical School at Houston

### LEADERSHIP POSITIONS

- Fall 2017 Director of Undergraduate Studies, English Department, Rice University
- 2016-present Director of Medical Humanities Program, Humanities Research Center, Rice University

2015-present	Co-Director, Rice-UT Public Health Scholars Program
2015-present	Associate Chair, Department of English, Rice University
2015-present	Co-Director, Education Advisory Board, Stanford Medicine X
2012-present	Director and Co-Founder, Medical Futures Lab, Rice University, University of Texas Health Science Center, and Baylor College of Medicine
2012-present	Associate Director of Scientia Institute for Science and Culture, Rice University

**PUBLICATIONS**  
**BOOKS & SPECIAL ISSUES OF JOURNALS**

*Applied Media Studies*. (editor) NY: Routledge, 2017.

K. Ostherr and O. Banner, eds. (equal effort), *Science/Animation*. Special issue of *Discourse: Journal of Theoretical Studies in Media and Culture*, vol. 38.3 (2016).

*Medical Visions: Producing the Patient Through Film, Television, and Imaging Technologies*. NY: Oxford University Press, 2013.

*Cinematic Prophylaxis: Globalization and Contagion in the Discourse of World Health*. Durham, NC: Duke University Press, 2005.

**CREATIVE WORKS**

*Scenes of Disclosure* (TRT 22:25). A film by Kaisu Koski in collaboration with Kirsten Ostherr (production design, screenplay, camerawork, editing). Premiere March 9, 2017 at International Health Humanities Consortium Meeting, Houston, TX

**ARTICLES & BOOK CHAPTERS**

“It’s Time for Digital Medical Humanities.” *MediaCommons* (Jan. 24, 2018) (peer-reviewed online journal) <http://mediacommons.futureofthebook.org/question/can-digital-humanities-change-way-we-study-health-and-practice-medicine-how-do-digital-re-7>

“Privacy, Data Mining, and Digital Profiling in Online Patient Narratives.” *Catalyst: Feminism, Theory, Technoscience*. Edited by Tamara Kneese, Beza Merid, Mara Mills, and David Serlin. (forthcoming March 2018).

“Risk Media in Medicine: The Rise of the Metaclinical Health App Ecosystem.” In Bhaskar Sarkar and Bishnupriya Ghosh eds., *The Routledge Companion to Risk and Media*. NY: Routledge, forthcoming 2018.

“Digital Humanities and Design Thinking.” In Nathan Carlin et al., eds. *Teaching Health Humanities*. NY: Oxford UP, forthcoming 2018.

“TechnoVision,” in Devan Stahl, ed. *Imaging and Interpreting Illness*. Eugene, OR: Cascade Books, forthcoming 2018.

“The Shifting Aesthetics of Expertise in the Sharing Economy of Scientific Medicine.” Carlos Taberero and Fernando Vidal, eds. *Science in Context* vol. 31, no. 1 (March 2018).

“Medicalized Screens from the Cold War to the Social Web.” In German Alfonso Nuñez Canabal, Arno Görge, Heiner Fangerau, eds., *Popular Culture and Biomedicine: Knowledge in the life sciences as cultural artefacts*. Stuttgart: Steiner Verlag, forthcoming 2017.

“International Animation Aesthetics at the WHO: *To Your Health* (1956) and the Global Film Corpus.” In David Cantor, Anja Laukötter, and Christian Bonah, eds., *Communicating Good Health* Rochester, NY: University of Rochester, forthcoming 2017.

“Applied Media Studies: Interventions for the Digitally Intermediated Age.” In Kirsten Ostherr, ed. *Applied Media Studies*. NY: Routledge, 2017: pp. 3-22.

“The Medical Futures Lab: An Applied Media Studies Experiment in Digital Medical Humanities.” In Kirsten Ostherr, ed. *Applied Media Studies*. NY: Routledge, 2017: pp. 60-78.

**K Ostherr**, S Borodina, R Conrad Bracken, C Lotterman, E Storer, B Williams. “Trust and Privacy in the Sharing Economy of User-Generated Health Data.” *Big Data & Society* vol. 4, no. 1 (April 2017). <https://doi.org/10.1177/2053951717704673>

**K Ostherr**, P Killoran, R Shegog, E Bruera. “Death in the Digital Age: A Systematic Review of Information and Communication Technologies in End-of-Life Care.” *Journal of Palliative Medicine*, vol. 19, issue 4 (2016): 408-420. doi:10.1089/jpm.2015.0341.

“‘Design in Motion’: Introducing Science/Animation.” Co-authored with Olivia Banner. *Discourse: Journal of Theoretical Studies in Media and Culture* 38.3 (2016): 175-192.

“Animating Informatics: Scientific Discovery through Documentary Film.” In Alisa Lebow and Alex Juhasz, eds. *The Blackwell Companion to Contemporary Documentary Studies* (Wiley-Blackwell, 2015).

Ostherr, K. A. (2014). *Death in the digital age: A systematic review of information and communication technologies in end-of-life care*. MPH Thesis.

<http://search.proquest.com/docview/1622474102?accountid=7064>

“Ebola in Dallas: Failure to Connect Data and Story.” (Nov. 3, 2014) *KevinMD.com*.

<http://www.kevinmd.com/blog/2014/11/ebola-dallas-failure-connect-data-story.html>

“Operative Bodies: Live Action and Animation in Medical Films of the 1920s,” *Journal of Visual Culture*, vol. 11, no. 3 (2012): pp. 352-377.

“Cinema as Universal Language of Health Education: Translating Science in *Unhooking the Hookworm* (1920).” Nancy Anderson and Michael Dietrich, eds., *The Educated Eye: Visual Culture and Pedagogy in the Life Sciences*. (UPNE, 2012).

“Medical Education Through Film: Animating Anatomy at the American College of Surgeons and Eastman Kodak.” Dan Streible, Devin Orgeron, and Marsha Orgeron, eds., *Learning with the Lights Off: A Reader in Educational Film*. (Oxford UP, 2012).

“Health Films, Cold War, and the Production of Patriotic Audiences: *The Body Fights Bacteria* (1948).” Charles Acland and Haidee Wasson, eds., *Useful Cinema*. (Duke UP, 2011).

