

G. Thomas Goodnight
 Annenberg School
 Comm 610 Spring 2016

COMMUNICATING BIOPOLITICS

Science, technology, networks and society are subjects of critical communication inquiry. Biopolitics focuses on power relationships in communicative assemblages and operations in the areas of health, medicine, environment, and security. This class identifies studies of communication controversies over research, development, dissemination and circulation of main and co-ordinate risks and uncertainties to entities, populations, and publics. The structure of the class: (1) present methods of inquiry for science network controversies (for agents, agencies, and operations), (2) identify constitutive strategies of public health politics, and (3) pursue critical theories of the biosocial private and state powers. Critique moves from conceptualization of biopower, through governmental interventions into life and death, to national and international conditions that police life and security. Global dimensions will be taken up through examining strategies of surveillance, quarantine, sovereignty and security. The course will end by exploring alternative futures of communication.

Texts: Most readings for the class are posted on Blackboard or are available through the USC library site. SUPPLEMENTS are listed in syllabus as per interest. Please obtain: Steven Johnston, *The Ghost Map: Tales of London's Most Terrifying Epidemic and How it Changed Science, Cities and the Modern World*, 2007. Kelly Happe, *The Material Gene: Gender, Race and Heredity after the Human Genome Project*, 2013. Lawrence O. Gostin, *Public Health Law: Power, Duty, Restraint*. 2nd ed. Berkeley: University of California Press 2008 (select chapters). Michel Foucault, *Security, Territory and Population*. New York: Picador.

Requirements: The course offers an interdisciplinary space for students interested in pursuing research projects related to health, medicine, environment, security, research and life measures through the study of public communication. Classes will feature lecture and discussion.

WIKI strategy: Two core readings per session will be identified from those listed on syllabus sessions; class members will take one additional reading each to report on and post one-page precise on our class WIKI. *The pace of reading will be adjusted to meet the opportunities and constraints of summer session schedule.*

WEB inquiries: Class will also feature exploration Science & the Internet as the class networks science blogs, organizations, portals designed to address varied biopublics. See for example: Bruno Latour's sight, Controversies.

RESEARCH design: A process of developing a convention length paper project will be identified toward the beginning of the course. Topics of health and medical practices of publicity, access, rights, restrictions, mobility and control are useful. A specific controversy, discussion, or debate and its assemblage, apparatus, and stakeholders is to be sketched.

Particulars: The course meets on Tuesday at 12:30. Course open to all graduate students interested in the topic. Goodnight's office is 206A ASC. His phone is 213-821-5384. gtg@usc.edu. The course will examine how to examine communication projects, vehicles, and apparatus that generate local, national and international controversies. Critical communication inquiry examines stakeholders, outliers, supporters and opponents of power structures. Such cultures sort, govern, supply, and leverage bio-material sovereign & social institutions. Course readings will be paced to semester schedule. Supplements are marked. Goodnight subscribes to Graduate School and university standards on class assignments. Goodnight directs dissertations in the area of rhetoric, communication and biopolitics—including works at USC on genetics, organ donation, post-traumatic stress, and autism.

TENTATIVE READING & RESOURCE OUTLINE. TOPICS AND READINGS TO RESEARCH INTERESTS AND PROJECTS.

1. Jan 12 Science Communication and Biopolitics – Introduction

Readings:

- John Marks. 2006. Biopolitics. *Theory, Culture and Society*. 23: 333-334
- Lytton K. Caldwell. 1964. Biopolitics: Science, ethics, and public policy. *Yale Review*. 1: 1-14.
- Jessica Baldwin-Philippis. 2011. Bringing science and technology studies to bear on communication studies research. *Communication Research Trends*. 30: 1-20.
- Alesandro Delfanti. 2011. Where is public communication of science going? *Journal of Science Communication*. 10: 1-2.
- Allesandro Delfanti .2010. Open science, a complex movement. *Journal of Science Communication*. 9: 1.
- Richard Watermeyer. 2010. Social network science: Pedagogy, dialogue, deliberation. *Journal of Science Communication*. 9: 1-4.
- Miguel Martinez Lopez. 2009. "Scientific mediation: On social processes, contexts, and networks in which scientists are embedded. *Journal of Science Communication*. 8: 1-5.

