

I. BIOGRAPHICAL DATA

Name: Gregor Wolbring
Present rank: Associate Professor;
Address: Department of Community Health Sciences;
Community Rehabilitation and Disability Studies
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II. ACADEMIC RECORD

Final degree: Doctor of Philosophy
Date completed: 1992
Specialty: Biochemistry
Institution: University of Frankfurt, Frankfurt a.M. Germany; Supervisors,
Professor Hartmut Michel (Nobel Laureate) and Dr Neil Cook, 1989-1992

i. Undergraduate

Final degree: Diploma
Date completed: 1989
Specialty: Biochemistry
Institution: University of Tuebingen, Germany 1982-1989
Diploma work: University College London 1988-1989 (Development of non-radioactive detection system for gene probes); Supervisor, Professor Rabin

ii. Post-doctoral

1992-1998 Post-Doc, University of Calgary, Cumming School of Medicine, Dept. of Physiology and Biophysics (Guanylyl cyclase in bovine rod outer segments); Supervisor, Professor Schnetkamp
1998-2008 Research Associate University of Calgary, Cumming School of Medicine, Dept. of Physiology and Biophysics (Thalidomide)

III. AWARDS AND DISTINCTIONS

Five awards for mentoring and supervising undergraduate and graduate students in research activities (2015, 2015, 2014, 2013, 2011). I started with my faculty position in 2008.

- 2014 The documentary "Fixed The Science/Fiction of Enhancement" won the first prize in the category documentary over 30 minutes at the Picture this the Calgary Disability Film Festival. <http://www.ptff.org/> I am in the film and actually inspired the film. The documentary has won various other awards <http://www.fixedthemovie.com/>
- 2013** **Queen Elizabeth II Diamond Jubilee Medal on November 11, 2013 awarded by the Government of Canada**; citation reads: "he has worked in his interest area of ability and ableism ethics and governance; the history of thalidomide and thalidomiders and disability studies. His work in this area has been tireless and of benefit to the greater community"
- 2009 *Best' in Scholarly/Reference Category at the 2009 New York Book Show*", the Imaging Science: Art, Science and Social Change book edited by Sean Caulfield from the University of Alberta, Edmonton, Canada and published by University of Alberta Press and in which I had a piece called "Atoms and Base Pairs: "The New Lego".
- 1998** Council of Canadians with Disabilities, National Award - Disabled Peoples International (DPI Canada)
- 1997 Post-Doctoral Fellowship of the Retinitis Pigmentosa foundation of Canada (was a new competition not a renewal of the 1994-1996 award).
- 1994-1996 Post-Doctoral Fellowship of the Retinitis Pigmentosa foundation of Canada
- 1992-1994 Post-Doctoral Fellowship of the Foundation for the advancement of highly gifted disabled people, Vaduz, Liechtenstein
- 1989 Ph.D. fellowship of the Axel Springer Foundation, Germany

IV. ACADEMIC APPOINTMENTS

Primary

- 2012-present Associate Professor University of Calgary, Cumming School of Medicine, Community Health Sciences, Community Rehabilitation and Disability Studies
- 2008-2012 Assistant Professor University of Calgary, Cumming School of Medicine, Community Health Sciences, Community Rehabilitation and Disability Studies

Adjunct

- 2014-present Scientific staff of Institute for Technology Assessment and Systems Analysis (ITAS), Karlsruhe, Germany
- 2013-present Visiting Professor of Ability Expectation and Ableism Studies at American University of Sovereign Nations (AUSN); (Faculty of Medicine), USA
- 2011-present Fellow: Institute for Science, Policy and Society, University of Ottawa, Canada
- 2008-present Adjunct Assistant Professor, Faculty of Critical Disability Studies, York University Canada

2005-present Affiliated Scholar, Center for Nanotechnology and Society at Arizona State University, USA

V. PROFESSIONAL ACTIVITIES

i. Board positions: Professional and Learned societies.

