

## Robert M. Pringle

Department of Ecology and Evolutionary Biology, Princeton University  
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### EDUCATION:

2009 Ph.D. Stanford University (Biological Sciences)  
2004 M.Sc. University of Oxford (Environmental Change and Management, with Distinction)  
2003 M.Sc. University of Oxford (Economic and Social History, with Distinction)  
2001 B.A. University of Pennsylvania (Phi Beta Kappa)

### ACADEMIC POSITIONS:

2012- Assistant Professor, Princeton University  
2009-2012 Junior Fellow, Harvard University Society of Fellows

### FELLOWSHIPS:

2015 Visiting Professor, École Normale Supérieure/CNRS-PSL Eco-Evo-Devo, Paris  
2009-2011 NSF International Research Fellowship  
2008-2009 Ward Wilson Woods, Jr., Fellowship, Stanford University  
2005-2008 William R. and Sara Hart Kimball Stanford Graduate Fellowship  
2002-2004 Thouron Fellowship, University of Oxford

### RESEARCH FUNDING:

Submitted NSF IOS-1656527. "Allometry of behavior in spatially patterned resource landscapes"  
2015-2019 NSF DEB-1457697, "Predation, competition, and establishment dynamics within an insular adaptive radiation"  
2012-2019 The Gorongosa Restoration Project, "Dynamics of ecosystem recovery in Gorongosa National Park, Mozambique"  
2016-2018 Grand Challenges Program, Princeton Environmental Institute. "Experimental tests of drought and deluge in African rangelands"  
2016-2018 Innovation Fund for New Ideas in the Natural Sciences. "DNA-based characterization of diet and microbiome in African wildlife and livestock"  
2016-2018 NSF DEB-1601538. "Plant defenses in African savannas: testing the effects of induced and associational defenses on plant phenotype, fitness, and diversity" (Dissertation Improvement Grant to student T. Coverdale)  
2014-2017 NSF DEB-1355122, "Causes and consequences of regular spatial patterning in foundation species: theoretical development and experimental tests in an African savanna"  
2015-2017 NSF DEB-1501306, "Testing the effects of large mammalian herbivores on savanna dynamics and community structure with regional- and continent-scale natural experiments" (Dissertation Improvement Grant to student J. Daskin)  
2016-2017 The Sherwood Foundation, Discretionary award.  
2013-2015 Grand Challenges Program, Princeton Environmental Institute, "Ecosystem spatial pattern and development opportunities in African rangelands"  
2013-2014 National Geographic Society #9291-13, "How spatial patterning regulates behavior and energetics of large mammals in an under-studied ecosystem"  
2010-2012 William F. Milton Fund, "Interactive effects of species loss and climate change: an experimental approach"

- 2009-2011 NSF OISE-0852961, "International Research Fellowship: Ecological consequences of large-herbivore declines under different rainfall regimes"
- 2007-2009 NSF DEB-0709880, "Indirect regulation of aboveground ecological processes by a belowground ecosystem engineer"

#### HONORS AND AWARDS:

- 2016 "Rising Star in Ecology," Atwood Colloquium in Ecology & Evolution, U. Toronto
- 2015-2019 Early Career Fellow, Ecological Society of America
- 2015 Holiday Lecturer, Howard Hughes Medical Institute, BioInteractive Program
- 2011 Young Investigator Prize, American Society of Naturalists
- 2007 Teresa Heinz Scholars for Environmental Research
- 2007 Elizabeth Reid Award, Phi Beta Kappa Northern California Association
- 2005 Stanford University Award for Excellence in Teaching
- 2004 Best MSc Thesis in Environmental Change and Management, Oxford
- 2003 Fellow, Royal Society for Encouragement of Arts, Manufactures, and Commerce
- 2001 Cochran Prize for Best Thesis in American History, University of Pennsylvania
- 2001 Rose Award, Outstanding Undergraduate Research, University of Pennsylvania