Supplements:

- Donald Kennedy. 2010. Science and the Media. In *Science and the Media*, D. Kennedy & G. Overholser (Eds.), Cambridge, MA: American Academy of Arts and Sciences, pp. 1-9.
- Michael F. Weigold. 2001. Communicating science: A review of the literature. *Science Communication*. 23: 164-188.

- Leah A. Lievrouw. 1990. Communication and the social representation of scientific knowledge. *Critical Studies in Mass Communication* 7: 1-10.
- Sarah R. Davies. 2008. Constructing communication: Talking to scientists about talking to the public. *Science Communication* 29: 413-434.

2. Jan 19 Public Engagement and the Democratizing of Science

Readings:

- Massimiano Bucchi, 2004, Can genetics help us rethink communication? Public communication of science as a 'double helix.' *New Genetics and Society*, 23, 269-284.
- Simon Joss. (1999). Public participation in science and technology policy- and decision-making -- Ephemeral phenomenon or lasting change. *Science and Public Policy* 26: 290-293.
- John Nelson et al. 2009. A new spin on research translation: The Boston Consensus Conference on Human Biomonitoring. *Environmental Health Perspectives*. 117: 495-499.
- Lisa Pytlik Zillig & Alan Tomkins 2011 Public engagement for informing science and technology policy -- What do we know, what do we need to know, and how will we get there. *Digital Commons@University of Nebraska-Lincoln*. Public Policy Center.
- Eva Lovbrand, Roger Pielke & Silke Beck. 2011. A democracy paradox in studies of science and technology. *Science, Technology & Human Values*. 1-23.
- Janet A. Curran et al. 2009. Knowledge translation research: The science of moving research into policy and practice. *Journal of Continuing Education in the Health Professions*. 3: 174-180.

Supplement:

- Patrick W. Hamlett. 2003. Technology theory and deliberative democracy. *Science, Technology & Human Values* 28: 112-140.
- Sheila Jasanoff, 2011, Constitutional Moments in Governing Science and Technology, *Science and Engineering Ethics*, 17, 621-638.
- Daniel Lee Kleinman et al. 2007. A toolkit for democratizing science and technology policy: The practical mechanics of organizing a consensus conference. *Bulletin of Science Technology Society* 27: 154-169.
- Anders Blok. 2007. Experts on public trial: On democratizing expertise through a Danish consensus conference. *Public Understanding of Science*. 16: 163-182.
- Julie Barnett et al. 2012. Imagined publics and engagement around renewable energy technologies in the UK. *Public Understanding of Science* 21: 36-50.

3. Jan 26 Lay Expertise, Citizen Science, and Network Controversy

Readings:

- Stephen Johnstone, The Ghost Map—selections.
- Bryan Wynne. 1992. Misunderstood misunderstanding: Social identities and the public uptake of science. *Public Understanding of Science* 1: 281-304.
- Alan Irwin 2001 "Constructing the scientific citizen: Science and democracy in the biosciences" *Public Understanding of Science*. 10: 1-17 -16 pages
- Christopher M. Kelty. 2010. Outlaw, hackers, and Victorian amateurs: Diagnosing public participation in the life sciences today. *Journal of Science Communication*. 9: 1-8.
- Inna Kouper. 2010. Science blogs and public engagement with science: Practices, challenges, and opportunities. *Journal of Science Communication* 9: 1-10.