“Narrative Medicine, Biocultures, and the Visualization of Health and Disease.” Caroline F. Levander and Robert S. Levine, eds., *A Companion to American Literary Studies*. (Wiley-Blackwell, 2011).

“Racial and Sexual Minority Identity in Healthcare and Research: *Philadelphia* (1993).” Henri G. Colt, Silvia Quadrelli, and Lester Friedman, eds., *The Picture of Health: Medical Ethics and the Movies*. (Oxford UP, 2011).

“Empathy and Objectivity: Health Education Through Corporate Publicity Films.” David Serlin, ed., *Imagining Illness: Public Health and Visual Culture* (U MN P, 2010).

“Invisible Invaders’: The Global Body in Public Health Films,” in Lester Friedman, ed., *Cultural Sutures: Medicine and Media*. (Duke UP, 2004).

“Contagion and the Boundaries of the Visible: The Cinema of World Health,” *Camera Obscura* 50, vol. 17.2 (2002): 1-38.

“Amnesia, Obsession, Cinematic U-Turns: on *Mulholland Drive*,” *Senses of Cinema* 19 (March-April 2002). [http://www.sensesofcinema.com/contents/01/19/mulholland\\_amnesia.html](http://www.sensesofcinema.com/contents/01/19/mulholland_amnesia.html) (co-authored).

P Hanes, K Ostherr, DA Stevens, *Children with Special Health Care Needs: Oregon Statewide Needs Assessment: Report of Findings* (Portland, OR: Oregon Health Policy Institute, Dept. of Public Health and Preventive Medicine, Oregon Health Sciences University, 1995).

“Wiggles Gets Wasted,” in Anna LoBianco, Jody Bleyle, and Staci Cotler, eds., *Free to Fight* (Portland, OR: Candy Ass Records/Chainsaw Records, 1995).

“Margins of Vision: Azarías and Nieves in *Los Santos Inocentes*,” in *Cine-Lit: Essays on Peninsular Film and Fiction* (Portland, OR: Portland State UP, 1992): 60-67.

## **WORKS IN PROGRESS**

*Quantified Health: Learning from Patient Stories in the Age of Big Data*. Book project in progress.

K Ostherr, P Washington, A Sabarwhal, E Kok, A Balasubramaniam, B Vartabedian. “Can

MOOCs facilitate humanistic knowledge formation? Using lecture and discussion forum data analysis to identify conceptual learning in an online medical humanities course.” Under revision.

**K Ostherr**, A Major. “Peer-to-Peer Medical Education Cultivates Core Competencies for Entering Medical Students.” Article in progress for submission to *Academic Medicine*.

**K Ostherr**, P Washington, A Sabarwhal, E Kok, A Balasubramaniam, B Vartabedian. “Analysis of the #MedDig Twitter Hashtag to Understand Community Participation in a MOOC.” Article in progress for submission to *Journal of Internet Medical Research*.

“The Science of TED: Aesthetics and Unintended Consequences of Modeling the Future.” Solicited chapter for Scott Curtis, Oliver Gaycken and Vinzenz Hediger, eds., *Epistemic Screens: Science and the Moving Image* (due October 2016, under contract, Amsterdam UP).

**K Ostherr**, K Koski. “Standardized Patients in Medical Education.” Multimedia project in progress.

## FELLOWSHIPS & GRANTS

- Oct. 2017**     **Faculty Teaching Release Fellowship, Humanities Research Center, Rice University** One semester teaching release to complete book manuscript.
- Oct. 2017**     **Medical Humanities Speaker Series, Humanities Research Center, Rice University** (\$3,171)
- Sept. 2017**     **Research Grant, War Related Injury and Illness Center, U.S. Department of Veterans Affairs** (\$104,421) To conduct “Mobile Media and Telehealth: Trust, Privacy and Sharing of Personal Data” media fieldwork.
- March 2017**     **Symposium Grant, Humanities Research Center, Rice University** (\$15,000) To support “Health/Design” symposium Spring 2018.
- Oct. 2016**     **Symposium Grant, Humanities Research Center, Rice University** (\$12,740) Supported Spring 2017 Medical Humanities symposium, “Critical Care: Disability Interventions and Medical Humanities” (with Zoë Wool)
- Feb. 2016**     **Modular Course Grant, Humanities Research Center, Rice University** (\$22,000) Supported development and teaching of “Introduction to Medical Humanities” core course for new minor in Medical Humanities.
- June 2015**     **Visiting Faculty Fellowship, Humboldt University, Berlin, Germany** (€5,000) Two-week residence to deliver lectures, seminars and workshops.
- April 2015**     **Public Humanities Grant, Humanities Research Center, Rice University** (\$5,000) “Video Scenarios in Medical Education: Polyphony and Non-Linearity in Audiovisual Doctor-Patient Narratives” (with collaborator Kaisu Koski, University of Tampere, Finland)

- March 2015 Faculty Initiatives Fund Grant, Rice University** (\$39,063) Supported development of Medical Futures Lab.
- March 2015 Arts Initiative Fund, Rice University** (\$8,000) Supported third year of “Medical Media Arts Hub,” a project of the Medical Futures Lab.
- Dec. 2014 Charles Garside-Mellon Graduate Seminar Award, Rice University Humanities Research Center** (\$51,500 distributed) Supported development and teaching “The Quantified Self: A Techno-Human Experiment.”
- April 2014 Asynchronous Course Development Grant, Rice University** (\$20,000) Supported development of “Medicine in the Digital Age” as an open, online course on the edX platform.
- Feb. 2014 Arts Initiative Fund, Rice University** (\$8,000) Supported second year of “Medical Media Arts Hub,” a project of the Medical Futures Lab.
- Feb. 2013 Arts Initiative Fund, Rice University** (\$25,000) Supported development of the “Medical Media Arts Hub,” a project of the Medical Futures Lab.
- June 2012 Josiah Macy Jr. Foundation Award** (\$29,800) Supported Medical Futures Lab symposium, “Millennial Medicine” in April 2013.
- May 2012 Humanities Research Innovation Fund Award, Rice University Humanities Research Center** (\$14,000) Supported Medical Futures Lab symposium, “Millennial Medicine” in April 2013.
- March 2012 Andrew W. Mellon Foundation New Directions Fellowship** (\$173,730) Supported attainment of Master of Public Health degree.
- Feb. 2012 Faculty Initiatives Fund Grant, Rice University** (\$65,205) Supported “Medical Futures Lab” collaboration with UT Health, Baylor College of Medicine, and local design community.
- Spring 2010 Humanities Research Innovation Fund Award, Rice University Humanities Research Center** (\$8,500) “New Methods for Health Media.”
- Spring 2009 Brown Teaching Grant, Rice University** (\$4,300) “American Independent Cinema” Funded development of web-based archive of cinema clips from independent films to support new curriculum.
- Spring 2007 Faculty Initiatives Fund Grant, Rice University** (\$52,000) “Health Media Literacy.” Funded innovative course development for pre-med undergraduates in collaboration with Texas Medical Center colleagues.