#### PUBLICATIONS:

1. **Pringle, RM** and CE Tarnita. 2017. Spatial self-organization of ecosystems: integrating multiple mechanisms of regular-pattern formation. *Annual Review of Entomology* 62:359-377.
2. Tarnita, CE, JA Bonachela, E Sheffer, JA Guyton, TC Coverdale, RA Long, and **RM Pringle**. 2017. A theoretical foundation for multi-scale regular vegetation patterns. *Nature* 541:398-401.
  - Cover article
  - *New York Times, Washington Post, AAAS/Science, Associated Press, Atlas Obscura, BBC, Spiegel, El Pais, Guardian, National Geographic, New Scientist, Smithsonian, etc.*
3. Long, RA, A Wambua, JR Goheen, TM Palmer, and **RM Pringle**. 2017. Climatic variation mediates the indirect effects of large herbivores on small-mammal habitat use. *Journal of Animal Ecology* doi:10.1111/1365-2656.12669
4. Ripple, WJ, and 42 co-authors. 2017. Conserving the world's megafauna and biodiversity: the fierce urgency of now. *BioScience* 67:197-200.
5. Young, HS, DJ McCauley, R Dirzo, CL Nunn, B Agwanda, M Campana, R Fleischer, EO Castillo, D Salked, E Lambin, JR Goheen, TM Palmer, **RM Pringle**, TP Young, KM Helgen. 2017. Interacting effects of land-use and climate on rodent-borne disease in central Kenya. *Philosophical Transactions of the Royal Society of London B* doi:10.1098/rstb.2016.0116.
6. Pellegrini, AFA, **RM Pringle**, N Govender, LO Hedin. 2017. Woody plant biomass and carbon exchange depend on elephant-fire interactions in African savanna. *Journal of Ecology* 105:111-121.
7. Ripple, WJ, and 42 co-authors. 2016. Saving the world's terrestrial megafauna. *BioScience* 66:807-812.

8. **Pringle, RM**, KM Prior, TM Palmer, TP Young, and JR Goheen. 2016. Large herbivores promote habitat specialization and beta diversity of African savanna trees. *Ecology* 97:2640-2657.
9. Coverdale, TC, TR Kartzinel, KL Grabowski, RK Shriver, AA Hassan, JR Goheen, TM Palmer, and **RM Pringle**. 2016. Elephants in the understory: opposing direct and indirect effects of consumption and ecosystem engineering by megaherbivores. *Ecology* 97:3219-3230.
10. Daskin, JH and **RM Pringle**. 2016. Does primary productivity modulate the indirect effects of large herbivores? A global meta-analysis. *Journal of Animal Ecology* 85:857-868.
11. Daskin, JH, M Stalmans, and **RM Pringle**. 2016. Ecological legacies of civil war: 35-year increase in savanna tree cover following wholesale mammal declines. *Journal of Ecology* 104:79-89.
  - Selected as “Editor’s Choice” in *Science* (vol. 351, p. 573).
  - Runner-up (“Highly Commended”) for the 2016 Harper Prize from the British Ecological Society for best paper in *Journal of Ecology* by a young author.
12. Kartzinel, TR, P Chen, TC Coverdale, DL Erickson, WJ Kress, M Kuzmina, DI Rubenstein, W Wang, and **RM Pringle**. 2015. DNA metabarcoding illuminates dietary niche partitioning by large African herbivores. *Proc. Natl. Acad. Sci. USA* 112:8019-8024.
  - Cover article
  - Commentary: “African mammals, foodwebs, and coexistence” by D Tilman & ET Borer, *PNAS*
  - *New York Times*, NPR, *National Geographic*, Smithsonian Magazine
13. Fraser, LH, and 58 co-authors. 2015. Worldwide evidence supporting a unimodal relationship between productivity and plant species richness. *Science* 349:302-305.
14. Ford, AT, JR Goheen, MF Kinnaird, TG O’Brien, TM Palmer, **RM Pringle**, R Woodroffe. 2015. Recovery of African wild dogs suppresses prey but does not trigger a trophic cascade. *Ecology* 96:2705-2714.
15. **Pringle, RM**, RL Sensenig, D Kimuyu, TM Palmer, C Riginos, KE Veblen, and TP Young. 2015. Synergistic indirect effects of fire and elephants on arboreal fauna. *Journal of Animal Ecology* 84:1637-1645.
16. Kartzinel, TR and **RM Pringle**. 2015. Molecular detection of invertebrate prey by vertebrate predators: trophic ecology of Caribbean island lizards. *Molecular Ecology Resources* 15:903-914.
17. Young, HS, DJ McCauley, R Dirzo, JR Goheen, B Agwanda, AW Ferguson, SN Kinyua, MM McDonough, TM Palmer, **RM Pringle**, TP Young, and KM Helgen. 2015. Context-dependent effects of large-wildlife declines on small mammal communities in central Kenya. *Ecological Applications* 25:348-360.
  - Cover article
18. Ceballos, G, PR Ehrlich, AD Barnosky, A Garcia, **RM Pringle**, and TM Palmer. 2015. Accelerated modern human-induced species losses: entering the sixth mass extinction. *Science Advances* 1:e1400253.