Supplement:

- Marie Claire Shanahan 2010 Changing the meaning of peer-to-peer? Exploring online comment spaces as sites of negotiated expertise. *Journal of Science Communication* 9: 1-13.
- Adrian Pacurar. 2011. Science Communication, science journalism, and the new media. *Journalism si comunicare*. 6: 21-28.
- Nico Pitrelli. 2011. Science journalism and digital storytelling. *Journal of Science Communication* 10: 1.
- Piet Verhoeven. 2010. Sound-bite science: On the brevity of science and scientific experts in Western European Television News. *Science Communication*. 32: 330-355.
- Jon D. Miller. 2010. Civic Scientific Literacy: The Role of the Media in the Electronic Age. In *Science and the Media*, D. Kennedy & G. Overholser (Eds.), Cambridge, MA: American Academy of Arts and Sciences, pp. 44-63.
- Wade Bingle & P. James Gaskell. 1994. Scientific literacy for decision-making and the social construction of scientific knowledge. *Science Education*. 78: 185-2001.
- Holliman. 2011. Telling science stories in an evolving digital media ecosystem.
- Mathieu O'Neil. 2010. Shirky and Sanger, or the cost of crowdsourcing. *Journal of Science Communication*. 9: 1-7.
- Stodden 2010 Open Science: Policy implications for the evolving phenomenon of user-led scientific innovation.
- Mark Elam and Margareta Bertilsson, 2003. Consuming, Engaging, and Confronting Science: The Emerging Dimensions of Scientific Citizenship. *European Journal of Social Theory*, 6, 233-251.

4. Feb 2 What is Biopower?

- Michel Foucault, 1978, Right of death and power over life. *History of Sexuality* New York: Vintage Books 130-161.
- Michel Foucault. (March 17, 1976). *Society Must Be Defended: Lectures at the College de France*, David Macey, trans. 239-264.
- Michel Foucault. 2004. *Security, Territory and Population: Lectures at the College de France, 1977 – 1978*, New York: Peadar, 1-28.
- Paul Rabinow & Nikolas Rose. 2006. Biopower Today. *Biosocieties*. 1: 195-217.
- Ian Hacking. 1992. Biopower and the avalanche of printed numbers. *Humanities in Society*. 5: 279-295.
- Nikolas Rose. 2001. The politics of life itself. *Theory, Culture & Society*. 18: 2-31.

Supplement:

- Michel Foucault, 1977, The politics of health in the eighteenth century. From: *Power/Knowledge: Selected Interviews and Other Writings, 1972-1977*, trans. Alan Sheridan-Smith. Random House.

5. Feb 9 Governmentality

- Michel Foucault, "Governmentality" *Power*, 200-222.
- Michel Foucault, Lectures 4 & 5. *Security, Territory and Population*, 87-134.
- Nikolas Rose, Pat O'Malley, & Mariana Valverde. 2006. Governmentality. *Annual Review of Law and Social Science* 2: 83-104.
- Stephen Collier. 2009. Topologies of power: Foucault's analysis of political government beyond 'governmentality'. *Theory, Culture and Society* 26: 18-108.

- Davi Johnson Thornton, 2010, Race, Risk, and Pathology in Psychiatric Culture: Disease Awareness Campaigns as Governmental Rhetoric, *Critical Studies in Media Communication*, 27, 311-335.
- Steve Rayner, 2007. The rise of risk and the decline of politics. *Environmental Hazards*, 7, 165-172.
- Christine Russell. 2010. Covering Controversial Science: Improving Reporting on Science and Public Policy. In *Science and the Media*, D. Kennedy & G. Overholser (Eds.), Cambridge, MA: American Academy of Arts and Sciences, pp. 13-43.

Supplement

- Carl Death, 2011. Summit Theatre: Exemplary Governmentality and Summit Diplomacy in Johannesburg and Copenhagen. *Environmental Politics*, 20(1), 1-19.
- Thomas Lemke. 2001. 'The birth of bio-politics': Michel Foucault's lecture at the College de France on neo-liberal governmentality. *Economy and Society* 30: 190-207.
- Paul Henman & Michael Adler. 2003. Information technology and the governance of social security. *Critical Studies in Policy* 23: 139-164.
- Evelyn Fox Keller. 1995. Fractured images of science, language, and power – A Post-Modern Optic, or just bad eyesight? In Vandana Shiva & Ingun Moser (Eds.) *Biopolitics: A Feminist and Ecological Reader on Biotechnology*: London: Zed Books, 52-69.
- Engne F. Isin. 2004. The neurotic citizen. *Citizenship Studies*, 8, 217-235.

