
Super Soldiers The Ethical Legal And Social Implications Emerging Technologies Ethics And International Affairs

Military Neuroscience and the Coming Age of Neurowarfare
The Ethical, Legal and Social Implications
Chasing Captain America
Emerging Military Technologies
Commercial Space Exploration
Data Protection, Homeland Security and the Labor Market
Ethics, Policy and Governance
How Advances in Science, Engineering, and Biotechnology Will Produce a
Superhuman
Lethal Autonomous Weapons
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Transhumanism: The Proper Guide to a Posthuman Condition or a Dangerous Idea?
New Technologies and the Law in War and Peace
Military Medical Ethics in Contemporary Armed Conflict
Business Law and Ethics: Concepts, Methodologies, Tools, and Applications
Legitimacy and Drones
The morality of capacity-increasing technologies in the military
The United States Department of Defense Law of War Manual
The Virtues of Captain America
The Ethics of Police and Military Use of Lethal Force
Chemical Heroes
Shooting to Kill
Ethics Education for Irregular Warfare
Law, Policy and Structural Dimensions
How to Keep Technology from Slipping Beyond Our Control
Governing Lethal Behavior in Autonomous Robots

Routledge Handbook of Ethics and War
Performance Enhancement and the Implications for Policy, Society, and the Soldier
Commentary and Critique
Moral Injury and Soldiers in Conflict
Just War Theory in the 21st Century
Machine Law, Ethics, and Morality in the Age of Artificial Intelligence

*Super Soldiers
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ORR KAITLIN

Military Neuroscience and
the Coming Age of
Neurowarfare Ashgate
Publishing, Ltd.

In this volume,
internationally renowned
researchers attempt to
address the fundamental
and applied ethical and
legal problems posed by
emerging military
technologies and present
their insights.

*The Ethical, Legal and
Social Implications* ECW
Press

The first look at the
philosophy behind the
Captain America comics
and movies, publishing in
advance of the movie
release of Captain
America: The
Winter Soldier in April
2014. In *The Virtues of
Captain America*,
philosopher and long-time
comics fan Mark D. White
argues that the core
principles, compassion,

and judgment exhibited
by the 1940's comic
book character Captain
America remain relevant
to the modern
world. Simply put, "Cap"
embodies many of the
classical virtues that
have been important to us
since the days of the
ancient Greeks:
honesty, courage, loyalty,
perseverance, and,
perhaps most
importantly, honor. Full of
entertaining examples
from more than 50 years
of comic books, White
offers some serious
philosophical discussions
of everyone's favorite
patriot in a light-hearted
and accessible way.
Presents serious
arguments on the virtues
of Captain America while
being written in a light-
hearted and often
humorous tone. Introduces
basic concepts in moral
and political philosophy
to the general reader.
Utilizes examples from 50
years of comics featuring
Captain America, the
Avengers, and other
Marvel superheroes.
Affirms the value of "old-
fashioned" virtues for the

modern world without
indulging in nostalgia for
times long passed. Reveals
the importance of the
sound principles that
Captain America was
founded upon.
Publishing in advance of
Captain America: The
Winter Soldier out in April
2014.

Chasing Captain America
IGI Global

From birth to adulthood,
children now find
themselves navigating a
network of surveillance
devices that attempt to
identify, quantify, sort and
track their thoughts,
movements and actions.
This book is the first
collection to focus
exclusively on
technological surveillance
and young people.
Organised around three
key spheres of children's
day-to-day life: schooling,
the self and social lives,
this book chronicles the
increasing surveillance
that children, of all ages,
are subject to. Numerous
surveillance apparatus
and tools are examined,
including, but not limited
to: mobile phones,
surveillance cameras,
online monitoring, GPS

and RFID tracking and big data analytics. In addition to chronicling the steady rise of such surveillance practices, the chapters in this volume identify and problematise the consequences of technological surveillance from a range of multidisciplinary perspectives. Bringing together leading scholars working across diverse fields – including sociology, education, health, criminology, anthropology, philosophy, media and information technology – the collection highlights the significant socio-political and ethical implications of technological surveillance throughout childhood and youth.

