

Christopher Michael Kelty

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Current Position

- 2007- Associate Professor of Anthropology, Rice University.
2007-8 Visiting Assistant Professor of The History of Science, Harvard University.
2001-2007 Assistant Professor of Anthropology, Rice University.

Education

- 2000 Ph.D., Massachusetts Institute of Technology, Program in Science, Technology and Society.
dissertation *Scale and Convention: Programmed Languages in a Regulated America*
advisors Michael M.J. Fischer (Chair), Evelyn Hammonds, Larry Bucciarelli, Joseph Dumit
1994 B.A., Literature, University of California, Santa Cruz.

Fellowships and Awards

- 2004/2005 Graduate Teaching and Mentoring Award, Rice University
2003 Rice University Center for the Study of Cultures Fellowship
1999-2000 Social Sciences Research Council International Dissertation Research Fellowship
1999 Siegel Prize Winner, Program in Science Technology and Society
1994-2000 Andrew Mellon Fellowship in the Humanities
1990-1994 Regents Scholarship, University of California

Publications

- [2008] Kelty, C. M. (2008a). *Two Bits: The Cultural Significance of Free Software*. Duke University Press, Durham, N.C.
- Friedman, P. K., Golub, A., and Kelty, C. (2008b). Three years of savage minds: From blog to scholarly civil society. *Anthropology News*, 49(3):22–22.
- Kelty, C. (2008c). The state of open access anthropology. *Anthropology News*, 49(2):9–10.
- Kelty, C. M., Burrus, C. S., and Baraniuk, R. G. (2008d). Peer review anew: Three principles and a case study in postpublication quality assurance. *Proceedings of the IEEE*, 96:1000–1011.
- Kelty, C. M., Fischer, M. M., Golub, A., Jackson, J. B., Christen, K., Brown, M. F., and Boellstorff, T. (2008e). Anthropology in/of circulation: a discussion. *Cultural Anthropology*, 23(3).
- Kelty, C., Lounsbury, M., Colvin, V., and Yavuz, C. (2008f). Towards open source nano: Arsenic removal and alternative models of technology transfer. *JAI Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*.
- Kelty, C. M. (2008g). Allotropes of fieldwork in nanotechnology. In Jotterand, F., editor, *Philosophy and Medicine*. Springer Verlag, Dordrecht, The Netherlands.