6. Feb 16 Biomedicalization and Globalized Reflexive Modernity

Readings:

- Peta S. Cook, Gavin Kendall, Mike Michael, and Nik Brown, 2011, The textures of globalization: Biopolitics and the closure of xenotourism, *New Genetics & Society*, 30, 101-114.
- Graham Scambler. 1998. "Theorizing modernity: Luhmann, Habermas, Elias, and new perspectives on health and healing. *Critical Public Health* 8: 237-244.
- Adele E. Clarke et al. 2003. Biomedicalization: Technoscientific transformations of health, illness, and US biomedicine. *American Sociological Review* 63: 161-194.
- Sarah Nettleton & Rober Burrows. 2003. E-scaped medicine? Information, reflexivity, and health. *Critical Social Policy* 23: 165-185.
- Mark Harrington. 2008. IDS activists and people with AIDS: A movement to revolutionize research and for universal access to treatment. In Bosa and Phil (Eds.). *Tactical Biopolitics*. MIT: 323-340.
- Charles Briggs & Daniel Hallin. 2010. Health reporting as political reporting: Biocommunicability and the public sphere. *Journalism* 11:149-165.

Supplement:

- Robert Castel. 1991. From Dangerousness to Risk. In G. Burchell, C. Gordon, & P. Miller (eds.), *The Foucault effect: Studies in governmentality*, Chicago: University of Chicago Press, pp. 281-298.
- Anthony Giddens, 2000. Risk, in *Runaway World: How Globalization is Reshaping Our Lives*, New York: Routledge, pp. 38-52.
- Charles Briggs & Daniel Hallin. 2007. Biocommunicability: The neoliberal subject and its contradictions in news coverage of health issues. *Social Text* 25: 43-66.
- Stephen Lyng. 2010. Reflexive biomedicalization and alternative healing systems. *Bioethical Inquiry* 7: 53-69.
- Ed Cohen. 2008. Immune communities, common immunities. *Social Text* 26: 95-134.
- Gwen D'Arcangelis. 2008. Chinese chickens, ducks, pigs, and humans, and the technoscientific discourses of global U.S. empire. *Tactical Biopolitics*. MIT: 421-442.

- E. Gabriella Coleman. 2008. The politics of rationality: Psychiatric survivor's challenge to psychiatry. *Tactical Biopolitics*. MIT: 341-363.
- Nancy Meyer-Emerick. 2007. Public administration and the life sciences: Revisiting biopolitics. *Administration and Society* 38: 689-708.

7. Feb 23 Police Powers & the State

- Gary L. Kreps & Edward W. Maibach, 2008, Transdisciplinary Science: The Nexus Between Communication and Public Health, *Journal of Communication*, 58, 732-748.
- A theory and definition of public health law. Gostin, 3-42.
- Public health regulation. Gostin 28-72.
- Public health law in the Constitutional design: Public health powers and duties. Gostin, 77-108.
- Constitutional limits on the exercise of public health powers: Safeguarding individual rights and freedoms. Gostin, 112-146.
- Public health governance: Direct regulation for the public's health and safety. Gostin, 147-180.

8. Mrc 1 Populations, Gender, Race & Genomic Politics

- Kelley Happe, *The Material Gene: Gender, Race & Heredity*
- Marina Levina. 2010. "Googling your genes: Personal genomics and the discourse of citizen bioscience in the network age. *Journal of Science Communication* 9: 1-8.
- Marina Levina & Roswell Quinn. 2011. From symptomatic to pre-symptomatic patient: The tide of personal genomics. *Journal of Science Communication* 10: 1-4.

