Earth and Planetary Sciences
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Education

1999 – 2005	**Harvard University**, Cambridge, MA Thesis: Holography and related topics in string theory	**Ph.D., Physics**
1995 – 1999	**Yale University**, New Haven, CT Magna cum laude	**B.S./M.S., Physics** **B.S., Mathematics**

Postdoctoral positions

2008 – Present	**Research Associate** Department of Earth and Planetary Sciences, Harvard University, MA
2006 – 2008	**Environmental Fellow** Center for the Environment, Harvard University, MA
2005 – 2006	**Postdoctoral Fellow** Woods Hole Research Center, MA

Honors, Grants, and Fellowships

2008	**Research Grant** The Eppley Foundation for Research
2006 – 2008	**Environmental Fellow** Center for the Environment, Harvard University
2005	**Prize for Extraordinary Service** Department of Physics, Harvard University
1999 – 2002	**Graduate Fellow** National Science Foundation
1999	**Graduate Fellowship** Hertz Foundation
1999	**Van Vleck Fellow** Department of Physics, Harvard University
1999	**Phi Beta Kappa** Yale University
1999	**Distinction in Physics** Yale University
1999	**Distinction in Mathematics** Yale University
1999	**Howard L. Schultz Prize** Department of Physics, Yale University
1999	**Loomis Havemeyer Scholarship** Yale University
1998	**Anthony D. Stanley Prize** Department of Mathematics, Yale University

Teaching Experience

2006 – 2009	**Guest Lecturer** Kennedy School of Government, Harvard University ENR 100: Environmental and Resource Science for Policy ENR 302 / IGA 310: Energy Policy: Technologies, Systems, and Markets
2007 – 2008	**Guest Lecturer** Department of Earth and Planetary Sciences, Harvard University EPS 208: Physics of Climate
Fall 2004	**Adjunct Professor of Physics** Suffolk University, MA
2002 – 2005	**Resident Tutor in Physics** Quincy House, Harvard University, MA
2002 – 2004	**Teaching Fellow** Department of Physics, Harvard University, MA

Publications (N.B. – Took wife's name of Romps in 2008. Authorship in string theory is alphabetical.)

2010	D.M. **Romps**, "A direct measure of entrainment," Journal of the Atmospheric Sciences, in press, 2010
2010	D.M. **Romps**, Z. Kuang "Nature versus nurture in shallow convection," Journal of the Atmospheric Sciences, in press, 2010
2010	D.M. **Romps**, Z. Kuang "Do undiluted convective plumes exist in the upper tropical troposphere?," Journal of the Atmospheric Sciences, vol. 67, no. 2, 468–484, 2010
2009	D.M. **Romps**, C. Holmes, K. House, B. Lee, M. Winkler, "The case against nuclear reprocessing," Bulletin of the Atomic Scientists, vol. 65, no. 6, 36–41, 2009
2009	D.M. **Romps**, Z. Kuang, "Overshooting convection in tropical cyclones," Geophysical Research Letters, vol. 36, L09804, 2009
2008	D.M. **Romps**, "The dry-entropy budget of a moist atmosphere," Journal of Atmospheric Sciences, vol. 65, no. 12, 3779–3799, 2008
2005	A. Simons, A. Strominger, D.M. Thompson (**Romps**), X. Yin, "Supersymmetric branes in $AdS_2 \times S^2 \times CY_3$," Physical Review D, vol. 71, no. 6, 066008, 2005, hep-th/0406121
2004	D.M. Thompson (**Romps**), "AdS solutions to the 2D type 0A effective action," Physical Review D, vol. 70, no. 10, 106001, 2004, hep-th/0312156
2004	A. Strominger, D.M. Thompson (**Romps**), "Quantum Bousso bound," Physical Review D, vol. 70, no. 4, 044007, 2004, hep-th/0303067
2002	D.M. Thompson (**Romps**), "Descent relations in type 0A/0B," Physical Review D, vol. 65, no. 10, 106005, 2002, hep-th/0105314