2011-2015 Board member Society for Disability Studies (USA)
2011-2015 Co-chair of the technology committee of Society for Disability Studies (USA)
2011-2012 Past President Canadian Disability Studies Association
2010-2011 President Canadian Disability Studies Association
2009-2010 President-Elect Canadian Disability Studies Association

ii. Board positions: International and National committee

2014-present Board member: Council of Canadians with Disabilities - Disabled Peoples International (DPI Canada)
2014-present Vice President of the Thalidomide Victims Association of Canada
2012-present Member of the board of the Thalidomide Victims Association of Canada
2012-2014 Member of the Executive of the Canadian Centre for Disability Studies, Winnipeg
2012-2014 Member of board of Integrated Post-Secondary Education Society of Alberta (Provincial)
2004-2010 Member, National and Social Sciences Sectorial Committee of the Canadian Commission for UNESCO max term
2003-2009 Member, Executive of the Canadian Commission for UNESCO, max term
2003-2005 Member of the advisory body of CNICE: Canadian Network for Inclusive Cultural Exchange
2003-2005 Member of the Nano-health and Nano-ethics initiative of Canada (dismantled)
2002-2008 Member, Board of ETC- Action Group on Erosion, Technology, and Concentration formerly known as RAFI, max term
1999-2005 Member of the board of directors of The Alberta Provincial Health Ethics Network Canada, maximum terms
1999-2004 Member, Board and Vice President, Canadian Center on Disability Studies, max term
1999 Member, Canadian Delegation for the UNESCO and ICSU organized World Conference on Sciences Budapest
1996-2004 Bioethics advisor to the Council of Canadians with Disabilities (CCD) - Disabled Peoples International (DPI Canada)
1995-2004 Member, Human Rights Committee of the Council of Canadians with Disabilities (CCD), - Disabled Peoples International (DPI Canada)

iii. Other positions: International committee

- 2004-Present** Chair, Bioethics Committee of **Disabled Peoples' International (DPI)**
- 2010-2014** Member UNESCO Asia Ethics of Energy Technologies in Asia and the Pacific program, Working Group 3: Visions and Hopes for the Future (concluded)
- 2007-present** Member, Advisory Board of the Program in Human Rights and Health, School of Public Health, University of Minnesota, USA
- 2004-2009** Member, genetic technology advisory committee of the World Council of Churches, (committee disbanded)

VI. Relevant Publications

2015

my students underlined

1. Wolbring Gregor and Emily Chai (forthcoming, 2016) Investigating Occupational Therapy: from Disability Studies to Ability Studies in Occupational Therapy without Borders new edition for 2016: Editors Nick Pollard and Dikaio Sakellariou, Elsevier Publisher
2. Wolbring, G. & Diep, L. (accepted). Chapter 4 Cognitive enhancement through an Ability Studies lens. In: Jotterand, F. & Dubljevic, V. (eds.). Cognitive Enhancement. Oxford: Oxford University Press.
3. Wolbring Gregor and Boushra Abdullah (accepted) Aging and Technology: What is the take home message for newspapers readers in Ageing and Technology Perspectives from the Social Sciences editor Linda Nierling and Emma Dominguez-Rue Transcript Publisher
4. Wolbring G; Ball, N; Leopatra V (forthcoming) History of Science and Technology (S&T) and Canadians with disabilities: Book Chapter editors Nancy Hansen and Roy Hanes, University of Manitoba Press
5. Diep Lucy and Wolbring Gregor (Fall Issue) "The Brain-Machine Interface (BMI): Perceptions among parents of children with disabilities". in Disability Studies Quarterly
6. Wolbring G (2015) Abnormality in Encyclopaedia of Global Bioethics ed Henk Ten Have New York, USA, Springer Publisher
7. Cheung, Jennifer, Wolbring Gregor (2015) Analysis of the science and technology narrative within organ donation and transplantation coverage in Canadian newspapers in Technologies 3(2), 74-93; doi:10.3390/technologies3020074 (for metrics) over 800 downloads of full paper as of July 2015
8. Wolbring, G (2015) (link to German Version of the full issue Human Enhancement verlangt die Auseinandersetzung mit Fähigkeitserwartungen in special issue "Schwerpunkt// Der optimierte Mensch in «Soziale Sicherheit CHSS» Social Security, Journal of the Federal Social Insurance Office, Switzerland Vol 16, Issue 1, p 16-19 The French version of full journal issue is here The English version Human Enhancement: The need for Ability Expectation Governance available upon request
9. Wolbring G. (2015) LET'S TALK ABOUT THE ETHICS OF GERMLINE MODIFICATION Gregor Wolbring conveys the need for clarity in the call for public discussion about human germline genetic modification here
10. Wolbring G and Ghai Anita (2015) Interrogating the impact of scientific and technological development on disabled children in India and beyond in Disability and the Global South 2(2) pp. 667-685
11. Wolbring G and Yumakulov S. (2015) Education through an Ability Studies Lens in Zeitschrift für Inklusion 10(2) no page number Special Issue on Ableism: Behinderung und Befähigung im Bildungswesen Editor Lisa Pfahl and Tobias Buchner link to full issue