Supplement

- Nikolas Rose. 2001. The neurochemical self and its anomalies. In R. Ericson (Ed) *Risk and Morality*. Toronto: University of Toronto Press: 407-437.
- Sujatha Raman & Richard Tutton. 2010. Life, science, and biopower. *Science, Technology and Human Values* 35: 711-724.
- Richard Milne, 2012, Pharmaceutical Prospects: Biopharming and the Geography of Technological Expectations, *Social Studies of Science*, 42, 1-17
- Martyn Pickersgill. 2011. Connecting neuroscience and law: Anticipatory discourse and the role of sociotechnical imaginaries, *New Genetics & Society*, 30, 27-40.
- Gilles Deleuze/ Félix Guattari, 1980, Micropolitics and Segmentarity, *A thousand plateaus*, Minneapolis: The University of Minnesota Press, 1987, pp. 208-231
- MJ Flower & D Heath. 1993. Micro-anatomical politics: Mapping the human genome project. *Culture of Medical Psychiatry* 17: 27-41.
- Paul Rabinow. 2010. Artificiality and enlightenment: From sociobiology to biosociality. In J. X. Inda (Ed.). *Anthropologies of Modernity*. Blackwell: 91-111.
- Mariana Valverde. 2003. Targeted governance and the problem of desire. In *Risk and Morality*, 438-458.
- R. D. Masters. 2001. Biology and politics: Linking nature and nurture. *Annual Review of Political Science* 4: 345-369.

9. Mrc 8 Post-Modern Spectacles of Risk and Trust

Reading:

- Leah Ceccarelli. 2011. Manufactured Controversy: Science, Rhetoric and Public Debate. *Rhetoric and Public Affairs* 14: 195-228.
- Rick E. Borchelt, Lynne T. Friedmann, & Earle Holland. 2010. Managing the Trust Portfolio: Science public relations and social responsibility. In *Science and the Media*, D. Kennedy & G. Overholser (Eds.), Cambridge, MA: American Academy of Arts and Sciences, pp. 64-70.
- Paul Brewer & Barbara Ley. 2011. Multiple exposures: Scientific controversy, the media, and public responses to nispheol A. *Science Communication* 33: 76-97.
- Gordon Gauchet. 2011. The cultural authority of science: Public trust and the acceptance of organized science. *Public Understanding of Science* 20: 251-270.
- Jamie K. Wardman, 2008. The constitution of risk communication in Advanced Liberal Societies, *Risk Analysis*, 28, 1619-1637.
- Stephen R. Bates, Wendy Faulkner, Sarah Parry, and Sarah Cunningham-Burley. 2010. 'How do we know it's not been done yet?!' Trust, trust building and regulation in stem cell research. *Science and Public Policy*, 37, 703-718.
- Alex Law. 2008. The Elixir of social trust: Social capital and cultures of challenge in health movements. In *Trust and Health*, 175-183.
- Corry, Olaf. 2012. Securitisation and 'Riskification': Second-order Security and the Politics of Climate Change. *Millenium – Journal of International Studies*, 40, 235-258.

Supplement:

- Rolf Lidskog, 1996. In science we trust? On the relation between scientific knowledge, risk consciousness and public trust. *Acta Sociologica*, 39, 31-56.
- Julie Brownlie. 2008. Conceptualizing trust and health. In Brownlie, Greene and Howson (Eds.) *Trust and Health*. Routledge: 17-32.
- H. Parr & J. Davidson 2008 'Virtual trust' – Online emotional intimacies in mental health support. In *Trust and Health* [missing].
- Alex Bielak et al. 2008. From science communication to knowledge brokering: The shift from 'science push' to 'policy pull. D. Cheng et al. (eds.) *Communicating Science in Social Contexts*. Springer: 201-226.
- Lynn Frewer. 1999. Risk perception, social trust, and public participation in strategic decision-making: Implications for emerging technologies. *Ambio*. 28:569-574.
- GOSTIN – Concluding Reflections on the Field: (legitimacy, money, trust) 491-496.
- Niklas Luhmann, 1993, The Concept of Risk, in *Risk: A Sociological Theory* (Aldine Transaction, 2005), 1 – 32.

