

Laura Gardner

Department of Earth and Planetary Sciences, Northwestern University, Evanston, IL
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Research Interests

I am fascinated by the composition, dynamics, and history of the hidden reaches of our planet. In my primary research, I study mineral inclusions in super-deep diamonds to investigate the quantity of water within Earth and its origin.

Education

Northwestern University

Evanston, Illinois
2019 – Present
Ph.D. Student, Earth and Planetary
Sciences
Mineral Physics Lab
Advised by Dr. Steven Jacobsen

University of KwaZulu-Natal

Pietermaritzburg, South Africa
January 2008 – June 2008
Study abroad

University of California Los Angeles

Los Angeles, California
2004 – 2008
B.S. in Environmental Science, Minor
in Geography and Environmental
Studies

Conference Abstracts

COMPRES 2021

Gardner, L., Rivers, M.L., Shirey, S.B., Pearson, D.G., Jacobsen, S.D. 2021. High-resolution imaging of polyphase microinclusions in diamond using pink beam tomography at GSECARS. Virtual.

Skills & Experience

- Teaching Assistant for Earth 300: Earth and Planetary Materials, Winter 2020 and Winter 2022
- Basic programming in Python
- Perple_X for exploring mineral phases of Earth's mantle
- Field experience in rangeland ecology
- Training small groups
- Collateral material development

Recent Employment

Lookie Lou, LLC, Glenview, Illinois: eCommerce website

2013 - 2016

Owner and Operator

Seesmart, Inc., Simi Valley, California: LED lighting manufacturer

2009 - 2013

Director of Marketing and Branding - October 2009 - September 2013

Executive & Marketing Assistant - February 2009 - October 2009

Internships

Department of Recreation and Parks, Los Angeles, California

2007

Griffith Park Fire Recovery Task Force Liaison

Southern Alliance for Clean Energy, Knoxville, Tennessee

2005

Media Intern

Academic Recognition

University of California Los Angeles

- Graduated summa cum laude
- Academic Achievement Award for Environmental Science
- Dean's Honors List, nine quarters
- Jim Varney Scholarship, awarding four years of room, board, and tuition for academic achievement and dance experience