19. **Pringle, RM.** 2015. Review of “How to do Ecology” by R Karban, M Huntzinger, and IS Pearse. *Quarterly Review of Biology* 90:324-325.
20. Bonachela, JA, **RM Pringle**, E Sheffer, TC Coverdale, JA Guyton, KK Caylor, SA Levin, and CE Tarnita. 2015. Termite mounds can increase the robustness of dryland ecosystems to climatic change. *Science* 347:651-655.
  - Cover article
  - News feature: “Africa’s soil engineers” by E. Pennisi, *Science* 347:596-597.
  - *New York Times*, *Le Monde*, *Christian Science Monitor*, NSF.gov.
21. Ford, AT, JR Goheen, TO Otieno, L Bidner, L Isbell, TM Palmer, R Woodroffe, D Ward, and **RM Pringle**. 2014. Large carnivores make savanna tree communities less thorny. *Science* 346:346-349.
  - *New York Times*, *BBC News*, *Scientific American*, and podcasts by AAAS and CBC Quirks & Quarks.
22. Tarnita, CE, TM Palmer, and **RM Pringle**. 2014. Colonization and competition dynamics can explain incomplete sterilization parasitism in ant-plant symbioses. *Ecology Letters* 17:1290-1298.
23. **Pringle, RM**, JR Goheen, TM Palmer, GK Charles, E DeFranco, R Hohbein, AT Ford, and CE Tarnita. 2014. Low functional redundancy among mammalian browsers in regulating an encroaching shrub (*Solanum campylacanthum*) in African savanna. *Proceedings of the Royal Society B* 281: 20140390.
24. Louthan, AM, DF Doak, JR Goheen, TM Palmer, and **RM Pringle**. 2014. Mechanisms of plant-plant interactions: concealment from herbivores is more important than abiotic stress mediation in an African savannah. *Proceedings of the Royal Society B* 281:20132647.
25. Ngatia, LW, KR Reddy, PKR Nair, **RM Pringle**, TM Palmer, and BL Turner. 2014. Seasonal patterns in decomposition and nutrient release from East African savanna grasses grown under contrasting nutrient conditions. *Agriculture, Ecosystems & Environment* 188:12-19.
26. Mendenhall, CD, LO Frishkoff, G Santos-Barrera, J Pacheco, E Mesfun, FM Quijano, PR Ehrlich, G Ceballos, GC Daily, and **RM Pringle**. 2014. Countryside biogeography of Neotropical reptiles and amphibians. *Ecology*: 95:856-870.
27. Kartzinel, TR, JR Goheen, GK Charles, E DeFranco, JE Maclean, TO Otieno, TM Palmer, and **RM Pringle**. 2014. Plant and small-mammal responses to large-herbivore exclusion in an African savanna: five years of the UHURU experiment. *Ecology* 95:787.
28. **Pringle, RM.** 2014. Where the wild beasts are. Review of “Serengeti story: life and science in the world’s greatest wildlife region” by ARE Sinclair. *Ecology* 95:583-584.
29. Palmer TM, ML Stanton, TP Young, JR Goheen, JS Lemboi, and **RM Pringle**. 2013. A role for indirect facilitation in maintaining diversity in a guild of African acacia ants. *Ecology*: 94:1531-1539.
30. Donihue, CM, LM Porensky, J Foufopoulos, C Riginos, and **RM Pringle**. 2013. Glade cascades: indirect legacy effects of pastoralism enhance the abundance and spatial structuring of arboreal fauna. *Ecology* 94:827-837.