10. Mrc 15 Communication Control Societies

Reading:

- Gilles Deleuze. 1992. Postscript on the societies of control. October 59: 3-7.
- Gilles Deleuze in conversation with Antonio Negri. Control and becoming. *Futur Anterieur* 1. www.generation-online.org/p/fdeleuze3.htm/
- Jia Lu Cheng. 2008. On control societies: A deleuzian postscript. *The Unthinkable*. Taiwan: Institute of Ethnology.

- Ludwig A. Pongratz, 2011, Controlled Freedom: The Formation of the Control Society, *Journal of Pedagogy / Pedagogicky Casopsis*, 2, 161-172.
- Yurij Castelfranchi. 2009. Control societies and the crisis of science journalism. *Journal of Science Communication* 8: 1-3.
- Ronald Walter Greene, 2009, Rhetorical Materialism: The Rhetorical Subject and the General Intellect, in *Rhetoric, Materiality, & Politics*, B. A. Biesecker & J. L. Lucaites (Eds.), New York: Peter Lang, pp. 43-66.

Supplement:

- Michel Foucault. 2009. Alternatives to the prison: Dissemination or decline of social control. *Theory, Culture & Society* 26: 12-24.
- Couze Venn. 2007. Cultural theory, biopolitics, and the question of power. *Theory, Culture and Society* 24: 111-124.
- Critical Art Ensemble. 2008. Bioparanoia and the culture of control. In de Costa and Philip (Eds.). *Tactical Biopolitics: Art, Activism and Bioscience*. MIT Press: 413-427.
- Jonathan King. 2008. How do we insure security from biological threats? In *Tactical Biopolitics* 401-412.
- Helfa Tawil-Souri. 2011. Colored identity: The politics and materiality of ID cards in Palestine/Israel. *Social Text* 29: 67-97.
- Jordan J. Titus, 2010, Ascribing monstrosity: Judicial categorization of a juvenile sex offender, *International Journal of Speech, Language, & the Law*, 17, 1-23.

11. Mrc 22 Biopolitical Incarceration & Surveillance

- Mark J. Shapiro 2005 Every move you make: Bodies, surveillance, and media. *Social Text* 23: 21-34.
- Barbara Prainsack and Victor Toom. 2010. The Prüm Regime: Situated Dis/Empowerment in Transnational DNA Profile Exchange. *British Journal of Criminology*, 50, 1117-1135.
- Susanne Bauer & Jan Eric Olsen. 2009. Observing the Others, Watching Over Oneself: Themes of Medical Surveillance in Society, *Surveillance & Society*, 6, 116-127.
- Kelly A. Gates. 2005. Biometrics and post-9/11 technostalgia. *Social Text* 23: 35-53
- John Gilliom. 2005. Resisting surveillance. *Social Text* 23: 71-83.
- GOSTIN – Surveillance and public health research: Personal privacy and the ‘Right to Know’ 287-332.
- Hamilton Bean, 2009, Foucault's Rhetorical Theory and U.S. Intelligence Affairs, *Poroi: Issues in the Rhetoric of Science and Technology*, 6, 15-32

Supplement

- Huseyin Kose, Turgay Han, & Ugur Bakan, 2010. The changing nature of communication and surveillance phenomena at synopticon stage. *Journal of Alternative Perspectives in the Social Sciences*, 2, 2523-2549.
- Deborah Lupton, 2011, M-Health and Health Promotion: The Digital Cyborg and Surveillance Society. [Unpublished Manuscript under review at *Social Theory & Health*].
- Lee Humphreys, 2011. Who's Watching Whom? A Study of Interactive Technology and Surveillance, *Journal of Communication*, 61, 575-595.
- Christian Fuchs, 2011. Teaching and Learning Guide for: New Media, Web 2.0, and Surveillance, *Sociology Compass* 5/6, 480-487.
- Blihaj Ajana. 2005. Surveillance and biopolitics. *Electronic Journal of Sociology*.
- Adam Brenthel 2009. The Scientific Gaze: Developing a theory for the analysis of natural scientific perception. *Konst, Kultur, Kommunikation*.