2014

my students underlined

1. Wolbring, Gregor (2014) "Ability Expectation and Ableism Studies (short Ability Studies): An innovative approach to catalyze a new community of practice to monitor, evaluate and address Synbio linked ability expectation challenges to how society functions: The Issue of Ability Expectation Governance" synbio meaning synthetic biology <http://cns.asu.edu/synbio/papers>
2. Noga Jacqueline and Wolbring Gregor (2014) [Views on water management from students of different faculties at the University of Calgary: Developing water policies using focus groups](#) in *Journal of Sustainable Development* 7(5), 189-211
3. Wolbring Gregor (2014) Disability in *Ethics, Science, Technology, and Engineering: A Global Resource* Ed. J. Britt Holbrook. Vol. 1. 2nd ed. Farmington Hills, MI: Macmillan Reference USA, p589-592. COPYRIGHT 2015 Gale, Cengage Learning
4. Wolbring Gregor and Lashewicz Bonnie (2014) [Home care technology through an ability expectation lens](#) in *Journal of Medical Internet Research* JMIR 16(6): e155
5. Wolbring, Gregor Martin Angelica, Tynedal Jeremy, Ball Natalie, Yumakulov Sophya (2014) Exploring discourse surrounding therapeutic enhancement with veterans and soldiers with injuries In *WORK: A Journal of Prevention, Assessment, and Rehabilitation* special issue on Soldier Rehabilitation online first DOI: 10.3233/WOR-141936
6. Wolbring, Gregor and Diep Lucy (2014) Engaging with technology governance in social work education: An essential for preparing future social work(ers) in *International Journal of Continuing Social Work Education* Volume 17(2), 63-75 a slightly different version [is online](#) in the University dspace repository with approval of the journal
7. Lucy Diep, John-John Cabibihan and Gregor Wolbring [Social robotics through an anticipatory governance lens](#) In: M. Beetz et al. (eds.) Proc. ICSR 2014, LNAI, vol. 8755, p. 116-125, Springer, Berlin,
8. Wolbring Gregor; Mackay, Rachel; Rybchinski Theresa; Noga Jacqueline (2014) Disabled People and the Post-2015 Development Goal Agenda short version of what has been published originally in *Sustainability* 5(10): 4152-4182 in 2013 published by invitation in *Journal Behinderung und internationale Entwicklung Journal Disability and International Development* 25(1)
9. Wolbring, Gregor and Mackay Rachel (2014) [Analysis of newspaper coverage of food security through a disability studies lens](#) in *Journal of Sustainable Development* Vol. 7 No 4 p1-26 doi:10.5539/jsd.v7n4p1
10. Wolbring, Gregor and Yumakulov Sophya (2014) [Social robots: Views of staff of a disability service organization](#) in *International Journal of Social Robotics* 6(3), 457-468
11. Wolbring Gregor (2014) [Ability Privilege: A needed addition to privilege studies](#):In *Journal for Critical Animal Studies* Vol. 12, No. 2, p.118-141 [link to just my article](#)
12. Ball, Natalie and Wolbring Gregor (2014) ["Cognitive Enhancement: Perceptions among parents of children with disabilities"](#) In: *Neuroethics* Published online February 21,
13. Billawala, Alshaba and Wolbring Gregor (2014) ["Analyzing the discourse surrounding Autism in the New York Times using an ableism lens"](#).In *Disability Studies Quarterly* Vol 34(1), no page number
14. Panesar Sonum and Wolbring Gregor (2014) [Analysis of Newspaper Coverage of Bionics Using the Disability Studies Framework](#) in *Technologies* 2014, 2(1), 1-30; doi:10.3390/technologies2010001 ([to access stats](#)) over 2300 downloads of full paper as of July 2015
15. Noga Jacqueline and Wolbring Gregor (2014) [The Oil and Gas Discourse from the Perspective of the Canadian and Albertan Governments, Non-Governmental Organizations and the Oil and Gas Industry](#) in *Energies* 2014, 7(1), 314-333; doi:[10.3390/en7010314](#) for [stats here](#) over 1700 downloads of full paper as of July 2015