31. Louthan, AM, DF Doak, JR Goheen, TM Palmer, and **RM Pringle**. 2013. Climatic stress mediates the impacts of herbivory on plant population structure and components of individual fitness. *Journal of Ecology* 101:1074-1083.
32. Young, HS, DJ McCauley, KM Helgen, E Otarola-Castillo, JR Goheen, TM Palmer, **RM Pringle**, TP Young, and R Dirzo. 2013. Responses of plant communities to experimental removals of and anthropogenic declines in large mammalian herbivores. *Journal of Ecology* 101:1030-1041.
33. Goheen, JR, TM Palmer, GK Charles, KM Helgen, SN Kinyua, JE Maclean, HS Young, and **RM Pringle**. 2013. Piecewise disassembly of a large-herbivore community across a rainfall gradient: the UHURU experiment. *PLOS One* 8:e55192. doi:10.1371/journal.pone.0055192
34. **Pringle, RM**. 2012. How to be manipulative: intelligent tinkering is key to understanding ecology and rehabilitating ecosystems. *American Scientist* 100:30-37.
35. Losos, JB and **RM Pringle**. 2011. Competition, predation, and natural selection in island lizards. *Nature*: 475:E1-2. doi:10.1038/nature10140
36. **Pringle, RM**, TM Palmer, JR Goheen, DJ McCauley, F. Keesing. 2011. Ecological importance of large herbivores in the Ewaso ecosystem. Pp. 43-53 in NJ Georgiadis (ed), *Conserving Wildlife in African Landscapes: Kenya's Ewaso Ecosystem*. Smithsonian Contributions to Zoology No. 632. Smithsonian Institution Scholarly Press, Washington, DC.
37. **Pringle, RM**. 2011. Nile perch. Pp. 484-488 in D. Simberloff and M. Rejmánek (eds), *Encyclopedia of Invasive Introduced Species*. University of California Press, Berkeley, CA.
38. Palmer, TM, DF Doak, ML Stanton, JL Bronstein, ET Kiers, TP Young, JR Goheen, and **RM Pringle**. 2010. Synergy of multiple partners, including freeloaders, increases host fitness in a multispecies mutualism. *Proc. Natl. Acad. Sci. USA* 107:17234-17239.
39. **Pringle, RM**, DF Doak, AK Brody, R Jocqué, and TM Palmer. 2010. Spatial pattern enhances ecosystem functioning in an African savanna. *PLoS Biology* 8:e1000377.
  - Commentary: "Spatial dynamics and ecosystem functioning" by OJ Schmitz, *PLoS Biology* 8:e1000378
  - Featured in *Nature* "Research Highlights"
  - RMP radio interview with BBC World Service
  - *New York Times*, *USA Today*, *Daily Telegraph*, *CBC*, *Discovery News*, *National Geographic News*, NSF.gov
40. **Pringle, RM**. 2010. The costs of large-mammal extinctions. Pp. 52-53 in NS Sodhi and PR Ehrlich (eds), *Conservation Biology for All*. Oxford University Press, Oxford, UK.
41. **Pringle, RM**. 2010. Review of "Conservation Psychology: Understanding and Promoting Human Care for Nature" by S Clayton and G Myers. *Environmental Conservation*: 37:222.
42. **Pringle, RM**. 2009. Review of "Paradise Found: Nature in America at the Time of Discovery," by S Nicholls. *Environmental Conservation* 36:173-174.
43. **Pringle, RM**, M Syfert, JK Webb, and R Shine. 2009. Quantifying historical changes in habitat availability for endangered species: use of pixel- and object-based remote sensing. *Journal of Applied Ecology* 46:544-553.

