

# Curriculum Vitae

## James W. Prall

107 Jackman Ave.  
Toronto, Ontario  
M4K 2X8

email: jim.prall@utoronto.ca  
website: <http://www.eecg.utoronto.ca/~prall>  
year of birth: 1958  
citizenship: Canada  
status: married

### EMPLOYMENT HISTORY

2001-present: Senior Systems Programmer, Electrical & Computer Engineering, University of Toronto  
1991-2001: Systems Programmer, Trigraph Inc./Gandalf Graphics Ltd., Toronto  
1989-1991: Applications programmer, TransCanada PipeLines, Toronto  
1986-1989: Technical support representative, Legalware, Inc., Toronto

### EDUCATION

#### DEGREES:

**B.A. cum laude**, 1980 political science/philosophy (double major), math minor - Case Western Reserve U., Cleveland, OH

**M.Phil.F.**, 1985 philosophy, Institute for Christian Studies, Toronto, ON

#### COURSES COMPLETED FOR CREDIT SINCE LAST DEGREE:

2001-02: Physiology PSL201Y: Physiology A (85%)  
Biology BIO260H: Genetics A (86%)  
2002 summer: Geography GGR314H: Issues in Global Warming (Harvey) A+ (90% - top mark for course)  
(only student to score full marks on all essay questions on final exam)  
2002 fall: Geography 499H: Independent research paper (Harvey) - Potential for wind power in Eastern  
Canada. A (88%)  
2003 winter: Geography GGR203H: Introduction to Climatology A- (80%)  
*cumulative UofT GPA: 3.95*

#### COURSES AUDITED (UNIVERSITY OF TORONTO):

2001: Biology 250Y: Cell and Molecular Biology  
2004: Zoology 314H: Principles of Evolution (Rising/Agrawal)  
2004: Geography/Env. Studies JGE347H: Efficient Use of Energy (Harvey)  
2005: Geography/Env. Studies JGE348H: Carbon-Free Energy (Harvey)

- 2005: Zoology 375H: Environmental Factors
- 2006: Physics 315H: Radiation in planetary atmospheres (Strong)
- 2007: Geography & Environment JGE1404: Issues in Global Warming - graduate seminar (Harvey)
- 2007: Civil Engineering graduate seminar: Energy storage on the power grid (Karney & Pejovic)
- 2008: Environmental Studies ENV1002H: Environmental Policy (MacDonald) (continued as 'Environmental Policy Roundtable', a non-credit weekly discussion, up to the present)
- 2009: Geography 403H: Global Ecology and Biogeochemical Cycles (Cowling)

## TEACHING EXPERIENCE

- 1985-7: classroom aide volunteer, The Hugh MacMillan Centre School – grade 4 students with cerebral palsy
- 2002-8: occasional classroom volunteer, grade 6, The York School, Toronto – science, math, geography, environment and climate change
- 2008: UofT APS111 Engineering Strategies and Practices – seminar leader on “geoengineering” – 3 weeks
- 2009: UofT APS111 Engineering Strategies and Practices – seminar leader on “geoengineering” – 3 weeks

## INVITED PRESENTATIONS

- 2004: Wind power seminar hosted by UofT Electrical Engineering - talk on wind power
- 2009: CIV301 Civil engineering course by Prof. Brian Karney - talk on wind turbine technology
- 2009: Presentation on draft journal article “Expert Credibility in Climate Change” to Environmental Policy Roundtable
- 2009: Panelist on climate change - Seniors College, UofT
- 2010: CVI301 Civil engineering course by Prof. Brian Karney – three talks on wind turbine technology

## JOURNAL ARTICLE

Anderegg W; Prall J; Harold J; Schneider S. 2009. "Expert Credibility in Climate Change" (submitted)

## MEDIA APPEARANCES

- 2009-02: "Goldhawk Live" on Rogers Community Television - panelist on proposed wind farm in Lake Ontario
- 2009-11: "The Current with Anna-Maria Tremonti" on CBC Radio One - on climate change skeptics vs. supporters

## WEBSITES

<http://www.eecg.utoronto.ca/~prall/climate>

My analysis of numbers of scholars publishing on climate change who have signed public declarations or petitions either supporting or opposing cuts to greenhouse gas emissions, with data on over 2000 authors including affiliation and website, plus number of peer-reviewed publications and of citations by others

<http://en.wikipedia.org> - nickname 'birdbrainscan' - created page on 'Kaya Identity'; over 570 edits on many topics

<http://climateresponse.ca> - founding contributor

## CONFERENCES ATTENDED

Canadian Wind Energy Association conference and trade Show, Toronto, Oct. 2005

## LECTURE SERIES ATTENDED

2007-present: University of Toronto Centre for Global Change Studies Distinguished Lecture series, 2007-present; over 30 lectures attended

2008, 2009: University of Toronto Centre for Global Change Studies Noble Lectures series, 2008 and 2009

2005: Gairdner Foundation Int'l Genome Symposium (Watson, Sulston, Venter, Brenner, Collins, Nurse)

## VOLUNTEER SERVICE

1999 – present: sailing coach, race committee, maintenance, Disabled Sailing Association of Ontario

