

Cyborgs And Citadels Anthropological Interventions In Emerging Sciences And Technologies School For Advanced Research Advanced Seminar Series

Nature, Culture and Society
 Breast Cancer Genes and the Gendering of Knowledge
 The Palgrave Handbook of the Anthropology of Technology
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 A Companion to the Anthropology of the Body and Embodiment
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 Silicon Second Nature
 Anthropological Futures
 Imagining the Fetus the Unborn in Myth, Religion, and Culture
 An Anthropology of Biomedicine
 The Anthropology of the Fetus
 Human No More
 The Enlightenment Cyborg
 Introducing Medical Anthropology
 Environmentalism, Ethical Trade, and Commodification
 A Reader in Medical Anthropology
 New Technologies at Work
 Blending Spaces

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MOHAMMED JAMARI

Nature, Culture and Society Berghahn Books

A Reader in Medical Anthropology: Theoretical Trajectories, Emergent Realities brings together articles from the key theoretical approaches in the field of medical anthropology as well as related science and technology studies. The editors' comprehensive introductions evaluate the historical lineages of these approaches and their value in addressing critical problems associated with contemporary forms of illness experience and health care. Presents a key selection of both classic and new agenda-setting articles in medical anthropology Provides analytic and historical contextual introductions by leading figures in medical anthropology, medical sociology, and science and technology studies Critically reviews the contribution of medical anthropology to a new global health movement that is reshaping international health agendas

Breast Cancer Genes and the Gendering of Knowledge Routledge

A Companion to the Anthropology of the Body and Embodiment offers original essays that examine historical and contemporary approaches to conceptualizations of the body. In this ground-breaking work on the body and embodiment, the latest scholarship from anthropology and related social science fields is presented, providing new insights on body politics and the experience of the body Original chapters cover historical and contemporary approaches and highlight new research frameworks Reflects the increasing importance of embodiment and its ethnographic contexts within anthropology Highlights the increasing emphasis on examining the production of scientific, technological, and medical expertise in studying bodies and embodiment

The Palgrave Handbook of the Anthropology of Technology University Press of Colorado

In *Anthropological Futures*, Michael M. J. Fischer explores the uses of anthropology as a mode of philosophical inquiry, an evolving academic discipline, and a means for explicating the complex and shifting interweaving of human bonds and social interactions on a global level. Through linked essays, which are both speculative and experimental, Fischer seeks to break new ground for anthropology by illuminating the field's broad analytical capacity and its attentiveness to emergent cultural systems. Fischer is particularly concerned with cultural anthropology's interactions with science studies, and throughout the book he investigates how emerging knowledge formations in molecular biology, environmental studies, computer science, and bioengineering are transforming some of anthropology's key concepts including nature, culture, personhood, and the body. In an essay on culture, he uses the science studies paradigm of "experimental systems" to consider how the social scientific notion of culture has evolved as an analytical tool since the nineteenth century. Charting anthropology's role in understanding and analyzing the production of knowledge within the sciences since the 1990s, he highlights anthropology's aptitude for tracing the transnational collaborations and multisited networks that constitute contemporary scientific practice. Fischer investigates changing ideas about cultural inscription on the human body in a world where genetic engineering, robotics, and cybernetics are constantly redefining our understanding of biology. In the final essay, Fischer turns to Kant's philosophical anthropology to reassess the object of study for contemporary anthropology and to reassert the field's primacy for answering the largest questions about human beings, societies, culture, and our interactions with the world around us. In *Anthropological Futures*, Fischer continues to advance what Clifford Geertz, in reviewing Fischer's earlier book *Emergent Forms of Life and the Anthropological Voice*, called "a broad new agenda for cultural description and political critique."