- Featured in *Sydney Morning Herald*, *Cosmos Magazine*, and *ABC News*
44. Angilletta, MJ, MW Sears, and **RM Pringle**. 2009. The spatial dynamics of nesting behavior: lizards shift microhabitats to construct nests with beneficial thermal properties. *Ecology* 90:2933-2939.
  45. Roman, J, PR Ehrlich, **RM Pringle**, and JC Avise. 2009. Facing extinction: nine steps to save biodiversity. *Solutions*: 1:27-37.
  46. Webb, JK, **RM Pringle**, and R Shine. 2009. Intraguild predation, thermoregulation, and microhabitat selection by snakes. *Behavioral Ecology* 20:271-277.
    - Cover article
  47. **Pringle, RM** and K Fox-Dobbs. 2008. Coupling of canopy and understory food webs by ground-dwelling predators. *Ecology Letters* 11:1328-1337.
    - Cover article
  48. Ehrlich, PR and **RM Pringle**. 2008. Where does biodiversity go from here? A grim business-as-usual forecast and a hopeful portfolio of partial solutions. *Proc. Natl. Acad. Sci. USA* 105:11579-11586.
    - Republished in Avise, JC, SP Hubbell, and FJ Ayala (eds) 2008. In the Light of Evolution, Volume II: Biodiversity and Extinction, pp. 323-357. Washington, D.C., National Academies Press
    - Featured in *Scientific American*, NPR's *Science Friday*
    - RMP radio interview with WaloRadio, Puerto Rico
  49. Pejchar, L., **RM Pringle**, J Ranganathan, JR Zook, G Duran, and GC Daily. 2008. Birds as agents of seed dispersal in a human-dominated landscape in Costa Rica. *Biological Conservation* 141:536-544.
  50. Palmer, TM, ML Stanton, TP Young, JR Goheen, **RM Pringle**, and R Karban. 2008. Putting ant-acacia mutualisms to the fire. *Science* 319:1760-1761.
  51. **Pringle, RM**. 2008. Elephants as agents of habitat creation for small vertebrates at the patch scale. *Ecology* 89:26-33.
    - Cover article
    - Featured in *Bulletin of the ESA*, *National Geographic News*
    - Interview with "Field Talk" Podcast on the ESA website
  52. Palmer, TM, ML Stanton, TP Young, JR Goheen, **RM Pringle**, and R Karban. 2008. Breakdown of an ant-plant mutualism follows the loss of large herbivores from an African savanna. *Science* 319:192-195.
    - Cover article
    - Featured in *Science Perspectives*
    - Featured in *The New York Times*, *San Francisco Chronicle*, *Scientific American*, *New Scientist*, *BBC News*, *National Public Radio*, *Daily Telegraph*, and others.
  53. **Pringle, RM**, TP Young, DI Rubenstein, and DJ McCauley. 2007. Herbivore-initiated interaction cascades and their modulation by productivity in an African savanna. *Proc. Natl. Acad. Sci. USA* 104:193-197.
    - Commentary: "Ungulate herbivory: indirect effects cascade into the treetops" by AJ Larson and RT Paine, *PNAS* 104:5-6
    - Cover and *PNAS* front matter

