

JUSTIN P. SURACI, PHD

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EDUCATION

- 2016 **Ph.D.** Biology, University of Victoria, Victoria, Canada
Biology and wildlife ecology
- 2011 **M.Sc.** Biology, Simon Fraser University, Burnaby, Canada
Wildlife behavioural ecology
- 2006 **B.S.** Biology (*with distinction*), University of Virginia, Charlottesville, USA

PROFESSIONAL EXPERIENCE

- 2016 **Postdoctoral Researcher**, Environmental Studies Department, University of California, Santa Cruz, USA
- 2016 **Postdoctoral Fellow**, Department of Biology, Western University, London, Canada
- 2012-2016 **Ecologist and Outreach Specialist**, Raincoast Conservation Foundation, Sydney, British Columbia, Canada
- 2011-2012 **Restoration Ecologist**, Coastal Painted Turtle Recovery Project, Vancouver, British Columbia, Canada
- 2007-2008 **Research Technician**, Howard Hughes Medical Institute – Janelia Farm Research Campus, Ashburn, Virginia, USA

PUBLICATIONS

Suraci JP, Clinchy M, Zarette LY. (*in press*) Do large carnivores and mesocarnivores have redundant impacts on intertidal prey? *PLOS ONE*.

Suraci JP, Roberts DJR Clinchy M, Zarette LY. (2017) Fearlessness towards extirpated large carnivores may exacerbate impacts of naïve mesocarnivores. *Behavioral Ecology*. doi:10.1093/beheco/arw178

Suraci JP, Clinchy M, Mugerwa B, Delsey M, Macdonald D, Smith JA, Wilmers CC, Zarette LY. (2017) A novel Automated Behavioural Response system to integrate playback experiments into camera trap studies. *Methods in Ecology and Evolution*. doi: 10.1111/2041-210X.12711

Clinchy M, Zанette LY, Buesching C, Newman C, Roberts D, **Suraci JP**, Macdonald D (2016) Fear of the human "super predator" exceeds that of extant and extinct large carnivores in a model mesocarnivore. *Behavioral Ecology*, 27:1826-1832

Featured Frontiers in Ecology and Evolution and covered by several North American and International media outlets

Suraci JP, Clinchy M, Dill LM, Roberts D, Zанette LY (2016) Fear of large carnivores causes a trophic cascade. *Nature Communications*, 7:10698

Featured in BioScience and covered by at least 80 media outlets (including Washington Post, the Atlantic, NPR) in more than 20 countries

Suraci JP, Clinchy M, Zанette LY, Currie MA, Dill LM (2014) Mammalian mesopredators on islands directly impact both terrestrial and marine communities. *Oecologia*, 176:1087-1100.

Zанette LY, Clinchy M, **Suraci JP** (2014) Diagnosing predation risk effects on demography: can measuring physiology provide the means? *Oecologia*, 176:637-651.

Robinson JPW, White ER, Wiwchar LD, Claar DC, **Suraci JP**, Baum JK (2014) The limitations of diversity metrics in directing global marine conservation. *Marine Policy* 48:123-125

Suraci, JP and Dill LM (2013) Short timescale rate maximization by gulls and implications for predation on size-structured prey. *Behavioral Ecology*, 24: 280–292.

Suraci, JP and Dill LM (2011) Energy intake, kleptoparasitism risk, and prey choice by Glaucous-winged Gulls (*Larus glaucescens*) foraging on sea stars. *Auk*, 128: 643-650.

Kilburn VL, Ibáñez R, Sanjur O, Bermingham E, **Suraci JP**, Green DG (2011) Ubiquity of the Pathogenic Chytrid Fungus, *Batrachochytrium dendrobatidis*, in Anuran Communities in Panamá. *EcoHealth*, 7: 537-548.

PUBLICATIONS IN POPULAR MEDIA

Suraci JP (2016) The power of fear. *Biosphere Magazine*.

GRANTS, FELLOWSHIPS, AND AWARDS

2015	King-Platt Fellowship (\$13000)
2014	UVic President's Research Scholarship (\$4000)
2014	Animal Behavior Society George Barlow Most Outstanding Graduate Student Grant (\$2000)
2014	Best Talk Award - University of Victoria Graduate Symposium
2013	Maureen de Burgh Memorial Scholarship (\$425)
2013	Edward Bassett Family Scholarship (\$2500)
2013	UVic President's Research Scholarship (\$4000)
2013	Best Talk Award - University of Victoria Graduate Symposium
2013	Best Talk Award – Pacific Ecology and Evolution Conference
2012-2015	NSERC Industrial Postgraduate Scholarship (\$62000)