2013

my students underlined

16. Wolbring, Gregor (2013) [Subjective Well-being, body-related ability expectations and peace](#) in *International Journal of Peace Studies* Volume 18 Number 2 p 27-39
17. Noga, J and Wolbring, G (2013) [Perceptions of Water Ownership, Water Management, and the Responsibility of Providing Clean Water](#) in *Water* **2013**, 5(4), 1865-1889; doi:10.3390/w5041865 ([for hitcount](#)). over 2400 downloads of full paper as of July 2015
18. Wolbring, Gregor and Rybchinski, Theresa (2013) [Social Sustainability and its Indicators through a Disability Studies lens](#) and an Ability Studies lens in *Sustainability*. 2013; 5(11):4889-4907.[for hitcount](#) over 2800 downloads of full paper as of July 2015
19. Mackay, R.; Wolbring, G. [Sustainable Consumption of Healthcare: Linking Sustainable Consumption with Sustainable Healthcare and Health Consumer Discourses](#). In *Proceedings of the 3rd World Sustain. Forum*, 1-30 November 2013; Sciforum Electronic Conference Series, Vol. 3, 2013 , i001; doi:10.3390/wsf3-i001
20. Wolbring, G., [Ecohealth through an ability studies and disability studies lens](#). In *Ecological Health: Society, Ecology and Health*, Gislason, M. K., Ed. Emerald: London, UK, 2013; Vol. 15, pp 91-107. A version that is less nicely formatted... [is available](#) in my University repository (with permission of the publisher) if you do not have access to the original one at the Publisher.
21. Wolbring Gregor; Mackay, Rachel; Rybchinski Theresa; Noga Jacqueline (2013) [Disabled People and the Post-2015 Development Goal Agenda](#) in *Sustainability* 5(10): 4152-4182 [access to metrics](#)) over 4000 downloads of full paper as of July 2015
22. Noga J, Wolbring G. (2013) [An Analysis of the United Nations Conference on Sustainable Development \(Rio +20\) Discourse Using an Ability Expectation Lens](#).*Sustainability*; 5(9):3615-3639. over 1900 downloads of full paper as of July 2015
23. Wolbring Gregor [Diep Lucy, Yumakulov Sophya, Ball Natalie, Leopatra Verlyn](#) (2013) [Emerging Therapeutic Enhancement Enabling Health Technologies and Their Discourses: What Is Discussed within the Health Domain?](#) *Healthcare*, 1(1), 20-52 ([for metrics](#)) over 1900 downloads of full paper as of July 2015
24. Wolbring Gregor and [Noga Jacqueline](#) (2013) [Greening and Energy Issues: An Analysis of Four Canadian Newspapers](#) *Journal of Sustainable Development* Vol. 6, No. 7; Article 8; p. 88-113; DOI: 10.5539/jsd.v6n7p88
25. Wolbring, Gregor [Diep, Lucy; Yumakulov, Sophya; Ball, Natalie; Yergens, Dean](#) (2013) [Social Robots, Brain Machine Interfaces and Neuro/Cognitive Enhancers: Three Emerging Science and Technology Products through the Lens of Technology Acceptance Theories, Models and Frameworks](#) also has a supplementary file to be accessed at same link which is important *Technologies* 1(1), 3-25 ([for metrics](#)) over 4100 downloads of full paper as of July 2015
26. Wolbring, Gregor and [Burke Brigid](#) (2013) [Reflecting on Education for Sustainable Development through Two Lenses: Ability Studies and Disability Studies](#) *Sustainability* 5(6), 2327-2342 ([for metrics](#)) over 1900 downloads of full paper as of July 2015
27. [Noga, Jacqueline](#) and Wolbring, Gregor (2013) [A Comprehensive List of Water Attitude Surveys](#) [Bibliography]
28. Wolbring Gregor and [Verlyn Leopatra](#) (2013) [Sensors: Views of Staff of a Disability Service Organization](#) *J. Pers. Med.* 3(1), 23-39;([for metrics](#)) over 1600 downloads of full paper as of July 2015
29. [Diep Lucy](#) and Wolbring Gregor [Who Needs to Fit in? Who Gets to Stand out? Communication Technologies Including Brain-Machine Interfaces Revealed from the Perspectives of Special Education School Teachers Through an Ableism Lens](#) *Educ. Sci.* **2013**, 3(1), 30-49;([for metrics](#)) over 1400 downloads of full paper as of July 2015