## **AWARDS AND HONORS**

- January 2016** Recipient, John P. McGovern Award for Excellence in Biomedical Communication, 2016, conveyed by the American Medical Writers Association (\$1500)
- October 2015** Selected Member, Rice University Academy of Fellows, Faculty Fellow
- April 2014** Inductee, *Delta Omega*, Honorary Society in Public Health, University of Texas School of Public Health
- Jan.-June 2014** Selected participant, Ithaka S+R Sustaining Digital Resources Course (inaugural class)
- May 2012-present** Associate Director, Scientia Institute for the History of Science and Culture, Rice University (elected position)
- November 2011** Selected participant: Andrew W. Mellon Foundation Sawyer Seminar “Cultures of Energy” (competitive \$5,000 award to participate in faculty seminar, declined)
- July 2010-present** Invited Position: Faculty Fellow in The John P. McGovern, M.D. Center for Humanities and Ethics, University of Texas Health Science Center, Houston, TX
- Spring 2010** Invited Position: Visiting Scholar at the Institute for Medical Humanities, University of Texas Medical Branch, Galveston, TX (Four-month Residency, Fall 2011)
- Fall 2009** Fellowship (Teaching Release), Department of English Chair’s Leave, Rice University (Competitive award to work on book manuscript)
- Spring 2009** Finalist & Humanities Division Nominee, Charles W. Duncan Jr. Achievement Award for Outstanding Faculty, Rice University
- Spring 2009** Elected member, Executive Board, Scientia Institute for the History of Science and Culture, Rice University
- 2008-2009** C.P. Snow Faculty Fellow, Scientia Institute for the History of Science and Culture, Rice University
- 2007-09** Scientia Faculty Fellow, Institute for the History of Science and Culture, Rice University
- Spring 2006** Visiting Fellow, Dartmouth College Humanities Institute, “Visual Culture and Pedagogy in the Life Sciences,” Hanover, NH

- 2005-06** Fellowship (Teaching Release), Center for the Study of Cultures, Rice University, "Contagion and the Nation." (Competitive award to conduct research)
- November 2005** Invitation to address Grand Challenges in Global Health Initiative, Bill and Melinda Gates Foundation, Seattle, WA [declined]
- April 2005** Finalist, Phi Beta Kappa Teaching Award, Rice University
- June-August 2004** Dean of Humanities Summer Writing Stipend
- July 2004** Rockefeller Archive Center, Scholar-in-Residence Research Grant Award
- April 2004** Finalist, Phi Beta Kappa Teaching Award, Rice University
- 2002-2007** Mosle Research Award, Dean of Humanities, Rice University
- Summer 2003** Humanities Faculty Summer Research Award, Rice University
- 2000-2001** Bernstein Fellowship, Brown University
- May 2000** Presidential Award for Excellence in Teaching, Brown University
- Spring 2000** Research Fellowship, Brown University
- May 1999** Finalist, Presidential Award for Excellence in Teaching, Brown University
- 1996-1997** Pembroke Graduate Research Fellowship, Brown University  
*Seminar Topic: "The Future of Gender"*
- 1993** *Phi Beta Kappa* Honor Society inductee, Reed College, Portland, OR

**PROFESSIONAL PRESENTATIONS  
INVITED LECTURES**

- Nov. 2017** "Health/Medicine and Trust/Privacy: Real and Imagined Data Policies." Oxford Internet Institute, University of Oxford, Oxford, UK
- Nov. 2017** "Technological Innovation, Avant-Garde Aesthetics, and Miracles in Modern Medicine." Keynote. *Staging Canada at Expo67*, London, UK
- Oct. 2017** "Trust and Privacy in the Ecosystems of User-Generated Health and Medical Data." *Data Privacy in the Digital Age Symposium*, Office of the Chief Information Officer, Dept. of Health and Human Services, Washington, DC



- Oct. 2017** “Health Communication, Data Visualization, Digital Intermediation: Tracking Zika Virus.” *Media Medica: Genres, Technologies, and Media of Medical Communication*, Institute for the History of Medicine, Johns Hopkins University, Baltimore, MD
- Oct. 2017** “Terms of Use: Trust, Privacy and Data Sharing with Wearable Devices.” University of Texas-Dallas, School of Arts, Technology and Emerging Communication, Dean’s Colloquium, Dallas, TX
- Oct. 2017** “Online Patients, Offline Clinics: Health Communication for the 21<sup>st</sup> Century.” Patient-Centered Communication Seminar, UT Southwestern Medical School, Dallas, TX
- Sept. 2017** “The Evolving Role of Patients in the New Sharing Economy of Medicine,” Museum of Health and Medical Science, Houston, TX
- July 2017** “Patient communication & technological discourse.” (3-part lecture series) Klinik für Neurochirurgie, Charité Universitätsmedizin, Humboldt-Universität, Berlin, Germany
- April 2017** “Patient Narratives and Data Visualization.” ImageINe Surgery: International Workshop on Collaborative Surgical Tool Development, Charité Universitätsmedizin, Berlin, Germany
- February 2017** “Where is ‘the Human’ in Digital Health Technology? Experiments at the Medical Futures Lab.” Medea Research Lab, Malmö University, Sweden
- February 2017** “Zika Virus, Global Digital Health, and Technologies of Data Visualization.” BodyCapital Conference, Strasbourg, France
- February 2017** “Improving Digital Media Literacy and Critical Thinking Skills.” Humanities Texas Teacher Training Institute, *Critical Reading and Engaged Writing*, Austin, TX
- January 2017** “Techno-Mediated Communication in Medicine” and “Patient-Centered Imaging Technology.” In *Iconic Turn: How Images Govern Our Actions*, Klinik für Neurochirurgie, Charité Universitätsmedizin, Humboldt-Universität zu Berlin, Germany
- October 2016** “How (Big and Small) Data Are Redefining Normativity at the Human-Machine Interface.” Rice-Leipzig Lovett Seminar, Houston, TX
- June 2016** “Exploring the 1940s and 1950s through the Movies.” Humanities Texas Summer Teacher Institute, *Postwar America, 1945-1960*, Austin, TX