- Featured in *The New York Times*, *Scientific American*.
54. Chan, KMA, **RM Pringle**, J Ranganathan, CL Boggs, YE Chan, PR Ehrlich, PK Haff, NE Heller, K Al-Khafaji, and D. MacMynowski. 2007. When agendas collide: human welfare and biological conservation. *Conservation Biology* 21:59-68.
  55. McCauley, DJ, F Keesing, TP Young, BF Allan, and **RM Pringle**. 2006. Indirect effects of large herbivores on snakes in an African savanna. *Ecology* 87:2657-2663.
  56. **Pringle, RM**. 2006. "Thinking anthropologically about nature." Review of "People and Nature," by EF Moran. *Trends in Ecology & Evolution* 21:483-484.
  57. **Pringle, RM**. 2005. The Nile perch in Lake Victoria: local responses and adaptations. *Africa* 75:510-538.
  58. **Pringle, RM**. 2005. The origins of the Nile perch in Lake Victoria. *BioScience* 55:780-787.
  59. Webb, JK, R Shine, and **RM Pringle**. 2005. Canopy removal restores habitat quality for an endangered snake in a fire-suppressed landscape. *Copeia* 2005:894-900.
  60. Webb, JK, **RM Pringle**, and R Shine. 2004. How do nocturnal snakes select diurnal retreat sites? *Copeia* 2004: 919-925.
  61. **Pringle, RM**, JK Webb, and R Shine. 2003. Canopy structure, microclimate, and habitat selection by the nocturnal snake *Hoplocephalus bungaroides*. *Ecology* 84:2668-2679.
  62. **Pringle, RM**. 2001. Warren Candler and the war against state aid to the post-bellum University of Georgia. *The Penn History Review* 9:11-34.

#### SELECTED ESSAYS, AND MISCELLANEOUS PUBLICATIONS:

- |      |  |
|------|--|
| 2014 | Puma observed hunting howler monkeys in Costa Rica. <i>National Geographic Newswatch</i> , February 10, 2014   |
| 2013 | On snakes and snake hunting. <i>Huffington Post</i> , January 29, 2013   |
| 2012 | How to be manipulative. <i>Spektrum der Wissenschaft</i> (Germany). Reprinted from <i>American Scientist</i> , January 2012  |
| 2011 | The rebirth of Gorongosa National Park. <i>Mozambique Review</i> , March 2011. Reprinted from the <i>Huffington Post</i> , 12 October 2010.  |
| 2009 | How to find a turd in the woods (with TM Palmer). <i>Bulletin of the British Ecological Society</i> , March 2009. Reprinted from <i>Huffington Post</i> , January 2009.  |
| 2009 | Predicting the impacts of drought and extinction: the UHURU experiment (with JR Goheen and TM Palmer). <i>Mpala Memos</i> , October 2009.  |
| 2008 | Nobody Reads Nature: Why So Many Tree Species in the Amazon? <i>Forwards</i> (quarterly journal of the New Zealand Association of Scrabble Players, circulation 195). Reprinted from the <i>Huffington Post</i> , 4 November 2008. |
| 2008 | Elephants as architects in East African savannas (photo essay). <i>Bulletin of the Ecological Society of America</i> 89:20-24.   |
| 2008 | My New Year's Resolution. Op-Ed, <i>San Francisco Chronicle</i> , 13 January 2008.   |
| 2007 | Keeping Science in the Debate over Evolution (with PR Ehrlich). Op-Ed, <i>Sacramento Bee</i> , 24 June 2007.   |
| 2007 | Biofuel tradeoffs. Letter, <i>San Francisco Chronicle</i> , 13 June 2007.  |
| 2007 | Zebras, giraffes, and snakes in the grass (with DJ McCauley). <i>Laikipia Wildlife Forum Newsletter</i> , January 2007.  |