- Kelty, C. M. (2008h). Collaboration, Coordination and Composition: Fieldwork after the Internet. In James Faubion and George Marcus, editor, *Fieldwork isn't what it used to be*. Cornell University Press, Ithaca, NY. forthcoming.
- Kelty, C. M. (2008i). Internet. In Darity, W., editor, *International Encyclopedia of the Social Sciences*, chapter Internet. MacMillan Reference. ISBN: 978-002-865965-7.
- Kelty, C. M. (2008j). Inventing Copyleft. In Mario Biagioli and Peter Jaszi and Martha Woodmansee, editor, *Contexts of Invention*. University of Chicago. forthcoming.
- [2007] Kelty, C. and Marcus, G. (2007). Open Source Experiments and What They Show About the Analyst's Frustrations in Intelligence Communities. *Anthropology News*,.
- [2006] Kelty, C. M. (2006a). Coding for Meaning (Review of K. Hayles "My Mother was a Computer"). *Meta-Science*, 15(3):535–538.
- Kelty, C. M. (2006b). The Ethics and Politics of Nanotechnology. Technical report, UNESCO, Paris. UNESCO Publication.
- Kelty, C. M. (2006c). Intellectual Property and the Humanities. In Michael Hanrahan and Deborah Madsen, editor, *Teaching, Technology, Textuality: Trans-Atlantic Approaches to New Media and the New English*, pages 36–56. Palgrave MacMillan.
- [2005] Kelty, C. M. (2005a). Free Science. In Joseph Feller and Brian Fitzgerald and Scott Hissam and Karim Lakhani, editor, *Perspectives on Free and Open Source Software*. MIT Press, Cambridge, MA.
- Kelty, C. M. (2005b). Geeks, internets, and recursive publics. *Cultural Anthropology*, 20(2).
- Kelty, C. M. (2005c). Trust among the Algorithms: ownership, identity and the collaborative stewardship of information,. In Ghosh, R. A., editor, *Code: collaborative ownership in the digital economy*, pages 127–151. MIT Press, Cambridge, MA.
- Kelty, C. M. (2005d). Understanding Nanotechnology Anthropologically. *Anthropology News*, 46(1):27.
- Kelty, C. M. (2005e). Verb Awry: avant-garde beat poet found trapped in ruins of digital economy (Review of A. Kroker "The Will to Technology and the Culture of Nihilism"). *Anthropology and Humanism*, December.
- [2004] Kelty, C. M. (2004a). Anthropology and the open access debate. *Anthropology News*, 45(11):14.
- Kelty, C. M. (2004b). Culture's Open Sources: Software, Copyright and Cultural Critique. *Anthropological Quarterly*, 77(3):499–506.
- Kelty, C. M. (2004c). Opening the brown box. In Medosch, A. and Brouwer, J., editors, *Feelings are Always Local*. V2 Publishing, Rotterdam, The Netherlands.
- Kelty, C. M. (2004d). Punt to Culture. *Anthropological Quarterly*, 77(3):547–558.
- Kelty, C. and Landecker, H. (2004a). Eine Theorie der Animation: Zellen, L-Systeme und Film. In Henning Schmidgen, editor, *Lebendige Zeit*. Kadmos, Berlin.
- Kelty, C. and Landecker, H. (2004b). A theory of animation: Cells, l-systems, and film. *Grey Room*, 1(17):30.
- [2003] Kelty, C. and Landecker, H. (2003). News about Cells: 1909-1964. Video (7 Min). finalist in the Bioclips Cinema of the Cell competition, screened at the European Life Sciences Organization meeting in Dresden, September 23, 2003.
- Kelty, C. M. (2003). Document 568. Video. finalist in the 2003 Extremely Shorts Contest, Aurora Picture Show, Houston TX.
- [2002] Kelty, C. and Landecker, H. (2002). Das Schauspiel der Zelle. In Marie-Luise Angerer and Katrin Peters and Zoe Sofoulis, editor, *Future Bodies: zur visualisierung von korporen in science and fiction*, pages 21–47. Springer Verlag, Vienna.
- Kelty, C. M. (2002). Houston: Oil on Water. *Crowd Magazine*, 1(2):113–117.
- [2001] Kelty, C. M. (2001). Free software/free science. *First Monday*, 6(12). URL: http://firstmonday.org/issues/issue6_12/kelty/index.html.
- [2000] Kelty, C. M. (2000). A Passage to Germany. *MidDay*, page 10.
- [1999] Kelty, C. M. (1999). The Promise of Bioinformatics. *The Economist Intelligence Unit: Healthcare International*, 1st Quarter:69–80.

[1998] Kelty, C. M. (1998). Healthcare Meets the Internet. *The Economist Intelligence Unit: Healthcare International*, 2nd Quarter:108–119.

Kelty, C. M.1997. Healthcare's Electronic Future. *The Economist Intelligence Unit: Healthcare International*, 4th Quarter:93–104.

[Under Review] Kelty, C. M. (n.d.a). Explaining IT. *Political and Legal Anthropology Review*. Review of Xiang, Biao 2007. *Global Body Shopping: An Indian Labor System in the Information Technology Industry*. Princeton: Princeton University Press and Aneesh, A. 2006. *Virtual Migration: The Programming of Globalization*. Durham: Duke University Press.

Kelty, C. M. (n.d.b). The Scale of Norms: Free Software and theories of Gift Exchange. In Nikolai Ssorin-Chaikov, editor, *Gifts and Modernity*. Berghan Books. under review.

McCarthy, E. and Kelty, C. M. (n.d.). Nanotechnology and responsibility (i). Submitted to *Science, Technology and Human Values*.