Emerging Military

Technologies Routledge
Beleaguered countries struggling against aggression or powerful nations defending others from brutal regimes mobilize medicine to wage just war. As states funnel medical resources to maintain unit readiness and conserve military capabilities, numerous ethical challenges foreign to peacetime medicine result. Force conservation drives combat hospitals to prioritize warfighter care over all others. Civilians find themselves bereft of

medical attention; prison officials force feed hunger-striking detainees; policymakers manage healthcare to win the hearts and minds of local nationals; and scientists develop neuro-technologies or nanosurgery to create super soldiers. When the fighting ends, intractable moral dilemmas rebound. Post-war justice demands enormous investments of time, resources and personnel. But losing interest and no longer zealous, war-weary nations forget their duties to rebuild ravaged countries abroad and rehabilitate their war-torn veterans at home. Addressing these incendiary issues, *Military Medical Ethics in Contemporary Armed Conflict* integrates the ethics of medicine and the ethics of war. Medical ethics in times of war is not identical to medical ethics in times of peace, but a unique discipline. Without war, there is no military medicine, and without just war there is no military medical ethics. *Military Medical Ethics in Contemporary Armed Conflict* revises, defends, and rebuts wartime medical practices, just as it lays the moral foundation for casualty

care in future conflicts.

Commercial Space

Exploration John Wiley & Sons

Following on from *Ethics Education in the Military* (eds. Paul Robinson, Nigel de Lee and Don Carrick: Ashgate 2008) which surveyed and critically analyzed the existing theory and practice of educating soldiers, sailors and airmen in the ethics of 'old fashioned' warfaring, this volume considers the extent to which such theory and practice is adequate to prepare members of the military to meet the more complex ethical challenges faced when engaging in irregular warfare in the 21st century. In recent years, events in Iraq and Afghanistan have highlighted the requirement that Western military personnel, drawn from the armed forces of many different countries, should behave in an ethical manner at all times. The contributors to this volume come from various disciplinary backgrounds, several are serving or former military officers and most are actively engaged in ethics education. The volume advances theoretical understanding of different approaches to ethics

education and provides practical conclusions. Data Protection, Homeland Security and the Labor Market IGI Global
The United States Department of Defense Law of War Manual: Commentary and Critique provides an irreplaceable resource for any politician, international expert, or military practitioner who wishes to understand the approach taken by the American military in the complex range of modern conflicts. Readers will understand the strengths and weaknesses of US legal and policy pronouncements and the reasons behind the modern American way of war, whether US forces deploy alone or in coalitions. This book provides unprecedented and precise analysis of the US approach to the most pressing problems in modern wars, including controversies surrounding use of human shields, fighting in urban areas, the use of cyberwar and modern weaponry, expanding understanding of human rights, and the rise of ISIS. This group of authors, including academics and military practitioners, provides a wealth of expertise that

demystifies overlapping threads of law and policy amidst the world's seemingly intractable conflicts.

Ethics, Policy and Governance

Routledge
This book analyses the arrival of emerging and traditional information and technology for public and economic use in Latin America. It focuses on the governmental, economic and security issues and the study of the complex relationship between citizens and government. The book is divided into three parts: • 'Digital data and privacy, prospects and barriers' centers on the debates among the right of privacy and the loss of intimacy in the Internet, • 'Homeland security and human rights' focuses on how novel technologies such as drones and autonomous weapons systems reconfigure the strategies of police authorities and organized crime, • 'Labor Markets, digital media and emerging technologies' emphasize the legal, economic and social perils and challenges caused by the increased presence of social media, blockchain-based applications, artificial intelligence and automation technologies in the Latin American