2005 Proud to be an environmentalist (with CH Segall and BB Grant). Letter, *The New York Times*, 15 March 2005.

### SELECTED MEDIA COVERAGE & JOURNAL FEATURES OF RESEARCH AND TEACHING:

"Termites: Guardians of the soil," *New York Times*, 03/2015  
Princeton graduate students on a mission in Mozambique," [www.princeton.edu](http://www.princeton.edu), 02/2015  
"Africa's soil engineers: termites," *Science* magazine 'News In Depth' by E Pennisi, 02/2015  
"Dirt mounds made by termites could prevent spread of deserts," NSF.gov website 02/2015  
"Contre la désertification, les termites," *Le Monde* 02/2015  
"When herbivore numbers drop, plants lose their thorny defenses," *New York Times*, 10/2014  
"Carnivores help trees thrive without thorns, study says," *BBC News*, 10/2014  
"Antelope and lion have unlikely meeting," *National Geographic News Watch*, 08/2014  
"Elephants eat the strangest things," *Slate*, 07/04/2014  
"Animating science: student videos explain ecological challenges," [www.princeton.edu](http://www.princeton.edu), 03/2014  
"Breaking ground: bringing back the lions and zebras," *Princeton Alumni Weekly*, 05/2013  
"Secrets of the Savannah," Episode 2 of BBC's Secrets of Our Living Planet series, 06/2012  
"Synergy of mutualism," *PNAS* research highlight, 10/2010  
"Spatial dynamics and ecosystem functioning" by OJ Schmitz, *PLoS Biol.* perspective, 05/2010  
"Ecology: Mighty termite mounds," *Nature* magazine 'research highlights,' 06/2010  
"On savanna, termites are a force for good" *New York Times*, 05/2010  
"Termiten: die kleinen konige der savanne," *Der Spiegel*, 05/2010  
Termite named king of African savannah," *Daily Telegraph*, 05/2010  
"It's getting cold in here" *Sydney Morning Herald*, 03/2009  
"Rare Australian snake needs more bushfires to survive," *Cosmos* 03/2009  
"Are we headed toward extinction?" *NPR Science Friday*, 03/2009  
"Small ways to fix a big problem" *Popular Science*, 08/2008  
"Field talk: elephant engineers," *Ecological Society of America Podcast*, 03/2008  
"Where elephants tread, geckos thrive," *National Geographic News*, 03/2008  
"Elephants keep ants in harmony with tree hosts," *New Scientist*, 01/2008  
"Big mammals key to ant-tree team," *BBC News*, 01/2008  
"In life's web, aiding trees can kill them," *New York Times*, 01/2008  
"Indirect effects cascade into the treetops" by AJ Larson & RT Paine, *PNAS* perspective 01/2007  
"The ungulate effect on an ecosystem," *New York Times*, 01/2007

### SELECTED INVITED RESEARCH TALKS

2017 Cornell University, Ithaca, NY  
2017 University of California, Santa Barbara, CA  
2017 Duke University, Durham, NC  
2017 North Carolina State University, Raleigh, NC  
2016 Yale University, New Haven, CT  
2016 Stanford University, Palo Alto, CA (student-invited speaker)  
2016 University of Minnesota, Minneapolis, MN  
2016 University of Oslo, Norway  
2016 University of Groningen, Netherlands (external PhD examiner & speaker)  
2016 University of Toronto, Canada (Atwood Colloquium "Rising Star in Ecology")  
2016 University of Colorado, Boulder, CO  
2015 Howard Hughes Medical Institute, Chevy Chase, MD (The Holiday Lectures)  
2015 University of Rhode Island, Kingston, RI  
2015 The College of New Jersey, Trenton, NJ  
2014 Lorentz Workshop, "Spatio-Temporal Dynamics in Ecology," Leiden, Holland



2014 University of California at Davis, CA  
2013 McGill University, Montreal, Canada  
2013 Savannah Science & Networking Meeting, Kruger National Park, South Africa  
2013 University of Georgia, Athens, GA (graduate student-invited speaker)  
2012 Harvard University OEB Departmental Seminar, Cambridge, MA  
2012 University of North Carolina, Chapel Hill, NC  
2012 University of Craiova, Craiova, Romania  
2012 Bard College, Annandale-on-Hudson, NY  
2012 Harvard University African Studies Seminar Series, Cambridge, MA  
2011 Young Investigators Prize Symposium, ASN/SSE/SSB meetings, Norman, OK  
2011 United States Agency for International Development (USAID), Washington, DC  
2011 Brown University, Providence, RI  
2010 Concord-Harvard Environmental Lecture, Concord, MA  
2010 Northeastern University, Boston, MA  
2010 Princeton University, Princeton, NJ  
2010 University of British Columbia, Vancouver, Canada  
2009 University of Vermont, Burlington, VT  
2009 California Academy of Sciences, San Francisco, CA.  
2008 University of Sydney, Sydney, Australia.  
2008 University of California at Berkeley, CA  
2007 University of California at Davis, CA  
2007 Society for Conservation Biology Annual Meeting, Port Elizabeth, South Africa  
2004 University of Cambridge, Cambridge, UK  
2003 University of Oxford, Oxford, UK