- June 2016** Invited Speaker, “Engaging Participants as Partners in Research,” Precision Medicine Initiative, White House Office of Science and Technology Policy, Washington, D.C.
- May 2016** “New Media Technologies and Patient-Centered Care.” Design & Health Symposium. Bauhaus Dessau/Anhalt University of Applied Sciences, Dessau, Germany
- May 2016** “How to Design for Human Users.” Emerging Medical Technologies Symposium, Innotech Conference. San Antonio, TX
- April 2016** “Avant-Garde Medical Vision.” International Colloquium on Knowledge Networks and Health Innovation in the (North and South) Americas. University of Michigan-Detroit
- March 2016** “Design Thinking: Journey Mapping Through Storyboarding.” Texas Medical Center Accelerator (TMCx) Digital Health Accelerator, Houston, TX
- Feb. 2016** “Design Thinking: Understanding Human Users.” TMCx Digital Health Accelerator, Houston, TX
- Jan. 2016** “Narrative Medicine in the Age of Big Data.” American Medical Writers Association McGovern Award Banquet Lecture
- October 2015** “Scalable Connectivity for Superseniors.” Invited Presentation. Louisville Innovation Summit. Louisville, KY
- October 2015** “How to Bring Technologies of Tomorrow into Hospitals of Yesterday.” Keynote, Navigated Brain Stimulation in Neurosurgery, 7<sup>th</sup> Annual International Symposium, The Nordic Embassies, Felleshus, Berlin, Germany
- September 2015** “Learning from Patients in Real Time: Digital Storytelling” (with Roni Zeiger). Master Class. Medicine X Ed conference, Stanford Medical School, Palo Alto, CA
- June 2015** “Designing Interdisciplinary Curricula for Medical Education and Training” and “Making Data into Stories.” Image-Knowledge-Gestaltung Cluster of Excellence, Humboldt University, Berlin, Germany
- May 2015** “How to Get Physicians to Embrace Innovation (Lessons from 120 Years of Iteration).” Innovation in Healthcare Symposium. Jesse Jones Graduate School of Business, Rice University
- April 2015** “Digital Medical Humanities: Making Data Into Stories.” Invited Keynote, 4<sup>th</sup> International Health Humanities Conference - Health

Humanities: The Next Decade, University of Colorado Anschutz Medical Campus, Aurora, CO

- Feb. 2015** “The Power of Narrative: Contextualizing a Culture of Health through Story” Design Workshop, Business Innovation Factory/RWJF, Providence, RI
- October 2014** “Bringing the Patient Voice to Medical Education: Digital Tools for Storytelling.” Guest lecture, ANES 204, “Medical Education in the New Millennium,” Stanford University School of Medicine.
- September 2014** “Medical Reality TV from the Cold War to the Social Web.” Medical Images and Medical Narratives in Later Modern Popular Culture. Ulm University, Ulm, Germany
- September 2014** “Medical Futures Lab: Knowledge Design for an Age of Digital Disruption.” Image-Knowledge-Gestaltung Cluster of Excellence, Humboldt University, Berlin, Germany
- May 2014** “Hacking the Silos.” Of Two Minds: Bringing Together the Sciences and Humanities Symposium, University of California, Davis
- May 2014** “Co-creation for Doctors and Patients: Celluloid Lessons for the Digital Age.” The Visual Image and the Future of Medical Humanities Conference, Institute for Medical Humanities, University of Texas Medical Branch, Galveston, TX
- April 2014** “Design is Good for Your Health.” Design for America Hackathon, Houston, TX
- March 2014** “How Do We See Health and Disease?” Charter 100 Lecture, River Oaks Country Club, Houston, TX
- February 2014** “Technologies of Medical Perception.” Provost’s Lecture Series, Rice University, Houston, TX
- December 2013** “Transmedia Hackathon.” HealthFoo UnConference, Microsoft NERD Campus, Cambridge, MA
- November 2013** “Digital Medical Humanities” Rice Medical Humanities Symposium, Houston, TX
- October 2013** “Can Movies Make Us Healthier?” TEDx Houston, TX
- September 2013** “Design Thinking for Digital Health Literacy.” Medicine, Energy, Space & Technology (MEST) Conference, Houston, TX

