

## Eric Daniel Fournier

**Home Address** | 321 West Montecito Street, Apartment C, Santa Barbara, CA, 93101

**Work Address** | 3007 Bren Hall, University of California, Santa Barbara, CA, 93106

**Mobile** | 310-746-6925 **Email** | [me@ericdfournier.com](mailto:me@ericdfournier.com) **Website** | [www.ericdfournier.com](http://www.ericdfournier.com)

## Education

**Doctor of Philosophy | UC Santa Barbara, Bren School of Environmental Science & Management**

Dissertation: *The Energy-Water Efficiency of Recycling Wastewater Via Groundwater Recharge*

Committee: Dr. Arturo A. Keller [Chair], Dr. Roland Geyer, Dr. James Frew

2015

**Master of Arts | UC Santa Barbara, Geography Department**

Committee: Dr. James Frew [Chair], Dr. Keith Clarke, Dr. Phaedon Kyriakidis

2015

**Master of Science | Yale University, School of Forestry & Environmental Studies**

Masters Thesis: *LEED® for New Laboratory Development: Using Green Chemistry to Overcome the Hurdles to Sustainable Laboratory Design*

Committee: Dr. Paul T. Anastas [Chair], Dr. Julie B. Zimmerman

2010

**Bachelor of Science | Bucknell University, Environmental Science Department**

Honors Thesis: *A Comprehensive Assessment of Bucknell University's Campus Energy Profile with Performance Simulations for Various Facilities*

Committee: Dr. Molly McGuire [Chair], Dr. Peter Stryker

2008

## Work Experience

**Teaching Assistant | 20 hrs/wk, 8 months/yr.**

Graduate Level Courses in GIS, Landscape Ecology, & Biogeochemistry, Santa Barbara, CA

Graduate Level Courses in GIS & Remote Sensing, New Haven, CT

2008 - 2013

**Graduate Student Researcher | 15 hrs/wk, 8 months/yr.**

UC Santa Barbara Earth Resource Institute, Santa Barbara, CA

Yale Center for Green Chemistry and Green Engineering, New Haven, CT

2008 - 2013

**Sustainable Design Consultant | 40 hrs/wk, 3 months/yr.**

Perkins + Will Architecture and Design, Atlanta, GA

2008 - 2009

**Laboratory Assistant | 35 hrs/wk, 4 months/yr.**

Specialty Laboratories Inc. Esoteric Clinical Testing, Valencia, CA

2005 - 2006

## Fellowships & Awards

**UC Santa Barbara** | Walton Family Foundation Sustainable Water Markets Fellow, Toyota Motor Company Fellow

**Yale University** | Yale University School of Forestry & Environmental Studies Endowed Scholarship Recipient

**Bucknell University** | Phi Beta Kappa, Magna Cum Laude, University Prize in Environmental Studies, President's Award for Distinguished Academic Achievement, McKenna Foundation Undergraduate Research Fellow

## Skills

**Theoretical** | Genetic & Evolutionary Algorithms, Combinatoric Optimization, Computational Geometry

**Applied** | Geographic Information Systems, Statistical Inference & Machine Learning, Multi-criteria Decision Support

## Languages

**Human** | English [Native], French [Advanced], Swahili, Spanish [Basic]

**Machine** | C, C++, CUDA, Go, MATLAB, Python, R [Advanced], HTML, KML, JavaScript [Intermediate]