Yavuz, Cafer T., a. (n.d.). Nanocrystals made in edible oils using everyday items—Towards open-source nanotechnology. *Science*. Under review.

Grants

2006-7 **PI**, *Center for Biological and Environmental Nanotechnology*, "Ethics and Politics of Nanotechnology", Rice University.
\$16,000

2005-6 **Co-PI**, *Center for Biological and Environmental Nanotechnology*, "Ethics and Politics of Nanotechnology", Rice University.
\$12,000

2004-5 **Co-PI**, *National Science Foundation, Nanotechnology Undergraduate Education Grant*, "Nanotechnology: Content and Context,".
\$100,000 total, \$16,500 Kelty

2003-4 **Co-director**, *Graduate Student Initiative Project*, Rice University.
\$500

2003-4 **Co-PI**, *Center for Biological and Environmental Nanotechnology*, "Ethics and Politics of Nanotechnology", Rice University.
\$14000

2002-3 **Co-PI**, *Computer and Information Technology Institute, ERIT Innovation Grant*, "Ethics and Politics of Science", Rice University.
\$10,400

1999 Social Sciences Research Council, International Dissertation Research Fellowship, \$12000

1999 National Science Foundation Dissertation Improvement Grant, \$11,000

Courses Taught

Fall 2007 HS 189v: History of Software and Networks
(Harvard)

Spring 2007 Anth 320/520: Public Spheres and Public Cultures

Fall 2006 Anth 315/515: Intro to Information and Networks
Anth 605: Fieldwork

Spring 2006 Anth 455/655: Intro to Science Studies

Fall 2005 Anth 315/515: Intro to Information and Networks
Anth/Chem 235: Nanotechnology Content and Context(w/ John Hutchinson)

Fall 2004 Anth/Chem 235: Nanotechnology Content and Context (w/ K. Kulinowski)
Anth 605: Fieldwork

Spring 2004 Anth/Clas 321/521: Text as Property/Property as Text (w/ S. McGill)
Anth 455/655: Intro to Science Studies

- Spring 2003 Anth 455/655: Intro To Science Studies
Anth 375/575: Abracadabra
- Fall 2002 Anth 605: Fieldwork
Anth 315/515: Intro to Information and Networks
- Spring 2002 Anth 375/575: Abracadabra
Anth 618: Can Humans Think?
- Fall 2001 Anth 315/515: Intro to Information and Networks
Anth 455/655: Intro to Science Studies

University Service

- Rice University
Committees Security Committee, 2002-2003
Provost's Fellowship Committee, 2004
Salary Equity Committee, 2004-2007
Committee on Common Reading, 2006-7
IT Advisory Committee, 2004-2007
Ad Hoc Committee on Intellectual Property at Rice, 2004-5
Scientia Board, 2004-2007
Social Sciences Dean Search Committee, 2005-6
Connexions Executive Board, 2003-7
Planning Committee, DeLange Conference 2007
- Other Rice
Service Intellectual Property and Communities Advisor, Connexions Project
Member of the Rice Institutional Review Board Fall 2004 to Fall 2006
Faculty Mentor, Rice Fellows Program, (2001-2)
- Professional
Service Editorial Board, Cultural Anthropology (2005-)
Reviewer:
Cultural Anthropology; Culture, Medicine and Psychiatry; Journal of Contemporary Ethnography;
Anthropological Quarterly; American Philosophical Society; National Science Foundation
Member, Society for Cultural Anthropology (2004-present)
Member, American Anthropological Association (1997-present)
Member, Society for the Social Study of Science (1996-present)
Member, Society for Literature and Science (1997-1999, 2005)
Founding Member, Savage Minds Online Anthropology Forum (2005-)