- September 2013** “LaToya Ruby Frazier: Media Ecology & Participatory Public Health.” Contemporary Arts Museum, Houston, TX
- June 2013** “~~Humanities in a STEM World~~. STEM in a Humanities World.” ADFL/MLA Summer Seminar, Houston, TX
- November 2012** “Lessons from the History of Medical Social Media and Reality TV.” Houston History of Medicine Society, Houston, TX
- September 2012** “From Health Films to Healthy Games: Interventionist Animation.” Enchanted Drawing: Animation Across the Disciplines Conference, University of Pennsylvania, Philadelphia, PA
- December 2011** “Medical Waste.” Luce Foundation Defining Ephemera Project, Ephemera and Archives Symposium, Houston, TX
- November 2011** “Social Media, Reality TV, and the Future of Medical Education.” Institute for Medical Humanities Colloquium, University of Texas Medical Branch, Galveston, TX
- May 2011** “The Biopolitics of Animation: Global Health and Sponsored Films in the Postwar Era.” Brocher Foundation Symposium: “Communicating Good Health: Movies, Medicine, and the Cultures of Risk in the Twentieth Century,” Geneva, Switzerland
- May 2011** “Motion Pictures in the History of Medical Education.” Houston History of Medicine Society, Houston, TX
- April 2011** “Biomedicine, Animation, and the Problem of the Audience.” Science/Film Symposium, Northwestern University, Chicago, IL
- October 2010** “Killer App? Medical Media and the Fantasy of Technology-Driven Health.” Science Studies Colloquium, University of California, San Diego
- July 2010** “Going Viral: Visualizing Contagion and Pathology in Hollywood and Public Health Films, 1922 to 2010.” Samuel G. Dunn Lectureship in Medicine and the Humanities, Institute for the Medical Humanities, University of Texas Medical Branch, Galveston, TX
- May 2010** “The Cultural Significance of Medical Imaging, Or: Why You Should Care What Your Patients Watch on TV.” Texas Heart Institute, St. Luke's Episcopal Hospital, Houston, TX
- February 2010** “Medical Visual Culture.” Rice University-Menil Collection Symposium on “Museums and the Medical Humanities: The Arts of Transformation.” Rice University, Houston, TX

- January 2010** “Spectacular Problems in Surgery’: Medical Motion Pictures at the American College of Surgeons.” Medical Film Symposium, Mütter Museum, College of Physicians of Philadelphia, PA
- January 2010** “Medical Reality TV.” Seminar in the History and Sociology of Science, University of Pennsylvania, Philadelphia, PA
- September 2007** “Medical Visions: Producing the Patient Through Film, Television, and Imaging Technologies.” Humanities Research Center Undergraduate Lecture Series, “Big Questions and Future Directions in the Humanities,” Rice University
- May 2007** “Picturing a Cure: Visual Media in the Pursuit of World Health.” Rice University Alumni College, New York, NY
- April 2007** “Global Health Campaigns Through Visual Media.” 1<sup>st</sup> Annual Global Health Design Challenge Symposium: Integrated Solutions to Advance Global Health. Beyond Traditional Borders Initiative, Baker Institute for Public Policy, Rice University
- February 2007** “Contagion and the Nation: Visualizing Borders in an Era of Pandemics.” Humanities Center, Lehigh University, Bethlehem, PA
- October 2006** Fellowship lecture. “Visual Pedagogy: Imaging and Instruction in Postwar Public Health Films.” Humanities Research Center, Rice University
- April 2006** “Visual Media in the Pursuit of World Health.” World Health Organization, United Nations, Geneva, Switzerland
- November 2005** “Picturing a Cure: Public Health Films in the Global Fight Against Communicable Diseases.” Global Health Histories Symposium, History of Medicine Division of the National Library of Medicine, National Institutes of Health, Bethesda, MD
- March 2005** “The Normalization of Violence.” Wolfson Center for National Affairs, New School University, New York, NY
- January 2005** “Violence in the Mass Media.” Scientia, an Institute for the History of Science and Culture, Rice University, Houston, TX. Lecture also presented for Rice University School of Continuing Studies course: “Conflict, Violence, War, and Hope: A Scientia Companion Series,” February 2005.
- November 2004** “Motion Pictures, Medicine, and Methodology.” Mellon Foundation Science and Technology Studies Seminar. Brown University, Providence, RI

## CONFERENCE PRESENTATIONS

- September 2017** “Medical Visualization Technologies as Tools for Patient Collaboration.” Stanford Medicine X conference, Stanford Medical School, Palo Alto, CA
- March 2017** “Applied Media Studies: Theory and Practice.” Society for Cinema and Media Studies annual meeting, Chicago, IL
- September 2016** “Design Thinking Inside Out.” Stanford Medicine X conference, Stanford Medical School, Palo Alto, CA
- March 2016** “Live-Tweeting the Awake Craniotomy.” Society for Cinema and Media Studies conference, Atlanta, GA
- Dec. 2015** “Digital Medical Humanities.” Special panel on “Humanities, Medicine and STEM” featuring Chairman of the National Endowment for the Humanities William Adams. Rice University, Houston, TX
- September 2015** “Making a MedEd MOOC: The Good, The Bad, and the Ugly” (with Larry Chu and Bryan Vartabedian). Medicine X Ed conference, Stanford Medical School, Palo Alto, CA
- March 2015** “Applied Media Studies.” Society for Cinema and Media Studies, Montreal, Canada.
- November 2014** “Can We Do Better? Use of Information and Communication Technologies in End-of-Life Care,” American Public Health Association Annual Meeting, New Orleans, LA
- November 2014** “Teaching Critical Thinking and Digital Literacy to Solve Real Problems,” American Association of Medical Colleges Annual Meeting, Chicago, IL
- September 2014** “How Emerging Technologies Get Into Medical School: Lessons from 100 Years of Innovation,” Medicine X conference, Stanford Medical School, Palo Alto, CA
- June 2014** “Collaborative Design for the Digital Age,” Emerging Te(x)chs Conference: The Use of Emerging Technologies for Healthcare Messages, United Way, Houston, TX
- May 2014** “mHealth and the Quantified Self: A TechnoHuman Experiment.” The Contours of Algorithmic Life Conference, University of California, Davis
- April 2014** “Collaborative, Participatory Design: New Health Literacies for the Digital Age.” Enhancing Lives Through Arts and Health, 25<sup>th</sup>