2003-05: Board of Directors, Disabled Sailing Association of Ontario

## BOOKS READ

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### ON CLIMATOLOGY, CLIMATE CHANGE, AND PALEOCLIMATE:

Harvey, Danny 2000. *Global Warming: The hard science*

\_\_\_\_\_ 2000. *Climate and Global Environmental Change*

Schneider, Stephen 2010. *Science as a Contact Sport*

Kennedy, Donald (ed.) 2009. *Science Magazine's State of the Climate 2008-09*

Lynas, Mark 2008. *Six Degrees: our future on a hotter planet*

Beniston, Martin (ed) 2008. *Climate Variability and Extremes during the Past 100 Years*

Intergovernmental Panel on Climate Change 2007. *Climate Change 2007 (Fourth Assessment Report)* (selections)

Chambers, Frank & Michael Ogle 2006. *Climate Change: Critical Concepts in the Environment and Physical Geography*, 4 vols.

Bowen, Mark 2006. *Thin Ice: Unlock the Secrets of Climate in the World's Highest Mountains*

National Academies 2003. *Understanding climate change feedbacks / Panel on Climate Change Feedbacks, Climate Research Committees, Board on Atmospheric Sciences and Climate, Division on Earth and Life Studies, National Research Council of the National Academies*

Weart, Spencer 2003. *The Discovery of Global Warming*

Alley, Richard 2000. *The two-mile time machine: ice cores, abrupt climate change, and our future*

Schneider, Stephen 1997. *Laboratory Earth*

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### ON CLIMATE AND ENERGY POLICY AND POLITICS:

Homer-Dixon, Thomas (ed) 2009. *Carbon Shift*

Gutstein, Donald 2009. *Not a Conspiracy Theory: how business propaganda hijacks democracy*

Craven, Greg 2009. *What's the Worst That Could Happen?*

Hoggan, James 2009. *Climate Cover-Up*

Michaels, David 2008. *Doubt is their product: how industry's assault on science threatens your health*

Calvin, William 2008. *Global Fever: how to treat climate change*

Stern, Sir Nicholas 2007. *Stern Review on the Economics of Climate Change* (selections)

Scheer, Herman 2007. *Energy Autonomy*

Turner, Chris 2007. *The Geography of Hope: a tour of the world we need*

Pearce, Fred 2007. *With Speed and Violence: why scientists fear tipping points in climate change*

Romm, Joseph 2007. *Hell and High Water: global warming - the solution and the politics - and what we should do*

Dessler, Andrew 2006. *The Science and Politics of Global Climate Change*

Black, Edwin 2006. *Internal Combustion: how corporations and governments addicted the world to oil and derailed the alternatives*

Homer-Dixon, Thomas 2006. *The Upside of Down: catastrophe, creativity, and the renewal of civilization*

Diamond, Jared 2005. *Collapse: how societies choose to fail or succeed*

Hirsh, Robert 2005. *Peaking of World Oil Production: Impacts, Mitigation, and Risk Management (the 'Hirsch Report')*

Mooney, Chris 2005. *The Republican War on Science*

Kennedy Jr., Robert F 2004. *Crimes Against Nature: How George W Bush & His Corporate Pals Are Plundering the Country & Hijacking Our Democracy*

Darley, Julian 2004. *High Noon for Natural Gas: the new energy crisis*

Schellnhuber, Hans J 2004. *Earth System Analysis for Sustainability*

Smil, Vaclav 2003. *Energy at the crossroads: global perspectives and uncertainties*

Deffeyes, Ken 2006. *Beyond Oil*

Simmons, Matthew 2005. *Twilight in the Desert: the coming Saudi oil shock and the world economy*

Goodstein, David 2004. *Out of Gas: the end of the age of oil*

Romm, Joseph 2004. *The Hype about Hydrogen: fact and fiction in the race to save the climate*

Heinberg, Richard 2003. *The Party's Over: Oil, war and the fate of industrialized society*

Rifkin, Jeremy 2003. *The Hydrogen Economy*

Stauber and Rampton 2002. *Trust Us, We're Experts*

Gelbspan, Ross 1998. *The Heat Is On: The Climate Crisis, The Cover-Up, and The Prescription*

Stauber and Rampton 1995. *Toxic Sludge is Good for You: Lies, damned lies, and the public relations industry* \_\_\_\_\_  
2002.

Gore, Albert 1992. *Earth in the Balance*

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#### OTHER TOPICS:

Michell, Alana 2009. *Sea Sick: the global ocean in crisis*

Ifill, Gwen 2009. *The Breakthrough: Politics and Race in the Age of Obama*

Worldwatch Institute 2008. *State of the World*

Johnson, David Cay 2007. *Free Lunch: how the wealthiest Americans enrich themselves at government expense (and stick you with the bill)*

Klinenberg, Eric 2007. *Fighting For Air: the battle to control America's media*

Kamanetz, Anya 2006. *Generation Debt: how our future was sold out for student load, credit cards, bad jobs, no benefits, and tax cuts for rich geezers - and how to fight back*