economy. This first volume in a two volume set will be important reading for scholars and students of governance in Latin American, the protection of human rights and the use of technology to combat crime and the new advances of digital economy in the region. *How Advances in Science, Engineering, and Biotechnology Will Produce a Superhuman* Ashgate Publishing, Ltd. With rapid advancements in human enhancement technologies, society struggles with many issues, such as definition, effects, participation, regulation, and control. Current and future initiatives in these technologies may not be in the participants' best interests; therefore, it is imperative for research on humanitarian considerations to be available to those affiliated with this field. *Global Issues and Ethical Considerations in Human Enhancement Technologies* compiles prestigious research and provides a well-rounded composite of the field's role in emerging technologies. Addressing both present and future concerns, this publication serves as a valuable

reference work for researchers, students, professionals, and practitioners involved in computer science and the humanities, as well as many engaged in a humanities approach to metasystems, new artificial life, and robotics.

Lethal Autonomous Weapons Routledge

Today, with the advent of unmanned systems, military hopes are attached to the idea that battles can be fought with soldiers pressing buttons in distant command centres. However, soldiers must now be highly trained, super strong and have the intelligence and mental capacity to handle the highly complex and dynamic military operating environment. This book provides the first comprehensive and unifying analysis of the moral, legal and social questions concerning military human enhancement, with a view toward developing guidance and policy that may influence real-world decision making.

Contemporary Technologies and the Morality of Warfare Manchester University Press

"Warfare is changing-and rapidly. New technologies, new geopolitical

alignments, new interests and vulnerabilities, and other developments are changing how, why, and by whom conflict will be waged. Just as militaries must plan ahead for an environment in which threats, alliances, capabilities, and even the domains in which they fight will differ from today, they must plan for international legal constraints that may differ, too. As states, including the United States, plan for how they will conduct warfare in the future, West Point's Lieber Institute for Law and Land Warfare, in collaboration with Columbia Law School's National Security Law Program, convened an expert workshop to consider the future legal context in which conflict will be waged. Titled "Law of Armed Conflict (LOAC) 2040," we assembled leading academics and practitioners from around the world to consider how that body of law and institutions for creating, interpreting, and enforcing it might look two decades ahead-as well as what opportunities may exist to influence it in that time"--

Jus Ad Vim Routledge

Supported by genuine historical cases, this book argues that certain new

technologies in warfare can not only be justified within the current framework of the just war theory, but that their use is mandatory from a moral perspective. Technological developments raise questions about the manner in which wars ought to be fought. The growing use of drones, capacity-increasing technologies, and cyberattacks are perceived by many as posing great challenges to Just War Theory. Instead of seeing these technologies as inherently unethical, this book adopts a different perspective by arguing that they are morally necessary since they can limit the potential violations of the moral rules of war and ensure that militaries better respect their obligation to protect their members. Caron's research offers insights into how and under what conditions autonomous or semi-autonomous robots, artificial intelligence, cyberwarfare, and capacityincreasing technologies can be considered as legitimate weapons. This book will be of interest to students, members of the armed forces, and scholars

studying Politics, International Relations, Security Studies, Ethics, and Just War Theory. *Surveillance Futures* CRC Press

Could we create a real-life superhero by changing human biology itself? The form and function of the human body, once entirely delimited by nature, are now fluid concepts thanks to recent advances in biomedical science and engineering. Professor, author, and comic book enthusiast E. Paul Zehr uses Marvel's Captain America — an ordinary man turned into an extraordinary hero, thanks to a military science experiment — as an entry-point to this brave new world of science, no longer limited to the realm of fiction. With our ever-expanding scientific and technological prowess, human biological adaptability is now in our fallible human hands. Thanks to the convergence of biology, engineering, and technology, we can now alter our abilities through surgery, pharmaceutical enhancement, technological fusion, and genetic engineering. Written in an accessible manner, *Chasing Captain America* explores these

areas and more, asking what the real limits of being human are, how far we should bend those limits, and how we may be forced to reshape human biology if we are to colonize planets like Mars.

The War of the Machines
Routledge

Explains how existing and proposed law seek to tackle challenges posed by new and emerging technologies in war and peace.