Science and Technology in a Multicultural World Routledge

Information and communication technologies have completely revolutionized our working practices. Career patterns, professional identities, speed of communication, time management, and mobility have been irrevocably changed in an amazingly short period. Drawing on worldwide case studies, this fascinating book explores these transformations and looks to what developments are in store for us in the future. Flexible hours, email, virtual meetings rooms, and working from home are all relatively new additions to our professional lives. The effects of these technological advances have been dramatic and far-reaching. Not only have they helped to connect organizations and institutions in developing countries to the rest of the world, but they also allow people to maintain extensive geographical networks with friends, families, and colleagues. The use of virtual reality and multimedia has had a huge impact on careers ranging from investment banking to molecular biology, and has brought fundamental changes to education and training, the generation of new ideas, and problem solving. This book investigates both the impact of information technology on working practices and, more complexly, how I.T. is bound up in social, political, and economic issues. How are power relations established and maintained through transnational networking? Can the Internet be used as a political tool to manipulate the masses? In what ways has digital technology changed the aesthetics and practices of the Euro-American dance world? What initiatives have been undertaken to ensure people aren't excluded from the digital world and have they succeeded? Through answering these and many more questions, this groundbreaking book is an essential guide to the modern day world.

Figurations Princeton University Press

Lively Capital is an urgent and important collection of essays addressing the reconfigured relations between the life sciences and the market. Exploring the ground where social and cultural anthropology intersect with science and technology studies, prominent scholars investigate the relationship of biotechnology to ethics, governance, and markets, as well as the new legal, social, cultural, and institutional mechanisms emerging to regulate biotechnology. The contributors examine genomics, pharmaceutical marketing, intellectual property, environmental science, clinical trials, patient advocacy, and other such matters as they are playing out in North and South America, Europe, Africa, and Asia. *Lively Capital* is not only about the commercialization of the life sciences, but their institutional histories, epistemic formations, and systems of valuation. It is also about the lively affects—the emotions and desires—involved when technologies and research impinge on experiences of embodiment, kinship, identity, disability, citizenship, accumulation, and dispossession. At stake in the commodification of the life sciences are opportunities to intervene in and adjudicate matters of health, life, and death. Contributors. Timothy Choy, Joseph Dumit, Michael M. J. Fischer, Kim Fortun, Mike Fortun, Donna Haraway, Sheila Jasanoff, Wen-Hua Kuo, Andrew Lakoff, Kristin Peterson, Chloe Silverman, Elta Smith, Kaushik Sunder Rajan, Travis J. Tanner

Lineages and Advancements in Material Culture Studies Cambridge University Press

On the basis of empirical studies, this book explores nature as an integral part of the social worlds conventionally studied by anthropologists. The book may be read as a form of scholarly "edgework," resisting institutional divisions and conceptual routines in the interest of exploring new modalities of anthropological knowledge making. The present interest in the natural world is partly a response to large-scale natural disasters and global climate change, and to a keen sense that nature matters matters to society at many levels, ranging from the microbiological and genetic framing of reproduction, over co-species development, to macro-ecological changes of weather and climate. Given that the human footprint is now conspicuous across the entire globe, in the oceans as well as in the atmosphere, it is difficult to claim that nature is what is given and permanent, while people

and societies are ephemeral and simply derivative features. This implies that society matters to nature, and some natural scientists look towards the social sciences for an understanding of how people think and how societies work. The book thus opens up a space for new forms of reflection on how natures and societies are generated.

University of Toronto Press

Silicon Second Nature takes us on an expedition into an extraordinary world where nature is made of bits and bytes and life is born from sequences of zeroes and ones. Artificial Life is the brainchild of scientists who view self-replicating computer programs—such as computer viruses—as new forms of life. Anthropologist Stefan Helmreich's look at the social and simulated worlds of Artificial Life—primarily at the Santa Fe Institute, a well-known center for studies in the sciences of complexity—introduces readers to the people and programs connected with this unusual hybrid of computer science and biology. When biology becomes an information science, when DNA is downloaded into virtual reality, new ways of imagining "life" become possible. Through detailed dissections of the artifacts of Artificial Life, Helmreich explores how these novel visions of life are recombining with the most traditional tales told by Western culture. Because Artificial Life scientists tend to see themselves as masculine gods of their cyberspace creations, as digital Darwins exploring frontiers filled with primitive creatures, their programs reflect prevalent representations of gender, kinship, and race, and repeat origin stories most familiar from mythical and religious narratives. But Artificial Life does not, Helmreich says, simply reproduce old stories in new software. Much like contemporary activities of cloning, cryonics, and transgenics, the practice of simulating and synthesizing life in silico challenges and multiplies the very definition of vitality. Are these models, as some would claim, actually another form of the real thing? *Silicon Second Nature* takes Artificial Life as a symptom and source of our mutating visions of life itself.

