

Nathaniel Grimes

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EDUCATION

2023 **Ph.D in Environmental Science & Management**

University of California at Santa Barbara

Bren School of Environmental Science & Management

Environmental Economics, Econometrics, and Conservation Finance

Thesis: Leveraging private capital to improve natural resource management

Advisor: Dr. Christopher Costello

2018 **MESM, Master of Environmental Science & Management**

University of California at Santa Barbara

Bren School of Environmental Science & Management

Economics and Politics of the Environment Specialization

Thesis: Recovery of the Chilean Hake (*Merluccius gayi gayi*) through impact investing

Advisor: Dr. Christopher Costello

2014 **B.A in Economics** *summa cum laude*

B.S in Marine Science *summa cum laude*

Coastal Carolina University

Thesis: Institutions of the Shark Fin Market: Externalities and Incentives

Advisor: Dr. Robert Salvino

PUBLICATIONS

Grimes, N.G., (2018), “Institutions of the Shark Fin Market: Incentives and Externalities”, *Review of Business: Interdisciplinary Journal on Risk and Society*, 38(2), 44-60

Saeger, J.T., **N.G. Grimes**, E.H. Rickard, and E.E. Hackett (2015), “Evaluation of Simplified Evaporation Duct Refractivity Models for Inversion Problems”, *Radio Science*, 50

TEACHING EXPERIENCE

Teaching Assistant for graduate-level courses

2022 ESM 244 – Advance Data Analysis with Casey O’Hara (60+ students)

2020 ESM 242 – Natural Resource Economics and Policy with Dr. Andrew Plantinga

Lead Teaching Assistant

2020 ES 2 – Introduction to Environmental Science with Dr. Stephanie Moret (500+ students)

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2019 ES 2 – Introduction to Environmental Science with Dr. Stephanie Moret (500+ students)

2018 ECON 9 – Introduction to Economics with Dr. Cythina Benelli (100+ students)

Teaching Assistant

2017 ES 2 – Introduction to Environmental Science with Dr. Stephanie Moret (500+ students)

MCDB 1 – Introductory Biology Lab with Dr. Alice Nguyen (900+ students)

2016 MCDB 1 – Introductory Biology Lab with Dr. Alice Nguyen (900+ students)

Workshops

2022 Bren Advanced Excel Workshop (40+ attendants)

2021 Bren Advanced Excel Workshop

Bren Intermediate Excel Workshop (60+ attendants)

Bren Beginner Excel Workshop (60+ attendants)

GRANTS AND SCHOLARSHIPS

2020 Kuni Fellowship – Bren School, UC Santa Barbara

2016 Donald Bren Foundation Fellowship – Bren School, UC Santa Barbara

2014 Coastal Alumni Endowed Scholarship – Coastal Carolina University

2012 Rebecca Jones Memorial Scholarship – Coastal Carolina University

AWARDS AND HONORS

2014 Marine Science Student of the Year – Coastal Carolina University

2014 Economics Student of the Year – Coastal Carolina University

2014 Best Paper in session – Global Business Research Symposium, Krakow Poland

2014 Best Discussant in session – Global Business Research Symposium, Krakow Poland

RESEARCH EXPERIENCE

2021 Graduate Student Researcher – Environmental Markets Lab, UC Santa Barbara
Project: Design and implementation of fisheries insurance

2020 Graduate Student Researcher – Environmental Markets Lab, UC Santa Barbara
Project: Assessment of financial risk tools in fisheries

PROFESSIONAL EXPERIENCE

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- 2017 Environmental Defense Fund
Fishery Solutions Intern
- 2014-2016 Bimini Biological Field Station Foundation
Operations Manager

PRESENTATIONS

- 2017 Presenter, “Impact Investment Intervention Proposals to Support the Recover of the Merluza in Chile”, Management Committee. Valparaiso, Chile
- 2016 Presenter, “How to Read Scientific Papers: Translating the Literature to Writing Research Papers”, University of California at Santa Barbara
- 2015 Presenter, “Status of Bimini Biological Field Station Acoustic Telemetry Array”, Florida Acoustic Coastal Telemetry Meeting. Tequesta, FL
- 2014 Presenter, “Institutions of the Shark Fin Market: Externalities and Incentives”, Business Research Symposium. Krakow, Poland
- Poster, “Assessment of Evaporation Duct Models in Radar Propagation Simulations”, National Conference of Undergraduate Research, Lexington, KY
- Presenter, USNC-URSI National Radio Science Meeting, Boulder, CO

MENTORSHIPS

Master’s Group Theses Mentored (Client in parentheses)

- 2020 Quota Baskets: Exploring Alternative Groupings for Fisheries Management
(Environmental Defense Fund)
Students: Mauricio Collado, Gabriel De La Rose, Kat Leigh, Siya Qiu

SERVICE POSITIONS

- 2020 Ph.D Symposium Committee Chair, Bren School
- 2019 Ph.D Symposium Committee, Bren School
- 2016-2018 Dean’s Advisory Council, Bren School
- 2015- 2018 Treasurer, Bimini Biological Field Station

TECHNICAL SKILLS & CERTIFICATIONS

Computer: Proficient in MATLAB and R programming including RMarkdown, Shiny, and Latex; Experienced in GitHub; experience with STATA; Microsoft Office Suite (Word, PowerPoint, Excel, VBA, etc.); Quickbooks financial software