**GRADUATE STUDENTS:**

Joshua Daskin 2012-  
Jennifer Guyton 2013-  
Tyler Coverdale 2013-  
Arjun Potter 2015-  
Matthew Hutchinson 2016-

**POSTDOCS:**

Ryan Long 2013-2014 Current: Asst. Prof., University of Idaho  
Tyler Kartzinel 2013-2017 Next: Asst. Prof., Brown University  
Christopher Baker 2015-  
Jessica Castillo Vardaro 2015-  
Johan Pansu 2016-

**UNDERGRADUATE SENIOR THESIS STUDENTS:**

Alana Reynolds Princeton EEB '17  
Ciara Nutter Princeton EEB '17  
Quinn Parker Princeton EEB '17  
O'Neill Bergeron Princeton EEB '16  
Katie Grabowski Princeton CEE '16  
Ian McGeery Princeton EEB '16  
Bing Lin Princeton EEB '16  
Anne Ferlmann Princeton EEB '16  
Renata Diaz Princeton EEB '15  
Taylor Pearson Princeton EEB '15

Eliot Linton	Princeton EEB '15
Seokmin Kim	Princeton EEB '14
Alexandra Kasdin	Princeton EEB '14
Caroline Stone	Princeton EEB '14
Lauren Wyman	Princeton EEB '14
Ariel Jespersen	Princeton EEB '13
Claire Guinez	Princeton EEB '13
Iris Zhou	Princeton EEB '13
Grace Charles	Harvard OEB '11

### ADVISORY BOARDS

- 2016-present Advisory Board Member, Princeton University Press Monographs in Population Biology (MPB) Series.
- 2014-present Technical Advisor, International Conservation Fund of Canada (ICFC).
- 2011-present Board of Directors, Guancaste Dry Forest Conservation Fund, Area de Conservación Guanacaste, Costa Rica.
- 2010-present Board of Directors, Gorongosa Restoration Project, Gorongosa National Park, Mozambique.

### OTHER ACTIVITIES:

- 2016-present Faculty Fellow, Princeton University Scholars Institute Fellows Program (SIFP, a curricular and co-curricular support program for first-generation, low-income undergraduates).
- 2014-present Faculty Fellow, Princeton Academic-Athletic Fellows Program, Men's & Women's Volleyball Teams.
- 2008-present Blogger for the *Huffington Post* on science, nature, and conservation issues. ([www.huffingtonpost.com/rob-pringle](http://www.huffingtonpost.com/rob-pringle))
- 2006-present **Ad hoc reviewer for:** *Acta Oecologica; Africa; American Naturalist; Annals of the New York Academy of Sciences; Austral Ecology; Behavioral Ecology, Biological Conservation; Biology Letters; Biotropica; Copeia; Current Biology; Ecological Applications; Ecography; Ecological Entomology; Ecology; Ecology Letters; Ecoscience; Ecosystems; Forest Ecology and Management; Functional Ecology; Hydrobiologia; Integrative and Comparative Biology; J. Applied Ecol.; J. Arid Environments, J. Ecol; J. Herpetology; J. Mammalogy; J. Field Ornithology; J. Veg. Sci; J. Trop. Ecol.; Landscape Ecology; Molecular Ecology Resources; Natural Resources Research; Nature Communications; Oecologia; Oikos; Phil Trans. Roy. Soc. B; PLoS Biology; PLoS One; Proc. Natl. Acad. Sci. USA; Proc. Roy. Soc. Ser. B; Science; Science Advances; S. Afr. J. Sci.; US National Science Foundation; Royal Society DFID Africa Capacity Building Initiative; Israel Science Foundation; Austrian Science Fund; Swiss National Science Foundation; Legislative-Citizen Commission on Minnesota Resources; National Geographic Society; Cambridge University Press; Roberts and Co. Academic Publishers.*

### TEACHING:

- EEB 321 – Ecology (Princeton University)
- EEB 380 – Ecology and Conservation of African Landscapes (Princeton University)