

Education

- Columbia University Graduate School of Arts and Sciences, MA in Climate and Society 2007-2008
- The University of Melbourne, Post Graduate Diploma (Pure Mathematics) 2006
- The University of Melbourne, Bachelor of Arts majoring in Archaeology and Philosophy 2000-2005
- The University of Melbourne, Bachelor of Science majoring in Mathematics 2000-2005
- The Scotch College, Melbourne (equivalent national tertiary entrance ranking: 98.65) 1996-1999
- The South Island School, Hong Kong 1992-1995

Research

- International Research Institute for Climate and Society, Supervisor: Casey Brown 2007-present
The impact of climate shocks, especially drought, on African economies
- The University of Melbourne Department of Mathematics and Statistics, Supervisor: Lawrence Reeves 2006
Combinatorial group theory and Thompson's group F
- The University of Melbourne Department of Electrical and Electronic Engineering, Supervisor: William Moran 2005-2006
Information entropy, Kolmogorov complexity, and the trade-off between computational power and bandwidth

Significant Papers

- D. Yeow, *The Race for Sustainable Development*, Consilience: The Journal for Sustainable Development Issue #1 2008
- D. Yeow, *An Introduction to Thompson's Group F*, (honours thesis) 2006
- T. Supasiti, D. Yeow, J. Zhao, *The Trade-off Between Computation and Bandwidth in a Sensing Situation* (unpublished)

key **positions of responsibility** & *significant personal achievements*Leadership/Service

- Columbia University Child Rights Working Group 2008(conference organizer)
- Columbia Daily Spectator 2008(staff photographer)
- Consilience: The Journal of Sustainable Development 2007-present(corresponding editor)
- Columbia University Amnesty International (CUAI) 2007-2008(webmaster)
- Amnesty International USA Northeast Regional Conference 2007(participant)
- Amnesty International Australia Victorian Youth Network 2003-present, (2003-2005 **co-convenor**)
- Amnesty International Australia National AGM 2006(state voting delegate), 2005(observer), 2003(observer)
- Amnesty International Australia National Youth Summit 2006(**co-chair**), 2005(**speaker**)
- Amnesty International Australia Victorian Branch Committee 2004-2006
- Melbourne University Amnesty International (MUAI) 2002(**president**), 2001(secretary)
- MUAI Theatre Company 2006(**president**)
- MUAI Theatre Company production of the Vagina Monologues 2006(**production manager**)
- Amnesty International Comedy Gala "*Stand Up For Your Rights*" 2005(**organiser**), 2004(**organiser**), 2003(**creator/organiser**)
- Melbourne University Mathematics and Statistics Society (MUMS)
 - MUMS Committee 2005(education officer), 2004(3rd year rep)
 - University Maths Olympics 2006(writer), 2005(**organiser**), 2004(1st place), 2003(2nd place), 2002(1st place), 2001(1st place)
 - School Maths Olympics 2006(photographer), 2005(marker), 2004(marker), 1999(2nd place)
 - MUMS magazine: "Paradox" 2006(writer), 2005(cartoonist/writer), 2004(cartoonist)
 - MUMS Puzzlehunt 2006(writer), 2005(writer), 2004(**founder/organizer**/writer)
 - Department of Mathematics and Statistics Staff-Student Liaison Committee 2005, 2004
- Melbourne University Student Union publication: Farrago 2005(writer), 2004(writer)
- Melbourne University Classics and Archaeology Students Society (MUCAAS)
 - MUCAAS Committee 2006(treasurer)
 - Omniprop Committee (theatre group) 2006(treasurer)
 - Omniprop Production of Euripides' Helen & Orestes 2005(actor)
- School of Physics Staff-Student Liaison Committee 2005
- United Nations Association of Australia Conference: HIV/AIDS Confronting the Crisis 2005(delegate for Myanmar)
- Melbourne University Hong Kong Students Association general committee 2000-2002
- Scotch College Boarding house **prefect** 1999
- Scotch College Cadet Unit Staff Sergeant 1999(**flag party escort** for the end-of-year Tattoo and other events)
- Scotch College Astronomy Club 1999(**captain**), 1998, 1997, 1996
- Scotch College Peer Support Program 1998(**peer support leader**)