- 2012 **W. Gordon Fields Memorial Fellowship (\$958)**
- 2012 **UVic Outstanding Graduate Entrance Award (\$5000)**
- 2010 **Glen Geen Graduate Scholarship in Marine Biology (\$800)**
- 2009 (Summer) **SFU Graduate Fellowship (\$6250)**
- 2009 (Fall) **SFU Graduate Fellowship (\$6250)**

INVITED TALKS AND CONFERENCE PRESENTATIONS

- 2016 Invited Talk, Wildlife Conservation Research Unit, Oxford University, Oxford, UK
- 2016 Invited Talk, Zoology Department, Oxford University, Oxford, UK
- 2016 Departmental Seminar, Biology Department, University of Victoria, Victoria BC, Canada
- 2016 Poster, Gordon Research Conference on Predator Prey Interactions, Ventura CA, USA
- 2015 Invited Talk, Green Point Lecture Series, Pacific Rim National Park, Tofino BC, Canada
- 2015 Invited Talk, Camosun College Wildlife Biology Program, Victoria BC, Canada
- 2014 Poster, Gordon Research Conference on Predator Prey Interactions, Ventura CA, USA
- 2014 Conference Presentation, Biology Symposium, University of Victoria, Victoria BC, Canada
- 2013 Conference Presentation, Pacific Ecology and Evolution Conference, Bamfield BC, Canada
- 2013 Conference Presentation, Biology Symposium, University of Victoria, Victoria BC, Canada
- 2012 Conference Presentation, Biology Symposium, University of Victoria, Victoria BC, Canada
- 2011 Les Ecologist Seminar, Biology Department, Simon Fraser University, Burnaby BC, Canada
- 2011 Conference Presentation, Pacific Ecology and Evolution Conference, Bamfield BC, Canada
- 2011 Conference Presentation, Interdepartmental Ecology of Aquatic Sciences (IDEAS) Symposium, Simon Fraser University, Burnaby BC, Canada
- 2010 Conference Presentation, Pacific Ecology and Evolution Conference, Bamfield BC, Canada
- 2010 Conference Presentation, Interdepartmental Ecology of Aquatic Sciences (IDEAS) Symposium, Simon Fraser University, Burnaby BC, Canada

GUEST LECTURES

- 2015 Study Design and Analysis (BIOL 330), University of Victoria, Victoria BC, Canada
- 2015 Grade 11 Science Class (lecture on large carnivore conservation), Spectrum High School, Victoria BC, Canada
- 2014 Study Design and Analysis (BIOL 330), University of Victoria, Victoria BC, Canada
- 2010 Vertebrate Biology (BISC 316), Simon Fraser University, Burnaby BC, Canada

TEACHING

- 2015 Workshop - Introduction to Data Visualization in R, EcoStats R Workshop Series, University of Victoria, Victoria BC
- 2015 Teaching Assistant - Evolution and Biodiversity (BIOL 184), University of Victoria, Victoria BC
- 2014 Workshop - Introduction to Plotting and Graphics in R, EcoStats R Workshop Series, University of Victoria, Victoria BC
- 2013 Mentor - Undergraduate Honours Student Devin Roberts, Biology Department, University of Victoria, Victoria BC, Canada
- 2010 Teaching Assistant - Vertebrate Biology (BISC 316), Simon Fraser University, Burnaby BC, Canada
- 2008 Teaching Assistant - General Biology (BISC 102), Simon Fraser University, Burnaby BC, Canada
- 2006 Teaching Assistant - Introductory Organismal Biology, University of Virginia, Charlottesville VA, USA

SERVICE AND OUTREACH

- 2012-2016 Website Manager - Ecology@Uvic Group (interdepartmental group of ecology faculty, postdocs, and grad students at the University of Victoria that holds weekly meetings and a seminar series)
- 2012-2015 Co-founder and Organizer - Stats Therapy (weekly drop-in statistics help group at the University of Victoria, attended by grad students and postdocs from several departments)
- 2012-2015 Fundraiser - Raincoast Conservation Foundation, Sydney BC, Canada
- 2014 Wildlife Conservation Outreach - High school and middle school students, Penelakut Island BC, Canada
- 2013-2014 Co-founder and Organizer - EcoStats R Workshop Series, University of Victoria
- 2012-2013 Organizer - Ecology@Uvic weekly meetings and seminar series
- 2011 Wildlife Conservation Outreach - Coastal Painted Turtle Project (multiple outreach events throughout southeastern BC, focused on freshwater species conservation)
- 2009-2010 Events Coordinator - Biology Graduate Caucus, Simon Fraser University