Invited Lectures, Presentations and Workshops

Invited Lectures

- 2007 "Collective Technical Experiments: Free Software and its Modulations" presented at Experimental Systems, States and Speculations: Anthropology at the Intersection of Life, Science and Capital, University of California Irvine, April 13-14, 2007. Organizers Joseph Dumit and Kaushik Sunder Rajan
- 2007 "Two Bits: The Cultural Significance of Free Software" *Biopolitics and Technoscience, Women and Gender Studies Institute Series* University of Toronto, Jan 26th
- 2007 "Two Bits: The Cultural Significance of Free Software" Presented to the Committee on Conceptual Foundations of Science, University of Chicago, Jan 12th
- 2006 Faculty lecture for the Common Reading Series (on Philosophy since Popper) Lecture. Rice University, September 6th.
- 2006 News About Cells: 1906-1964 Film screening, Trans conference, Madison, Wisconsin, October 16-18.

- 2006 "Two Bits: The cultural significance of Free Software" presented at the Workshop on Science, Medicine and Nature, The Institute for Advanced Studies, University of Minneapolis, Minneapolis MN, March 23.
- 2006 "Re-Functioning Ethnography" Re-Functioning Ethnography, inaugural conference at the Center for Ethnography, University of California, Irvine, Jan 24-26.
- 2004 "Opening the Brown Box" Dutch Electronic Arts Festival, Rotterdam, The Netherlands, Nov 14-19, 2004.
- 2004 "Small scale but Trans-local: Gifts, Commons and Software Commons" European Association of Social Anthropologists, Vienna, Austria, Sept 8-12.
- 2004 "Legal Music Promotion: File-Sharing, Sampling or Both?" Panel Moderator, South by Southwest (SXSW), Austin TX, March 15
- 2003 "News About Cells: 1909 to 1964", contest finalist "Bioclips" European Molecular Biology Organization (EMBO), Dresden, Germany, Sept 22-23.
- 2003 "JCDL Tutorial: Open Content Licenses and Copyright," Joint Conference on Digital Libraries, Houston, TX, May 27-31, (<http://www.rice.edu/jcdl03/tutorials.html#opencontent>).
- 2003 "Qualitative Research in the Age of the Algorithm: New Challenges in Cultural Anthropology" Research Libraries Group (RLG) Annual Meeting, May 5-6, Boston MA.
- 2003 "On the Commons in Science, with applications to digital medical imaging," Workshop on Exchange, University of California San Francisco, organized by Nick King and Warwick Anderson, April 4-5.
- 2003 "Some Rights Reserved: The Creative Commons Project," Panel Moderator, South by Southwest (SXSW), Austin TX, March 9.
- 2002 "How to do things with code: law, software and social organization," CITI Luncheon, Nov. 1, Rice University.
- 2002 "Movement and Image in Biology" w/ Hannah Landecker, at "Experimental Arcades" Conference hosted by Bauhaus Universität, Weimar Germany and the Max Planck Institut für Wissenschaftsgeschichte, May 24-26.
- 2002 "Of Polymaths and Transhumanists; Networked Scientific Laities" Princeton University History of Science Workshop "The Scientific Laity", organized by Angela Creager and Mary Henniger-Voss, April 12.
- 2001 "Free Software/ Free Science," First Monday Conference, November 5, Maastricht, The Netherlands.
- 2001 "Cellular Features: Immortality, Apostrophe, Apoptosis," w/Hannah Landecker, Max Planck Institut für Wissenschaftsgeschichte.
- 2001 "Experimental Microcinematography, or how to not see what is there," Future Bodies, Kunsthochschule für Medien, Köln, Germany, video and text w/ Hannah Landecker.
- 2001 "How to do things with words," CODE Conference, Cambridge England
- 2000 Invited Lecturer, "Anthropologie und Kritische Psychologie," Freie Universität zu Berlin, December 11.
- 2000 "Scale, or the Fact of," invited paper at the conference: Traveling Facts: Inscription, Materiality, Translation held by the Wissenschaftskolleg zu Berlin, July 13-15, 2000.
- 2000 Invited Speaker, "Über Empirische Forschung in Kulturwissenschaft und Anthropologie," in Seminar in Empirische Forschung by Ernst Schraube, Freie Universität zu Berlin, July 2000.
- 1999 Panel Participant, Wizards of OS, 1999 Chaos Computer Congress, Berlin, Dec 27-29, 1999.
- 1998 "Report on Telemedicine Activities in the United States," Report to the Centre Nationale d'Études Télécommunications of France Telecom, project organizers: Larry Bucciarelli and Christian Licoppe.
- 1998 "Pregnancy, Hormones, Apocalypse: immunoassay tests and environmental politics," presented at the Harvard Center for Literary and Cultural Studies, March 19th, 1998.