12. Mrc 29 Biopower without Borders: Biothreats and Biosecurity

Jeremy Youde, 2010, Introduction, *Biopolitical Surveillance & Public Health in International Politics*, New York: Palgrave, pp. 1-14.

Ed Cohen. 2011. The paradoxical politics of viral containment; or, how scale undoes us one and al. *Social Text* 29: 15-35.

Andrew Lakoff, 2008. The generic biothreat, or, how we became unprepared. *Cultural Anthropology*, 23, 399-428.

Leerom Medovi. 2007. Global society must be defended: Biopolitics without boundaries. *Social Text* 25: 53-79.

Nicholas B. King. 2002. Security, Disease, Commerce: Ideologies of Postcolonial global health. *Social Studies of Science*, 32, 763-789.

GOSTIN – Medical Countermeasures for Epidemic Disease: Bodily Integrity, 371-410

GOSTIN – Public Health Strategies for Epidemic Disease: Association, Travel, and Liberty, 421-490.

Supplement

Lyle Fearnley, 2010. Epidemic Intelligence: Langmuir and the Birth of Disease Surveillance. *Behemoth: A Journal on Civilization*, 19, 36-56.

APRIL 7. Affect and the Biopolitical Paradox of Sovereignty & Mobility

Readings:

B. Anderson. 2011. Affect and biopower: Towards a politics of life. *Transactions of the Institute of British Geographers* 37: 28-43.

Carl Schmitt. 1934. "Definition of sovereignty," "The problem of sovereignty as the problem of the Legal form of the decision," *Political Theology, Four Chapters on the Concept of Sovereignty*, George Schwab (trans.). Chicago: University of Chicago Press, 2005.

Giorgio Agamben – paradox of sovereignty, the camp as the biopolitical paradigm of the modern, *Homo Sacer: Sovereign Power and Bare Life*.

J. Edkins. 2007. Whatever Politics. In M. Calarco and S. Decaroli (Eds.) *Giorgio Agamben: Sovereignty and Life*. Stanford: Stanford University Press. pp. 70-91.

Supplement

Roberto Esposito, 2008, The Paradigm of Immunization, *Bios: Biopolitics and Philosophy*, T. Campbell (Trans.), Minneapolis, MN: University of Minnesota Press, pp. 45-77.

Catherine Chaput. 2010. Rhetorical circulation in late capitalism: Neoliberalism and the overdetermination of affective energy. *Philosophy and Rhetoric* 43: 1-25.

Sakari Tamminen & Nik Brown, 2011, *Nativitas: Capitalizing genetic nationhood*, *New Genetics & Society*, 30, 73-99.

APRIL 14. The State of Exception and Beyond

Giorgio Agamben. 2000. *State of Exception*. Kevin Attell, trans. [Chapter 1]

Andrew Norris, 2005, The Exemplary Exception: Philosophical and Political Decisions in Giorgio Agamben's *Homo Sacer*, in *Politics, Metaphysics, and Death: Essays on Giorgio Agamben's Homo Sacer*, A. Norris (Ed.), pp. 262-283.

Paul Hegarty, 2005. Supposing the Impossibility of Silence and of Sound, of Voice, in *Politics, Metaphysics, and Death: Essays on Giorgio Agamben's Homo Sacer*, A. Norris (Ed.), pp. 222-247.