2012

my students underlined

30. Wolbring, Gregor (2012) Ethical Theories and Discourses through an Ability Expectations and Ableism Lens: The Case of Enhancement and Global Regulation Asian Bioethics Review Volume 4, Issue 4, pp. 293-309 | DOI: 10.1353/asb.2012.0033
31. Moss, Jeremy; McMann, Michael; Rae, Jessica; Zipprich, Andrea; Macer, Darryl R.J.; Nyambati, Aori R.; Ngo, Diana; MingMing Cheng; Manohar, N.; Wolbring, Gregor. 2011. [Energy equity and environmental security](#). Bangkok, Regional Unit for Social and Human Sciences in Asia and the Pacific (RUSHSAP), UNESCO Bangkok. v + 84 pp. ISBN 978-92-9223-421-8 (Although the book states 2011 as publishing date it only became officially available December 2012 before that drafts were available online though)
32. Wolbring, Gregor, (2012) : [Nanotechnology for Democracy versus Democratization of Nanotech: An Ableism Analysis](#), pp. 89-105 in *Little by Little: Expansions of Nanoscience and Emerging Technologies*, Eds Harro van Lente, Christopher Coenen, Torsten Fleischer, Kornelia Konrad, Lotte Krabbenborg, Colin Milburn, and François Thoreau, Dordrecht: AKA-Verlag/IOS Press.
33. [Noga, Jacqueline](#) and Wolbring Gregor (2012) [The Economic and Social Benefits and the Barriers of Providing People with Disabilities Accessible Clean Water and Sanitation](#) *Sustainability* **2012**, 4(11), 3023-3041; doi:10.3390/su4113023 ([for metrics](#)) over 2700 downloads of full paper as of July 2015
34. [Yumakulov, Sophya](#); Yergens, Dean and Wolbring, Gregor (2012) [Imagery of people with disabilities within social robotics research](#). In: S.S. Ge et al. (eds.) Proc. ICSR 2012, LNAI, vol. 7621, pp. 168-177. Springer, Berlin
35. [Noga, Jacqueline](#) and Wolbring, Gregor (2012) [Bibliography of Environmental Treaties](#)
36. [Noga, Jacqueline](#) and Wolbring, Gregor (2012) [Bibliography of Documents Related to the United Nations Conference on Sustainable Development \(Rio +20\)](#)
37. Wolbring, Gregor (2012) [Eco-ableism](#) in Anthropology News Sept 14
38. Wolbring, Gregor (2012) [Citizenship Education through an Ability Expectation and "Ableism" Lens: The Challenge of Science and Technology and Disabled People](#) in *Educ. Sci.* **2012**, 2(3), 150-164; doi:10.3390/educsci2030150 ([for metrics](#)) over 2000 downloads of full paper as of July 2015
39. Wolbring, Gregor, [Leopatra Verlyn](#) (2012) [Climate change, water, sanitation and energy insecurity: Invisibility of people with disabilities](#) in Canadian Journal of Disability Studies Vol 1 Issue 3 page 66-90
40. Wolbring, Gregor and [Ball Natalie](#) (2012) [Nanoscale Science and Technology and People with Disabilities in Asia: An Ability Expectation Analysis Nanoethics](#) online first: 1-9 July
41. Wolbring, Gregor (2012) [Therapeutic Enhancements and the View of Rehabilitation Educators](#) Dilemata Journal of Applied Ethics 8. 169-183
42. Wolbring, Gregor (2012) [Therapeutic bodily assistive devices and Paralympic athlete expectations in Winter Sport](#) Clinical Journal of Sport Medicine 22: 1. 51-57
43. Wolbring, Gregor; [Leopatra, Verlyn](#) and [Noga Jacqueline](#) (2012) [The sentiment of waste and the measure of footprints evaluated through an ableism lens](#) in Eubios Journal of Asian and International Bioethics EJAIB Vol. 22 (3) page 117- 123
44. Wolbring, G (2012) Paralympians Outperforming Olympians: An Increasing Challenge for Olympism and the Paralympic and Olympic Movement Sport, Ethics and Philosophy 6: 2. 251-266