- 1997 "Life is a series of tests, some just count more." presented at Cornell University S&TS Department, April 1997, organized by Jennifer Reardon

Refereed Presentations

- 2006 "Universal Internets: Hubs and Routers across difference" Panel presentation on Anna Tsing's Friction, American Anthropological Meetings, San Jose, November 16-19.
- 2006 "You Vote. It Counts: Voting Machines and the Re-legislation of democracy" Society for the Social Study of Science, Vancouver, November 2-4.
- 2006 Discussant, "Processes of Translation and Translations of Substance" Society for Cultural Anthropology Meetings, Milwaukee, Wisconsin, May 5-6.
- 2006 "Emacs. Grep and UNIX: Authorship, Invention and Translation in Software" Case Western Reserve University, Cleveland, OH, April 20-23
- 2005 "Allotropes of Fieldwork in Nanotechnology" American Anthropological Association, Washington DC, Nov. 29-Dec.4.
- 2005 Panel Organizer w/Henning Schmidgen, "Deleuze and Science" Society for Literature, Science and the Arts, Chicago, Nov. 10-12.
- 2005 "An Ethology of Non-human Humans" Society for the Social Study of Science (4S), Pasadena CA, October 22-24.
- 2003 Panel Organizer, "Culture's Open Sources" American Anthropological Association, Chicago Nov. 19-23. Paper: "Punt to Culture"
- 2003 "Punt to Culture: Software Tools and Legal Objects," British Association of Social Anthropologists Annual Meeting, Manchester, United Kingdom, July 14-24.
- 2001 "Can Humans Think?" Panel Technologies of the Human organized by Steven Collier and Andrew Lakoff, Washington D.C., American Anthropology Association Meetings, November 29.
- 2000 "Anthropology's Monsters, Fates of the Gift," paper presented at the 2000 AAA meetings, San Francisco, CA, Nov. 15-19, 2000
- 2000 "Property, Sovereignty and Programmed Language," 4S/EASST Joint meetings, Vienna, Austria, Sept. 27-30, 2000.
- 1998 Panel Organizer, "Technologies of Everyday Life: Distancing People and Populations", the American Anthropological Association, Philadelphia, PA, December, Paper: "Late Modern Health: Consumption, Information, Maintenance"
- 1998 "Turning Data into Information..." Paper presented at the 1998 Society for the Social Study of Science, Halifax, Nova Scotia, October 1998.
- 1997 "Corporations as Informants," presented at the American Anthropological Association, Washington D.C., November 1997.
- 1997 "The Whitehead Institute: a video portrait," presented at the Society for Literature and Science, Pittsburgh, PA, November 1997
- 1997 "The Lifestyle of Facts," presented at the Society for the Social Study of Science, Tucson, AZ, October 1997.

Workshops

- 2002 Connexions Open Content Licensing Workshop, Organizer, August 25-26, 2002, Rice University.
- 2001 Panel Organizer, Wizards of OS 2, October 11-13, Berlin Germany. Wizards of OS 2 (Panels: "Information Diversity" and "Politics of Treasure").
- 1998-9 Organizer, Sciences and Cultures Seminar, The Harvard Center for Literary and Cultural Studies, 1998-9

1996 Organizer, "Graft vs. Host: Cultural Studies of Technoscience," workshop at MIT, Spring 1996.



Languages

German

French