- Anniversary Conference, Global Alliance for the Arts in Healthcare, Houston, TX
- April 2014** “mHealth: Mapping the Networks of Algorithmic Life.” Texas Digital Humanities Conference, University of Houston, TX
- March 2014** “Untethered Technology: Aesthetics and Affordances of Mobile Health Media.” Society for Cinema and Media Studies, Seattle, WA
- December 2013** “Learning from the (Really) Early Adopters: Mobile Health 1913-2013.” mHealth Summit, Washington, D.C.
- September 2013** “Is Digital Media Literacy the Hinge Technology for Linking eDoctors with ePatients in the 21<sup>st</sup> Century?” Medicine X Conference, Stanford University, Palo Alto, CA
- Feb. 2013** “Biosecurity + Mobile Sensors = (Health) Surveillance Networks?” Society for Cinema and Media Studies, Chicago, IL
- September 2012** “The Medical Futures Lab: Digital Knowledge Design for Medical Education.” Medicine X Conference, Stanford University, Palo Alto, CA
- May 2012** “Medical Futures Lab: Reimagining Medicine at the Intersection of Humanity and Technology,” Baylor College of Medicine Education Day Symposium, Houston, TX
- March 2012** “Science/Animation.” Society for Cinema and Media Studies, Boston, MA
- March 2010** “Avatar in the OR: From Medical Motion Pictures to Second Life.” Society for Cinema and Media Studies, UCLA, Los Angeles, CA
- August 2009** “Indexicality and Animation in the Medical Film.” Visible Evidence XVI, University of Southern California, Los Angeles, CA
- July 2009** “Watching Medical Films.” Northeast Historic Film Summer Symposium: “Ways of Watching,” Bucksport, ME
- April 2007** “Adapting Science: Health Films for the General Public.” Texas Film Studies Conference, Texas A&M University, College Station, TX
- March 2007** “Public Relations and Public Health: Propaganda versus Education in Postwar Instructional Films.” Society for Cinema and Media Studies, Chicago, IL
- November 2006** “Visual Pedagogy in Action: *Unhooking the Hookworm* (1920).” Film & History Conference, Dallas, TX

- August 2005** “Medical Media: From the Laboratory to the Public Sphere.” Visible Evidence XII, Montréal, Quebec, Canada
- April 2005** “Theorizing the Medium: Representing Contagion Through Film, Television, and Digital Technologies.” Society for Cinema and Media Studies, London, England
- November 2004** “Fitness: The Body at the Crossroads of Science, Culture and Politics.” Panel Chair and Respondent. American Studies Association, Atlanta, GA
- October 2004** “Bioterrorism/Biotelevision.” Society for Literature and Science, Duke University, Durham, NC
- April 2004** “Distributing Cinema, Spreading Disease.” Media Archaeology Conference and Film Festival, Aurora Picture Show, Houston, TX
- March 2004** “Contagion and the Representation of Terrorism.” American Society of Bioethics and Humanities Spring Meeting, San Antonio, TX
- November 2003** “With His Camera in His Hand: Filmmaker Jim Mendiola’s Contingencies of History and Identity in *Come and Take it Day*.” Panel Chair and Respondent. Western Literature Association, Houston, TX
- October 2003** “Communicable Disease? Mediations of Anthrax.” American Studies Association Annual Meeting, Hartford, CT
- April 2003** “Representing Contamination.” Feminist Reading Group Colloquium on Gender and Visual Culture, Rice University, Houston, TX
- April 2003** “Contagion and the Problem of the Visual.” Faculty Colloquium, Department of Anthropology, Rice University, Houston, TX
- March 2003** “HBO Sundays and the Digital Revolution,” and Panel Chair, “HBO Sundays.” Society for Cinema and Media Studies Annual Meeting, Minneapolis, MN
- October 2002** “Institutionalizing Intersectionality: At the Borders of Globalization, Visuality, and Identity.” Flash Points Conference, Women’s and Gender Studies Programs, University of Texas, Austin, TX
- December 2001** “The Cinematic Past and the Digital Future: Embodiment and Indexicality.” Intersectionality Faculty Colloquium, Wesleyan University, Middletown, CT
- November 2001** “Globalization as Viral Contagion.” Globalization and the Image Conference, Society for Critical Exchange/MMLA, Case Western Reserve, Cleveland, OH



- May 2000** “Cinematic Prophylaxis: The Audiovisual Imaginary of World Health.” American Association for the History of Medicine, Bethesda, MD
- April 1999** “Invisible Invaders’: The Global Body in Public Health Films.” Society for Cinema Studies Annual Meeting, West Palm Beach, FL
- November 1998** “Conspiracy, Disease and Globalization in Postwar Film.” American Studies Association Annual Meeting, Seattle, WA
- August 1998** “Visualizing Race: The Problem of Realism.” Visible Evidence VII, San Francisco, CA
- May 1997** “Bleeding Through Boundaries: Race and Sexuality in Representations of the Ebola Virus.” Society for Cinema Studies Annual Meeting, Ottawa, Ontario, Canada
- March 1996** “‘A Major Pucker Factor’ Or: Ted Turner Worries about the Ebola Virus.” America, Inc. Conference, Columbia University, New York, NY
- March 1996** “Metaphoric Materiality? On Lesbian ‘Invisibility’ in the History of Sexuality.” Locating Feminisms Conference, Brown University, Providence, RI
- April 1994** “Art and Prudence: Gendered Prohibition in the Film Censorship Movement, 1907-1937.” Gender Studies Conference, Lewis and Clark College, Portland, OR
- February 1991** “Margins of Vision: Azarías and Nieves in *Los Santos Inocentes*.” Cine-Lit Conference, Portland International Film Festival, Portland State University, Portland, OR

## TEACHING

**Graduate Seminars:** “The Quantified Self: A Techno-Human Experiment” (Andrew W. Mellon seminar, Fall 2015-Spring 2016); “Emergent Media: Networks, Technology, Culture” (Fall 2013); “Comparative Media Studies” (Fall 2010); “Pedagogy” (Spring 2009; Spring 2010); “The Body in Visual Culture” (Fall 2006); “Representing Reality: Film, Television and Digital Technologies” (Fall 2004)

**Undergraduate:** “Medical Media Arts Lab” (Spring 2014; Spring 2015); “Medicine in the Age of Networked Intelligence” (Spring 2013); “American Independent Cinema” (Spring 2010); “Medicine and Media” (2007-present); “Global Media Cultures” (Fall 2004, Fall 2006, Fall 2001); “Introduction to Film: Film Criticism” (2003-present); “Disease and Difference: The Body in Visual Culture” (Spring 2003, Spring 2002); “Race, Gender and the Politics of Representation” (Spring 2003, Spring 2004); “Survey of American Film and Culture” (2002-present); “Postwar American Media and Culture” (Summer 1999); “Musical, Melodrama and Horror Films: Writing Genres” (Fall 1998); “Race and Sexuality in Contemporary U.S. Film”