2011

my students underlined

45. Wolbring, Gregor (2011) [Water discourse, Ableism and disabled people: What makes one part of a discourse?](#) in Eubios Journal of Asian and International Bioethics EJAIB Vol. 21 (6) page 203- 208 November 2011
46. Wolbring, Gregor (2011) [Differences Matter: Innovations and people with disabilities](#) for Canadian Federation for the Humanities and Social Sciences VP Equity Issues series on diversity, creativity and innovation / diversité, innovation et créativité
47. Wolbring, Gregor(2011) [People With Disabilities and Social Determinants of Health Discourses](#) Canadian Journal of Public Health 102: 4. 317-319 July/August
48. Verlyn Leopatra (2011) generated the following video [Part 1](#) and [Part 2](#) which was the foundation of a workshop on water and sanitation access and disabled people at the Global Youth Assembly conference July 2011
49. Verlyn Leopatra, Emily Hutcheon and Jacqueline Noga (2011) guest contribution [Able People, Disabling World: Unequal Access to Water](#) to the Equity Matters blog of the Canadian Federation for the Humanities and Social Sciences covering their Global youth assembly workshop
50. Wolbring (2011) Guest contribution [Ableism, disability studies and the academy](#) to the Equity Matters blog of the Canadian Federation for the Humanities and Social Sciences
51. Wolbring (2011) [Hearing Beyond the Normal Enabled by Therapeutic Devices: The Role of the Recipient and the Hearing Profession in Neuroethics](#) April open access
52. Wolbring (2011) [Disability, Displacement and Public Health: A Vision for Haiti](#) Canadian Journal of Public Health 102: 2. 157-159 March/April
53. Wolbring (2011) [Ableism and Energy Security and Insecurity](#) *Studies in Ethics, Law, and Technology*: Vol. 5 : Iss. 1, Article 3. DOI: 10.2202/1941-6008.1113

2010

54. Wolbring (2010) [Obsolescence and body technologies Obsolescencia y tecnologías del cuerpo](#) in Dilemata International Journal of Applied Ethics Vol 2 No 4
55. Burke, Brigid and Wolbring Gregor (2010) Beyond Education for All: Using ableism studies lens and the BIAS FREE framework in Development, 53 (4) December 2010
56. Wolbring (2010) [MDGs and disability: bridging the gap](#) on the blog of Society for International development
57. Wolbring (2010) In the Encyclopedia of Nanoscience and Society I have 10 contributions: Zinc Oxide (ZnO); Nanoparticle Occupational Safety and Health Consortium; Nano Hazard Symbol Contest; Ableism; Cancer treatment Nano-enabled; Design and Construction; Disability and Nanoscience; Nano-photovoltaic; Access; International Risk Governance Council (IRGC) ; SAGE Reference's pioneering new, two-volume Encyclopedia of Nanoscience and Society is the first available reference work to cover the ethical, legal, policy, social, cultural, economic, and business issues raised by the science and technology. Highly accessible, expertly written A-to-Z entries describe nanoscience's technical achievements, history, and prospects.
<http://www.sagepub.com/booksProdDesc.nav?prodId=Book233289&>
58. Wolbring (2010) [Human enhancement through the Ableism lens](#) in Dilemata International Journal of Applied Ethics Vol 2 No 3
59. Wolbring (2010) [Chapter 21: Nanotechnology and the Transhumanization of Health, Medicine, and Rehabilitation Gregor Wolbring](#) Controversies in Science & Technology: Volume 3. pp 290-303 From Evolution To Energy Editors: Daniel Lee Kleinman, Jason Delborne, Karen A. Cloud-Hansen, and Jo Handelsman
60. Wolbring (2010) [Ableism and Favoritism for Abilities Governance, Ethics and Studies: New Tools for Nanoscale and Nanoscale enabled Science and Technology Governance](#) pp. 89-104 in The Yearbook of Nanotechnology in Society, vol. II: The Challenges of Equity and Equality (Springer 2010) Susan Cozzens and Jameson M. Wetmore (eds.)