A Companion to the Anthropology of Environmental Health UNM Press

By showing us the human brain at work, PET (positron emission tomography) scans are subtly—and sometimes not so subtly—transforming how we think about our minds. *Picturing Personhood* follows this remarkable and expensive technology from the laboratory into the world and back. It examines how PET scans are created and how they are being called on to answer myriad questions with far-reaching implications: Is depression an observable brain disease? Are criminals insane? Do men and women think differently? Is rationality a function of the brain? Based on interviews, media analysis, and participant observation at research labs and conferences, Joseph Dumit analyzes how assumptions designed into and read out of the experimental process reinforce specific notions about human nature. Such assumptions can enter the process at any turn, from selecting subjects and mathematical models to deciding which images to publish and how to color them. Once they leave the laboratory, PET scans shape social debates, influence courtroom outcomes, and have positive and negative consequences for people suffering mental illness. Dumit follows this complex story, demonstrating how brain scans, as scientific objects, contribute to our increasing social dependence on scientific authority. The first book to examine the cultural ramifications of brain-imaging technology, *Picturing Personhood* is an unprecedented study that will influence both cultural studies and the growing field of science and technology studies.

A Companion to the Anthropology of Politics Duke University Press

The authors provide a contemporary perspective on the status of qualitative research in gerontology. The second edition examines recent trends in the application of qualitative methodologies and the emergence of new qualitative techniques such as focus groups, studies of personal histories, and the use of photography. Chapters include discussions of critical and feminist perspectives, practice issues, ethical issues, and the contribution of qualitative research to the progress of science.

Anthropology and Science John Wiley & Sons

Introducing Medical Anthropology, Third Edition, is intended for use in the medical anthropology course taught primarily at four year universities.

Cyborg Theology Feminist Press at CUNY

A special section titled "Corridor Talk" offers essential and hard-to-find advice on careers, publication opportunities, and grant writing for scholars of emerging sciences, technologies, and medicines.

Cyborg Babies Routledge

Turning an anthropological eye toward cyberspace, *Human No More* explores how conditions of the online world shape identity, place, culture, and death within virtual communities. Online worlds have recently thrown into question the traditional anthropological conception of place-based ethnography. They break definitions, blur distinctions, and force us to rethink the notion of the "subject." *Human No More* asks how digital cultures can be integrated and how the ethnography of both the "unhuman" and the "digital" could lead to possible reconfiguring the notion of the "human." This provocative and groundbreaking work challenges fundamental assumptions about the entire field of anthropology. Cross-disciplinary research from well-respected contributors makes this volume vital to the understanding of contemporary human interaction. It will be of interest not only to anthropologists but also to students and scholars of media, communication, popular culture, identity, and technology.

Deleuzian Intersections Duke University Press

This new approach to the study of multiculturalism focuses on its applications to science and technology. It explores new studies that describe the role of culture and power in the making of theories, facts and machines.

Anthropology and Nature Peter Lang

In contemporary Western culture, the word "fetus" introduces either a political subject or a literal,

medicalized entity. Neither of these frameworks does justice to the vast array of religious literature and oral traditions from cultures around the world in which the fetus emerges as a powerful symbol or metaphor. This volume presents essays that explore the depiction of the fetus in the world's major religious traditions, finding some striking commonalities as well as intriguing differences. Among the themes that emerge is the tendency to conceive of the fetus as somehow independent of the mother's body -- as in the case of the Buddha, who is described as inhabiting a palace while gestating in the womb. On the other hand, the fetus can also symbolically represent profound human needs and emotions, such as the universal experience of vulnerability. The authors note how the advent of the fetal sonogram has transformed how people everywhere imagine the unborn today, giving rise to a narrow range of decidedly literal questions about personhood, gender, and disability.