(Spring 1998); “Introduction to the Study of Television” (Fall 1999); “Introduction to Cinematic Coding and Narrativity” (Spring 1999, Spring 1997); “Introduction to Modern Culture and Media” (Fall 1997, Fall 1996)

## STUDENT ADVISING

**Dissertation Director:** Rachel Conrad Bracken (English), “National Bodies: Alternative Epidemiologies and the Literature of American Public Health” (2018); Samhita Sunya (English, co-director), “Love in the Time of Cinema: ‘Singsong Syncretism’ and the Beloved Other of Bollywood” (2014); Josh Kitching (English), “The Pornography of Place: The Construction of a Local Erotic Media Culture in San Francisco, 1960 to Today”

**Dissertation Committee:** Rachel Hooper (Art History); Kenneth Alewine, Institute for Medical Humanities, University of Texas Medical Branch, Galveston, TX “Melancholia in Music, Art and Literature”; Laura Jones (Anthropology), “Over the Moon: Extended-Cycle Contraception and the Recent Evolution of Medicine and Womanhood”; Lina Dib (Anthropology), “Memory as concept and design in digital recording technologies”; Vibha Gokhale (Anthropology), “The Fetish of the ‘Open’: Social Capital and the Politics of Knowledge Production in Open-Source Communities”; Elizabeth (Marks) Rodwell (Anthropology), “Unsustainable: The Precarious Future of Japanese Commercial Television” (2015)

**Undergraduate Honors Thesis/Independent Studies:** Medical App Development (ENGL 493, Fall 2017): Monika Jain, Rachita Pandya, Jessica Hartz, Andy Zhang; Rachel Marren, Physician Communication Campaign, Student Research Intern (HUMA 401, 2016); Sharon Syau, “The ‘Human’ in Medicine: Potential Implications for Integrating Artificial Intelligence into the Diagnostic Process” (BA thesis 2015); Kelly Mover (CCE Fellow, 2013); Kailin Mooney; Sophia Roosth; Adithya Balasubramaniam; Shumaila Sarfani; Stephanie Kim; Vinita Israni

## MEDIA CONSULTING & INTERVIEWS

**October 2017**      *STAT (Boston Globe); Business Insider; Healthcare Analytics News; Health Data Management* on data privacy in health and medical apps  
lecture at U.S. Dept. of Health and Human Services, Washington, D.C.

**December 2016**      *The Walrus (Toronto, Canada)* on fiftieth anniversary of Montréal Expo '67 and the film *Miracles in Modern Medicine* (d. Robert Cordier, 1967)

**August 2016**      **NPR Rochester, NY/Side Effects Public Media** Interview for Karen Shakerdige “Push To Take End-Of-Life Forms Digital Reveals Complicated Path Ahead” (Sept. 28, 2016)  
<http://sideeffectspublicmedia.org/post/push-take-end-life-forms-digital-reveals-complicated-path-ahead>

- May 2015** **KUHF/Houston Public Media**, “Houston Matters.” Interview “Course Examines How Technology is Affecting Medicine” (April 29, 2015) <http://www.houstonmatters.org/segments/segment-c/2015/04/29/course-examines-how-technology-is-affecting-medicine>
- May 2015** **KHOU/CBS**, “Great Day Houston.” Interview on “Medicine in the Digital Age” MOOC launch on edX platform.
- Sept. 2014** **Deutschlandfunk** (German public radio), Interview on medical reality television and social media
- Sept. 2014** **The Hill**, Interview on Ebola outbreak and patients in Dallas, TX *The Hill* website. “Ebola Fears? Blame Hollywood.” Interview on Ebola outbreak and Nurse Pham video in Dallas, TX (Oct. 20, 2014) Available at <http://thehill.com/policy/healthcare/221324-ebola-angst-blame-hollywood>
- Sept. 2014** **University of Texas Medical Branch, Galveston**, Interview on Ebola outbreak and patient video in Dallas, TX
- Sept. 2014** **The Harvard Crimson**, Interview on edX Professional Education course, “Medicine in the Digital Age.”
- March 2014** **Wing of Zock: Academic Medicine in Transformation** blog. Jennifer Salopek, “Innovative Undergrad Course at Rice: Applying Design Thinking to Health Care Problems.” (March 4, 2014) Available at: <http://wingofzock.org/2014/03/04/innovative-undergrad-course-at-rice-applying-design-thinking-to-health-care-problems/>
- April-May 2014** **Wing of Zock: Academic Medicine in Transformation** blog. Jennifer Salopek, “Rice Students Refine Their Design Solutions to Health Care Problems” (April 15, 2014); “Rice Design Thinking Students Unveil Solutions at Final Critique” (May 20, 2014)
- May 2009** **KTRH/Clear Channel Radio**, Interview and analysis of media response to H1N1 (“swine flu”) outbreak
- Fall 2005** **Film Consultant**, *Unborn in the USA*, documentary film produced by Stephen Fell and Will Thompson
- Dec. 2004** **Invited Guest**, *Odyssey* radio program, “Bodies Under Surveillance,” Chicago Public Radio, syndicated on National Public Radio
- Feb. 2004** **Invited Guest**, *Odyssey* radio program, “Going Native,” Chicago Public Radio, syndicated on National Public Radio

**AY 2003-04**

**Film Consultant**, *Back to the Primitive*, documentary film produced by Cesare Wright

## **BOOK & ART REVIEWS**

Solicited book review: Leslie J. Reagan, Nancy Tomes, and Paula A. Treichler, eds., *Medicine's Moving Pictures: Medicine, Health, and Bodies in American Film and Television* (Rochester, NY: U of Rochester P, 2007) in *American Historical Review* v. 113 (October 2008): 1194-1195.