61. Wolbring (2010) Commentary on therapeutic enhancement for PM&R Vol 2 Issue 4 p 296/297
PM&R is journal of [American Academy of Physical Medicine and Rehabilitation](#)
62. Wolbring (2010) Nanoscale science and technology and social cohesion for International Journal of Nanotechnology Int. J. Nanotechnol., Vol. 7, Nos. 2/3, 2010 pp 155-173

2009

63. Wolbring (2009) [Innovation for whom? Innovation for what? The Impact of Ableism](#) for Andrew Maynards Science 2020 blog
64. [Lit reviews](#) generated by the GEEELS group I lead in one Genome Canada grant [Literature Review on Energy from Hydrocarbon Discourse](#); [Literature Review on Metagenomics](#); [Literature Review on Water Discourse](#); [Literature Review on Energy and Climate Change Discourse](#)
65. Wolbring (2009) Ethics and nano discourse.(NANOTECHNOLOGY AND ETHICS). Canadian Chemical News 61.8 (Sept 2009): p14(4). (2276 words)
66. Wolbring (2009) [What next for the human species? Human performance enhancement, ableism and pluralism](#) p. 141-163 in Development Dialogue No 52 August 2009 called What Next Vol II The case for pluralism publisher Dag Hammarskjöld Foundation
67. Wolbring (2009) [A culture of neglect: Climate discourse and disabled people](#) Journal: Media and Culture, Volume 12, Issue 4, full issue [here](#)
68. Wolbring (2009) [Die Konvergenz der Governance von Wissenschaft und Technik mit der Governance des "Ableism"](#) The convergence of science and technology governance with the governance of Ableism in TECHNIKFOLGENABSCHÄTZUNG – Theorie und Praxis Herausgeber: Institut für Technikfolgenabschätzung und Systemanalyse (ITAS) [Technology assessment Theorie and Praxis](#). Publisher Institute for Technology assessment and system analysis ITAS
69. Wolbring (2009) 'Therapeutic', enhancement enabling, assistive devices and the UN Convention on the Rights of Persons with Disabilities: A missing lens in the enhancement regulation discourse Journal of International Biotechnology Law JIBL Vol. 6 Issue 5 page 193-206
70. Coenen Schuijff, Smits, Klaassen, Hennen, Rader and Wolbring (2009) [Human Enhancement Study](#) for Directorate General for internal policies, Policy Dept. A: Economic and Scientific Policy Science and Technology Options Assessments. This project was carried out by the Institute for Technology Assessment and Systems Analysis (ITAS), Research Centre Karlsruhe, and the Rathenau Institute, as members of the European Technology Assessment Group (ETAG). It was commissioned under specific contracts IP/A/STOA/FWC/2005-28/SC35, 41 & 45.