Emergent Forms of Life and the Anthropological Voice Rowman & Littlefield

An Anthropology of Biomedicine is an exciting new introduction to biomedicine and its global implications. Focusing on the ways in which the application of biomedical technologies bring about radical changes to societies at large, cultural anthropologist Margaret Lock and her co-author physician and medical anthropologist Vinh-Kim Nguyen develop and integrate the thesis that the human body in health and illness is the elusive product of nature and culture that refuses to be pinned down. Introduces biomedicine from an anthropological perspective, exploring the entanglement of material bodies with history, environment, culture, and politics Develops and integrates an original theory: that the human body in health and illness is not an ontological given but a moveable, malleable entity Makes extensive use of historical and contemporary ethnographic materials around the globe to illustrate the importance of this methodological approach Integrates key new research data with more classical material, covering the management of epidemics, famines, fertility and birth, by military doctors from colonial times on Uses numerous case studies to illustrate concepts such as the global commodification of human bodies and body parts, modern forms of population, and the extension of biomedical technologies into domestic and intimate domains Winner of the 2010 Prose Award for Archaeology and Anthropology

Anthropological Perspectives on Technology University of Washington Press

Research into 'colonial' or 'imperial' medicine has made considerable progress in recent years, whilst the study of what is usually referred to as 'indigenous' or 'folk' medicine in colonized societies has received much less attention. This book redresses the balance by bringing together current critical research into medical pluralism during the last two centuries. It includes a rich selection of historical, anthropological and sociological case-studies that cover many different parts of the globe, ranging from New Zealand to Africa, China, South Asia, Europe and the USA.

Culturing Bioscience Columbia University Press

This volume comprises a curated conversation between members of the Material Culture Section of University College London Anthropology. In laying out the state of play in the field, it challenges how the anthropology of material culture is being done and argues for new directions of enquiry and new methods of investigation. The contributors consider the ramifications of specific research methods and explore new methodological frameworks to address areas of human experience that require a new analytical approach. The case studies draw from a range of contexts, including digital objects, infrastructure, data, extraterrestriality, ethnographic curation, and medical materiality. They include timely reappraisals of now-classical analytical models that have shaped the way we understand the object, the discipline, knowledge formation, and the artefact.

Situated Intervention Duke University Press

The book examines the social and cultural context of new genetic knowledge associated with breast cancer. It looks at how this knowledge and technologies are used and received in two contrasting social arenas - cancer genetic clinics and a breast cancer research charity.

An Anthropology of Biomedicine Bloomsbury Publishing

In this fully revised and updated second edition of *An Anthropology of Biomedicine*, authors Lock and Nguyen introduce biomedicine from an anthropological perspective, exploring the entanglement of material bodies with history, environment, culture, and politics. Drawing on historical and ethnographic work, the book critiques the assumption made by the biological sciences of a universal human body that can be uniformly standardized. It focuses on the ways in which the application of biomedical technologies brings about radical changes to societies at large based on socioeconomic inequalities and ethical disputes, and develops and integrates the theory that the human body in health and illness is not an ontological given but a moveable, malleable entity. This second edition includes new chapters on: microbiology and the microbiome; global health; and, the self as a socio-technical system. In addition, all chapters have been comprehensively revised to take account of developments from within this fast-paced field, in the intervening years between publications. References and figures have also been updated throughout. This highly-regarded and award-winning textbook (Winner of the 2010 Prose Award for Archaeology and Anthropology) retains the character and features of the previous edition. Its coverage remains broad, including discussion of: biomedical technologies in practice; anthropologies of medicine; biology and human experiments; infertility and assisted reproduction; genomics, epigenomics, and uncertain futures; and molecularizing racial difference, ensuring it remains the essential text for students of anthropology, medical anthropology as well as public and global health.

Cyborgs & Citadels Routledge

Provides recognition that anthropology and archaeology offer diverse perspectives for studying technology in virtually all human societies—from prehistoric painting to the industrial age.

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