Magazine Articles: "Obituary for Alan J. Pakula." *Plazm* vol. 21 (1999); "Review of Kristin Sollenberger and Kate Hodges, *Snagged Skirts* art exhibit, Exquisite Corpse Gallery, Burlington, VT." *Plazm* vol. 19 (1998); "Review of Robert Slater, *Ovitz: The Inside Story of Hollywood's Most Controversial Power Broker* (NY: McGraw-Hill, 1997)." *Plazm* vol. 19 (1998); "Review of Thomas Streeter, *Selling the Air: A Critique of the Policy of Commercial Broadcasting in the United States* (Chicago: U of Chicago P, 1996)." *Plazm* vol. 18 (1998).

Review of: Craig Saper, *Artificial Mythologies: A Guide to Cultural Invention*. (Minneapolis: U of MN P, 1997), in *College Literature* 25.3 (Fall 1998): 194-196.

## **RECENT PROFESSIONAL SERVICE AND RELATED EXPERIENCE**

**Center for Energy and Environmental Research**, Steering Committee, Rice University (Fall 2017-present)

**Data Science Curriculum Committee**, Rice University (Fall 2016-present)

**Doerr Institute for New Leaders**, Faculty Advisory Committee, Rice University (Spring 2016-present)

**Dean of Humanities Search Committee**, Rice University (Fall 2016-Spring 2017)

**Faculty Senate Working Group on Online Education**, Rice University (Fall 2012-Spring 2013; Spring 2014; Spring 2016-present)

**Provost's Committee on Data Science**, Rice University (Fall 2015-Spring 2016)

**Executive Committee, English Department**, Rice University (Fall 2015-present)

**Faculty Senate Grievance Committee**, Rice University (Fall 2014-Spring 2015)

**Editorial Board, *Literature and Medicine*** (Fall 2014-present)

**Advisory Board, Medicine X | Ed Conference**, Stanford University School of Medicine (July 2014-present)

**University Committee on Undergraduate Curriculum**, Rice University (Fall 2013-present)

**Faculty Sponsor, Medical Humanities Student Organization** (2013-present)

**Committee to Review Dean of Architecture** (Fall 2013), Rice University

**Conference Organizer**, “Millennial Medicine: Knowledge Design for an Age of Digital Disruption,” Inaugural symposium of Medical Futures Lab, Houston, TX (Spring 2013)

**Faculty Mentor** (2010-2012), Medical Humanities Postdoctoral Fellow and Mellon Postdoctoral Fellow, Humanities Research Center

**Operating Committee** (May 2010-Dec. 2010), Shell Center for Sustainability, Rice University

**Manuscript/Grant Reviewer:** Netherlands Organization for Scientific Research, Innovational Research Incentives Scheme, Grant Review (2016); *Configurations*; *American Historical Review*; *Literature and Medicine* (2016); *Journal of Medical Humanities* (2016); Oxford UP; Routledge; University of North Carolina Press; Medicine 2.0 conference; *Bulletin of the History of Medicine*; Duke University Press; University of Minnesota Press; *Journal of Women’s History*; *Feminist Review*; *Technology and Culture*; *PMLA (Publications of the Modern Language Association of America)*; *World Order Quarterly*

**English Department Service:** Graduate committee; Speakers committee; Undergraduate Curriculum committee; Americas Colloquium committee; Dunlevie and Sarofim Teaching Awards Selection Committee; Graduate Writing Award committee

**Rice University Service:** Committee on Undergraduate Curriculum; Steering Committee, Center for the Study of Women, Gender and Sexuality (elected position); Scientia Executive Committee; Parking Committee

**Director, Film & Media Studies Reading Group** (Fall 2009-Dec. 2010), funded by the Humanities Research Center

**Civic Humanist Lecturer** (AY 2008-2009), “Medicine and Media: How Doctor Shows on Television Teach Us About Health,” Humanities Research Center and Rice University Office of K-12 Initiatives sends faculty from Rice’s School of Humanities to local high school classrooms

**Co-Chair, Non-theatrical Film and Video Scholarly Interest Group** (March 2008-2011), Society for Cinema and Media Studies (Elected position)

**Grant Reviewer** (November 2008), Wiener Wissenschafts-, Forschungs- und Technologiefonds (WWTF) Vienna Science and Technology Fund/Art(s) & Sciences, “Gender, Movies, and Immunity”

**Co-founder, Non-theatrical Film and Video Scholarly Interest Group** (September 2007), Society for Cinema and Media Studies

**Film Institute Initiative** (Fall 2007-Spring 2009) Core member of planning committee convened by Dean of Humanities to develop joint Rice University-University of Texas, Austin film program.

**Judge** (Spring 2007), Chick Flicks film essay competition, Rice University Media Center

**Medical Humanities Initiative** (2006-present), Rice University, Baylor School of Medicine, and University of Texas Health Sciences Center

**Beyond Traditional Borders Educational Team** (2006-present), Directed by Dr. Richards-Kortum, Bioengineering. Multi-disciplinary Rice University program fosters the creation of globally appropriate health technologies that address the pressing health needs of the developing world.

**Cultural Studies of Science and Technology Reading Group** (2006-2009), Rice University, participant

**Faculty Mentor** (2006-08), Mellon Postdoctoral Fellow Program, Humanities Research Center, Rice University

**Guest Critic** (Fall 2006), ARCH 601, "The Notion of Impossibility Disappears for an Individual Within a Group: Film and Architecture as Techniques of Persuasion." Invited by visiting instructors Mary Ellen Carroll and Charles Renfro to participate in design reviews. School of Architecture, Rice University

**Faculty Advisor** (Fall 2006), Graduate Student Symposium "Pathologies: Scientific and Cultural Representations of the Normal and the Abnormal," Rice University

**Guest Lecturer** (January 2006), BIOE 301 "Bioengineering and World Health." Invited by Dr. Rebecca Richards-Kortum to discuss the application of film and television toward issues in global health.

**Judge** (2003-2007), Humanities Division, Rice Undergraduate Research Symposium

**Steering Committee** (2002-2004), Feminist Reading Group. Co-director 2003-04

**Rice University Media Center** (2002-2004), Search Committee for Director of Media Center; Film Programming Advisory Committee; Committee to Develop Undergraduate Major in Film and Media Studies