Sport

- Australian (ice) Speed Skating Olympic Training Squad 2008-present
- Columbia University Cricket Club 2008
- Inline Speedskating World Championships 2007, 2004, 2003
- Inline Speedskating Oceania Championships 2006, 2005, 2004, 2003, 2002, 2001
- Inline Speedskating Asian Championships 2001, 1997, 1995
- Inline Speedskating Australian National Championships 2005, 2004, 2003, 2002, 2000
- Eltham Roller Skating Club committee 2002(speed rep), 2001(**president**)
- Roller Sports Victoria Speed Committee 2002(**Eltham RSC rep**)
- Nomination for “Coca Cola Sports Person of the Year” (Hong Kong) 1997, 1996
- Melbourne University Dancesport Club (Styles: Street Latin, Latin, Ballroom, Swing) 2006
- Melbourne University Athletics Club
 - Australian University Games (Adelaide) 2006
 - Victorian Championships (Melbourne Cricket Ground) 2006
 - Victorian Shield Competition Final, *1st Division* 2006
 - Award: *Best first-year male athlete* season 2005-2006
(achieved *rankings and personal bests in 100m, 200m, 400m & 800m*)
- Melbourne University Kendo Club 2000-2002
 - Representative at the Australian University Games (Adelaide) 2001
- Kew City Bowmen Archery Club 2003-present
- Caulfield Carnegie Cycling Club 2002-2003
- Scotch College Table Tennis 1999(*Ists*), 1998(4ths)
- Scotch College Rugby 1998(2nd XV), 1997(Under 16), 1996(Under 15)
- Scotch College Rowing 1997(7th VIII Crew), 1996(9th VIII Crew)
- Scotch College Athletics 1999(Under 20 4x200m relay), 1998(reserve for 4x100m relay)
- Bunn’s Mini Stanley Cup; Hong Kong region-wide roller-hockey tournament 1995(*1st place, Captain*)
- Team Rollerblade (translator/member) 1994-1995

Hobbies/Extra-Curricular Interests

- MIT Mystery Hunt, MIT Maths Department team: “Team varphi” 2008
- Heidelberg and District Ballet School concert (principal dancer) 2006, 2005, 2003, 2002
- Melbourne University Arabic Culture Club 2006
- Melbourne University Liberal Club 2006
- Melbourne University Go Club 2005-present
- Melbourne University Scavenger Hunt 2002(*1st*, small teams division)
- Melbourne University Political Interest Society 2001-2003
- Scotch College Drama production: “Twelve Angry Men” 1998(juror 11)
- Australian Mathematics Competition 1999(*prize*), 1998(high distinction), 1997(*prize*), 1996(*prize*)
- Melbourne University Mathematics Competition 1999(*outstanding award*), 1997(merit)

Languages

English (fluent spoken and written), Cantonese (fluent spoken), Spanish (intermediate), German (intermediate), Arabic (beginner), Dutch (beginner)

Skills

Proficient in the use of Microsoft Office, Mathematica, Matlab, LATEX formatting, HTML formatting, Adobe Photoshop, Adobe Lightroom, Adobe Illustrator, Dreamweaver. Basic knowledge of C, C++ and Haskell programming languages. Unusually skilled in the identification and classification of pre-bronze age Mediterranean pottery.

Other Interests

Leadership, Politics, Economic Theory, Recreational Mathematics, Haute Cuisine, Stand-Up Comedy, Piano (*Grade 8*), Violin, Guitar, Kung Fu, Golf, Puns and wordplay, Motorsport, Poetry, Crosswords, Speed Rubik’s Cubing (*43 seconds*), Opera, Photography, Journalism, Independent Traveling, managing my website (www.danielyeow.com)