

Dana Godrich

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Education

Rutgers University School of Arts and Sciences, New Brunswick, NJ 2014- May 2018
Genetics Major (Computational Genetics Route)

Work Experience

Australian Museum, Sydney, Australia Summer 2017

Intern – Malacology Department

- Researcher on Lord Howe Island Terrestrial Snail Evolution and Radiation project
- Responsibilities include: DNA digestions, PCR, gel electrophoresis, phylogenetic tree building, evolutionary analysis, organization of wet and dry samples, biodiversity and island biogeography studies, specie photography

Relevant Coursework

Genetics of Big Data Spring 2017

- Skills acquired: R programming, Bioconductor packages, computational statistical analysis, data organization and visualization using ggplot2

Evolutionary Genetics Fall 2016

- Skills acquired: MEGA7, PHYLIP, technical scientific writing, full phylogenetic analysis, population genetics statistical software

Ethical, Legal, and Social Implications of Genetics Fall 2017

Organic Chemistry Laboratory Fall 2017

Computer Science and Data Structures Spring 2017

Introduction to Research in Genetics Laboratory Spring 2016

Introduction to Experimentation in Chemistry Spring 2015

Biology Research Laboratory Fall 2015

Leadership

Association of Undergraduate Geneticists (AUG) of Rutgers Fall 2015-Present

Vice President

- Plan club meetings, retain members, network with colleagues and professors, effectively communicate skills, ideas, and current events, and organize an annual Fall Eat and Greet and Spring Benefit

Rutgers Jewish Experience Fall 2014-Present

Board Member, International Connections Chair

- Organized and publicized major club events and managed allotment of money

Additional Skills and Interests

Skills: JavaScript, R programming, statistics, MS office

Activities and Hobbies: Journaling and writing including blogging, hiking/trailing,

Sudoku, photography/photo editing, badminton, traveling