Military Ethics in the Contemporary World

Super Soldiers The Ethical, Legal and Social Implications
What's wrong with targeted advertising in political campaigns? Are echo chambers a matter of genuine concern? How does data collection impact on trust in society? As decision-making becomes increasingly automated, how can decision-makers be held to account? This collection considers potential solutions to these challenges.

Super Soldiers the Ethical Legal and Social Implications Cambridge University Press

The Standards of Conduct Office of the Department of Defense General Counsel's Office has assembled an

"encyclopedia" of cases of ethical failure for use as a training tool. These are real examples of Federal employees who have intentionally or unwittingly violated standards of conduct. Some cases are humorous, some sad, and all are real. Some will anger you as a Federal employee and some will anger you as an American taxpayer. Note the multiple jail and probation sentences, fines, employment terminations and other sanctions that were taken as a result of these ethical failures. Violations of many ethical standards involve criminal statutes. This updated (end of 2009) edition is organized by type of violations, including conflicts of interest, misuse of Government equipment, violations of post-employment restrictions, and travel. *Investigating the Legality, Morality and Efficacy of UCAVs* Vernon Press

Machines and computers are becoming increasingly sophisticated and self-sustaining. As we integrate such technologies into our daily lives, questions concerning moral integrity and best practices arise. A changing world requires renegotiating our current

set of standards. Without best practices to guide interaction and use with these complex machines, interaction with them will turn disastrous. *Machine Law, Ethics, and Morality in the Age of Artificial Intelligence* is a collection of innovative research that presents holistic and transdisciplinary approaches to the field of machine ethics and morality and offers up-to-date and state-of-the-art perspectives on the advancement of definitions, terms, policies, philosophies, and relevant determinants related to human-machine ethics. The book encompasses theory and practice sections for each topical component of important areas of human-machine ethics both in existence today and prospective for the future. While highlighting a broad range of topics including facial recognition, health and medicine, and privacy and security, this book is ideally designed for ethicists, philosophers, scientists, lawyers, politicians, government lawmakers, researchers, academicians, and students. It is of special interest to decision- and policy-makers concerned with the identification and

adoption of human-machine ethics initiatives, leading to needed policy adoption and reform for human-machine entities, their technologies, and their societal and legal obligations.

The Future Law of Armed Conflict Lund Humphries Publishers

Super Soldiers The Ethical, Legal and Social Implications Routledge

New Wars and New Soldiers DeFragmenter Media

"The co-author of *Moral Machines* explores accountability challenges related to a world shaped by such technological innovations as combat drones, 3-D printers and synthetic organisms to consider how people of the near future can be protected," --Novelist.

Human Performance Enhancement Routledge Bringing together contributors from philosophy, international relations, security studies, and strategic studies, *New Wars and New Soldiers* offers a truly interdisciplinary analysis reflective of the nature of modern warfare. This comprehensive approach allows the reader to see the broad scope of modern military ethics, and to understand the numerous questions

about modern conflict that require critical scrutiny. Aimed at both military and academic audiences, this paperback will be of significant interest to researchers and students in philosophy, sociology, military and strategic studies, international relations, politics, and security studies, acting as an ideal course text or as supplementary reading.

Transhumanism: The Proper Guide to a Posthuman Condition or a Dangerous Idea? Verlag

Barbara Budrich

In *Chemical Heroes*

Andrew Bickford analyzes the US military's attempts to design performance enhancement technologies and create pharmacological

"supersoldiers" capable of withstanding extreme trauma. Bickford traces the deep history of efforts to biologically fortify and extend the health and lethal power of soldiers from the Cold War era into the twenty-first century, from early adoptions of mandatory immunizations to bio-protective gear, to the development and spread of new performance enhancing drugs during the global War on Terrorism. In his examination of

government efforts to alter soldiers' bodies through new technologies, Bickford invites us to contemplate what constitutes heroism when

armor becomes built in, wired in, and even edited into the molecular being of an American soldier. Lurking in the background and dark recesses of all

US military enhancement research, Bickford demonstrates, is the desire to preserve US military and imperial power.