- Erik Doxtader 2008 , The [Rhetorical] Question of Exception, for Now, *Rhetorical and Critical/Cultural Studies* 5: 212-217.
- William Rasch. 2007. From Sovereign Ban to Banning Sovereignty. In Mathew Clarco and Steven DeCaroli (Eds.). *Georgio Agamben: Sovereignty and Life*.
- Agnes Heller. 1996. Has biopolitics changed the concept of the political? In Ferene Fehrer and Agnes Heller *Biopolitics: The Politics of the Body, Race and Nature*.
- David Macey. 2009. Rethinking biopolitics, race, and power in the wake of Foucault. *Theory, Culture and Society* 26: 186-205.
- Nik Brown, 2009. Beasting the Embryo: The Metrics of Humanness in the Transpecies Embryo Debate. *BioSocieties*, 4, 147-163.
- Ernesto Schwartz Marin, 2011, Postcolonial biopolitics: Explorations between thanatopolitics and biological citizenship, in *Genomic Sovereignty and the "Mexican Genome": An Ethnography of Postcolonial Biopolitics* [Dissertation], pp. 35-42.

Supplement

- Solomon 2009 "The Proactive Echo: Cassirer's Myth of the State and the biopolitics of global English" *Translation Studies* 2: 52-70
- Nathaniel Cordova. 2008. The Incomplete subject of colonial memory: Puerto Rico and the post/colonial biopolitics of congressional recollection. *The Communication Review* 11: 42-75.

APRIL 21. Refugee: From Biopolitics to Necropolitics

- J. A. Mbembe and Libby Meintjes. 2003. Necropolitics. *Public Culture* 15: 11-40.
- Ewa Charkiewicz, 2009, A feminist critique of the climate change discourse: From biopolitics to necropolitics? *Climate Chnage Coalition/DFG Dossier on Current Climate Change Policies*, 1-10.
- Caren Kaplan. 2009. The biopolitics of technoculture in the Mumbai attacks. *Theory, Culture & Society* 22: 301-313.
- Lauren L. Martin. 2010. Bombs, bodies, and biopolitics: Securitized the subject at the airport security checkpoint. *Social Cultural Geography* 11: 1-15.
- Katherine McLean, 2011, The biopolitics of needle exchange in the United States, *Critical Public Health*, 21, 71-79.
- Svati P. Shah, 2008, Fear, Sexuality, and the Future: Thinking Sex (Panic), Monstrosity, and Prostitution. *Sarai Reader 08: Fear*, 142-148.

Supplement

- Malcolm Bull. 2007. Vectors of the Biopolitical. *New Left Review* 7- 25.
- David Harvey. 1999. The body politic: Anatomy of a metaphor. *Contemporary Review* 275: 85-93.
- Michael Dillon & Luis Lobo-Guerrero. 2008. Biopolitics of security in the 21st century. *Review of International Studies* 34: 265-292.

APRIL 25 Cyborgs, Post-Human, and Companion Species

- Paul Rabinow, 1999. Life as we know it, *French DNA: Trouble in Purgatory*, Chicago: University of Chicago Press, pp. 7-23.
- Donna J. Haraway, 1991. A Cyborg Manifesto: Science, Technology, and Socialist-Feminism in the Late Twentieth Century. *Simians, Cyborgs, and Women: The Reinvention of Nature*. New York: Routledge, pp. 149-181.
- N. Katherine Hayles, 2006, Unfinished Work: From Cyborg to Cognisphere. *Theory, Culture, & Society*, 23, 159-166.

Jurgen Habermas. 2003. *The Future of Human Nature*. Polity Press. Selections

Francis Fukuyama 2002 What to do? *Our Posthuman Future*, New York: Picador 2002, 181-202

Richard Hayes. 2007. Our biopolitical future: Four scenarios. *Worldwatch 20* (Center for Genetics and Technology), pp. 1-14.

Supplement

Donna J. Haraway, 1991. The Biopolitics of Postmodern Bodies: Constitutions of Self in Immune System Discourse. *Simians, Cyborgs, and Women: The Reinvention of Nature*. New York: Routledge, pp. 203-230.

Ian Hacking, 2012. Interviewed by Andrew Lakoff. *Public Culture*, 24, 217-232.