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Titolo	Ethical Evidence and Policymaking : Interdisciplinary and International Research // ed. by Ron Iphofen, Dónal O'Mathúna
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ISBN	1-4473-6397-3
Edizione	[1st ed.]
Descrizione fisica	1 electronic resource (390 pages)
Disciplina	172
Soggetti	Research methods: general Society & culture: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Front Matter -- Contents -- List of figures, tables and boxes -- Notes on contributors -- Introduction: Ethical evidence and policymaking -- Fundamentals of evidence and ethical dimensions in policymaking -- Ethical research in a global context: a dynamic tension between universal values, principles and contextual applications -- One size fits all? The problems of offering ethical guidance to everyone -- Trust in institutions or the scientist? The drivers and mechanisms of trust in research and innovation as a means to improve related political outcomes -- Modes of influence: what can we learn from international codes of ethics for health-related research? -- Interdisciplinary perspectives on ethics and integrity in Europe: acknowledging differences to foster mutual understanding -- An ethical framework for think tanks: easier drafted than done? -- Ethical evidence in specific policy domains -- Ethical research in public policy -- Bitter harvests: ethical divides in the GM foods debate -- Ethics in smart information systems -- The AI industry and regulation: time for implementation? -- Cardiovascular disease prevention and health promotion in times of a pandemic: a global health case study -- Conducting ethical research in crisis situations: COVID-19 -- Ethics in research for resilience and societal collapse -- Research relationships and positionality: adult-child power relations -- Case studies -- What is good evidence? --

Black Lives Matter: reconsidering systemic racism -- The state of scientific policy advice: reflections on strategies and challenges of foreign policy think tanks in times of crisis -- Increasing the impact of research through policy: the role of academic publishers in bringing researchers and policymakers together -- Index

Sommario/riassunto

EPDF and EPUB available Open Access under CC-BY-NC-ND licence. This important book offers practical advice for using evidence and research in policymaking. The book has two aims. First, it builds a case for ethics and global values in research and knowledge exchange, and second, it examines specific policy areas and how evidence can guide practice. The book covers important policy areas including the GM debate, the environment, Black Lives Matter and COVID-19. Each chapter assesses the ethical challenges, the status of evidence in explaining or describing the issue and possible solutions to the problem. The book will enable policymakers and their advisors to seek evidence for their decisions from research that has been conducted ethically and with integrity.

2. Record Nr.

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Autore

Barfield Woodrow

Titolo

Cyber-Humans : Our Future with Machines // by Woodrow Barfield

Pubbl/distr/stampa

Cham : , : Springer International Publishing : , : Imprint : Copernicus, , 2015

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3-319-25050-7

Edizione

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Descrizione fisica

1 online resource (304 p.)

Disciplina

004

Soggetti

Computer science
Artificial intelligence
User interfaces (Computer systems)
Popular Computer Science
Artificial Intelligence
User Interfaces and Human Computer Interaction

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Description based upon print version of record.

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword -- The Technological Future -- The Coming Singularity -- The Law of Artificially Intelligent Brains -- Cognitive Liberty, Brain Implants, and Neuroprosthesis -- Modifying, Enhancing, and Hacking the Body -- Sensors and the Law -- The Law of Looks and Artificial Bodies -- The Future to Merge with Artificially Intelligent Machines.
Sommario/riassunto	<p>It is predicted that robots will surpass human intelligence within the next fifty years. The ever increasing speed of advances in technology and neuroscience, coupled with the creation of super computers and enhanced body parts and artificial limbs, is paving the way for a merger of both human and machine. Devices which were once worn on the body are now being implanted into the body, and as a result, a class of true cyborgs, who are displaying a range of skills beyond those of normal humans-beings, are being created. There are cyborgs which can see colour by hearing sound, others have the ability to detect magnetic fields, some are equipped with telephoto lenses to aid their vision or implanted computers to monitor their heart, and some use thought to communicate with a computer or to manipulate a robotic arm. This is not science-fiction, these are developments that are really happening now, and will continue to develop in the future. However, a range of legal questions has arisen alongside this rise of artificial intelligence. Cyber-Humans provides a deep and unique perspective on the technological future of humanity, and describes how law and policy will be particularly relevant in creating a fair and equal society and protecting the liberties of different life forms which will emerge in the 21st century. Dr Woodrow (Woody) Barfield previously headed up the Sensory Engineering Laboratory, holding the position of Industrial and Systems Engineering Professor at the University of Washington. His research revolves around the design and use of wearable computers and augmented reality systems and holds both JD and LL.M degrees in intellectual property law and policy. He has published over 350 articles and publications in the areas of computer science, engineering and law. He currently lives in Chapel Hill, NC, USA.</p>