Quarter: Spring 2017

Course Title: Darwin, Evolution and Galapagos: Big Lessons from Little Islands
Course Code: BIO 10
Instructor: William H. Durham

Course Summary: In weekly lectures and discussions, we will take a close look at the major lessons humanity has learned from the Galapagos Islands. We will use a single published text (2016 version of Tui de Roy, Galapagos: Preserving Darwin’s Legacy) and prepublication chapters (posted online) of the instructor’s own forthcoming book.

*Please see course page for full description and additional details.

Grade Options and Requirements:

- No Grade Requested (NGR)
  - This is the default option. No work will be required; no credit shall be received; no proof of attendance can be provided.
- Credit/No Credit (CR/NC)
  - Students must attend at least 80% of class sessions.

*Please Note: If you require proof that you completed a Continuing Studies course for any reason (for example, employer reimbursement), you must choose the Credit/No Credit option. Courses taken for NGR will not appear on official transcripts or grade reports.

Tentative Weekly Outline:

Tuesdays will be used for lectures and discussion with titles as shown. We’ll hold informal and completely optional “office hours” in the classroom each Tuesday night right after class.

1 T 4/4 Introduction: Tough Times for the Only Tropical Albatross
   Durham 2017, Ch 1 (on Canvas); De Roy 2016, Ch 17

2 T 4/11 A Different Tortoise on Every Volcano: The “Secret Recipe” of Galapagos
   Durham Ch 2; De Roy 11 and 24
3  T  4/18  Darwin’s Path to the Discovery of Evolution
Durham 2012, “What Darwin Found Convincing in Galápagos” (on Canvas)

4  T  4/25  Generals, Goats, and Globalization: Galápagos Derailed
Durham Ch 3; De Roy 25 and 27
Galápagos: A Protected Area with Several Designations (Guest Lctr, Dr. Matar)
Post-class Happy Hour & Feedback

5  T  5/2  Awesome Adaptations: Marine Iguanas and Finches
Durham Ch 4; De Roy 12 and 13

6  T  5/9  Advantage of Being Flightless: The Galápagos Cormorant
Durham Ch 7, De Roy 18 and 19

7  T  5/16  Fishing in a Common Pool: Stewardship in an Evolving Socio-Ecological System
Durham Ch. 8, De Roy 9 and 28

8  T  5/23  The Giant Daisies of Galápagos: Where Did They Come From?
Adaptive Management in Galápagos: Is it Working? (Guest Lecturer, Dr. Matar)
Durham Ch 5, De Roy 7 and 14
Post-class Happy Hour & Feedback

Please contact the Stanford Continuing Studies office with any questions
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