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Mr Leonhard HENNEN (ITAS)
Mr Michael RADER (ITAS)
Mr Gregor WOLBRING (University of Calgary)

71. Wolbring (2009) Guest Editor of a special issue "On the impact of nanoscale science and technology on disability, community and rehabilitation" for the International Journal of Disability, Community & Rehabilitation [Editor's Introduction to the IJDCR Special Issue on Nanotechnology, Disability, Community and Rehabilitation](#) whole issue [here](#)

2008

72. (My students, 2008) The E3LS issues of synthetic biology: Work done by three of my students Sibat Khwaja, Niklas Bobrovitz, Daniela Navia at iGEM 2008 http://2008.igem.org/Team:Calgary_Ethics
73. Wolbring (2008) Ableism, Enhancement Medicine and the techno poor disabled in Unnatural Selection: The Challenges of Engineering Tomorrow's People Peter Healey and Steve Rayner Editor Publisher Earthscan
74. Wolbring (2008) "Is there an end to out-able? Is there an end to the rat race for abilities?" for Journal: Media and Culture, Volume 11, Issue 3, July. 2008 <http://journal.media-culture.org.au/index.php/mcjournal/article/viewArticle/57>
75. Wolbring (2008) Lego Atoms and Base pairs in Sean Caulfield and Timothy Caulfield, eds, Imagining Science University of Alberta Press, <http://www.uap.ualberta.ca/UAP.asp?LID=41&bookID=795>
76. Wolbring (2008) 5:1 SCRIPT-ed Journal of Law, Technology and Society 1-226 Oscar Pistorius and the Future Nature of Olympic, Paralympic and Other Sports Gregor Wolbring, pp.139-160 <http://www.law.ed.ac.uk/ahrc/script-ed/vol5-1/wolbring.pdf>
77. Wolbring, G and Saner, M (2008) Environmental Nanotechnology; Report for Environment Canada
78. Wolbring (2008) Why NBIC? Why human performance enhancement? *European Journal of Social Science Research*, Vol 21, No.1, pp.25-40
79. Wolbring (2008) Synthetic Biology: Taking Shape for Genewatch USA Winter Spring Issue Vol 20 No 6 pp 8-12
80. Wolbring (2008) A Constitution: A meta-governance tool for science and technology? for the group of people given the task to write the new Ecuadorian constitution [Spanish version. English upon request](#)
81. Wolbring (2008) The game is changing: Now is the time to act, Written for IDIRIYA in Sri Lanka: Topic is about the need of disabled people and why it makes sense to built accessible infrastructure
82. Wolbring (2008) The Politics of Ableism Proposes the need for a field of ability studies which examines ableism *Development* 51: 252-258; doi:10.1057/dev.2008.17 <http://www.palgrave-journals.com/development/journal/v51/n2/index.html>

2007

83. Wolbring (2007) Should we 'cure' aging? *Studies in Ethics, Law, and Technology* Vol 1 Issue 1
84. Wolbring (2007) Bio-tech, NanoBio-Tech, SynBio-tech, NanoSynBio-tech? The changing face of biotech law? (Part I) *Journal of International Biotechnology Law JIBL* Vol. 4 Issue 5 September 177-186
85. Wolbring (2007) Bio-tech, NanoBio-Tech, SynBio-tech, NanoSynBio-tech? The changing face of biotech law? (Part II) *Journal of International Biotechnology Law JIBL* Vol. 4 Issue 6 November 221-227
86. Wolbring (2007) "New and Emerging Sciences and Technologies, Ableism, Transhumanism and Religion, Faith, Theology and Churches" in Madang; *International Journal of Contextual Theology in East Asia*, Vol. 7 (June 2007) 79-112
87. Wolbring (2007) "Nano-Engagement: Some critical issues" *Journal of Health and Development (India)* Vol. 3 No 1-2, pp. 9-29
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during the workshop (paper 1 and 3) and one written before the workshop (paper 2); **Paper 1 page 159-162** C. IMPROVING HUMAN HEALTH AND PHYSICAL CAPABILITIES THEME C SUMMARY Panel: J. Bonadio, L. Cauller, B. Chance, P. Connolly, E. Garcia-Rill, R. Golledge, M. Heller, P.C. Johnson, K.A. Kang, A.P. Lee, R.R. Llinas, J.M. Loomis, V. Makarov, M.A.L. Nicoletis, L Parsons, A. Penz, A.T. Pope, J. Watson, G. Wolbring; **Paper 2 page 206-215** SCIENCE AND TECHNOLOGY AND THE TRIPLE D (DISEASE, DISABILITY, DEFECT) and **Paper 3 page 240-243** Improving Quality of Life of Disabled People using Converging Technologies (G. Wolbring, R. Golledge)

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