

DANIELLA GUTIERREZ EASLEY

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UNIVERSITY EXPERIENCE

Doctor of Philosophy: Geology – Geochemistry, 3.75 GPA, 2019-2023

The University of Houston – Houston, TX

- Dissertation focus areas: (1) Chromatographic analysis of carbazole-species molecules and (2) Ultimate Expellable Potential (UEP) modeling of late Cretaceous source rocks (northern South America)
- 2021 AAPG IBA Basin Modeler – 2nd Place Regional Championship Team
 - Intensive 3-month, full cycle play and prospect development from raw seismic and well data; delivered hydrocarbon occurrence, geochemistry, and basin modeling supporting prospects.
- Research Assistant/Teaching Assistant Fellowships:
 - TA Positions: Undergraduate Physical Geology Lab - Head TA (2 sessions), Lead TA (4 sessions), and Assistant TA (1 session). Head TA for all Professional Master's Program Courses (PM-EAS) with oversight of three Geology and three Geophysics courses (1 session)
 - RA Position: Research Assistant for Conjugate Basins, Tectonics, & Hydrocarbons Project (CBTH)

Bachelor of Science: Geology, 3.04 GPA, 2017-2019

Colorado State University – Fort Collins, CO

Bachelor of Science: Anthropology, 3.74 GPA, 2012-2014

Texas State University – San Marcos, TX

INDUSTRY EXPERIENCE

Intern (Hydrocarbon Charge and Geochemistry Chapter), Summer 2023

Chevron Technical Center, Chevron Corporation – Houston, Texas

Intern (Petroleum Systems Specialist), Summer 2022

Hess Corporation – Houston, Texas

- Internship completed within the Petroleum Systems Analysis Group in GoM Exploration and Production.
- Multidisciplinary project assignment centered on the creation and comparison of downhole temperature correction algorithms for an approximation of static formation temperature from wireline data.
- Successfully determined methods for correction in Stampede Field which approximate formation temperature within <1% deviation of a calibrated basin model. Developed methodologies were immediately applied to active exploration for Huron and Black Pearl, GoM.

Lead Hydrocarbon Research Analyst, 2016 - 2017

Zedi Inc. (formerly Precision Analysis) – Greeley, Colorado

- Implementation of new analytical techniques into the laboratory from published methods, writing the lab SOP, and training technicians across the US.
- Largest project included adjustment of a molecular weight analysis method to fit the client's needs, which secured a \$10M contract with a major production company in the Upper DJ Basin.

Wellsite Geoscientist/Unit Manager, 2014 - 2016

Previously Logging Specialist (Mudlogger)

Weatherford International – Houston, Texas

- Logging of 60+ unconventional wells within the Permian Basin (onshore) and Gulf of Mexico (offshore)
- Alongside regular duties of mudlogging and managing the field team, I was assigned to a specific team which tested analytical techniques and reporting methods not commonly employed at offshore and onshore drilling rigs to increase efficiency and future bid prospects.

PUBLICATIONS

Easley, D.G., Malloy, T.B., Curiale, J.A., and Bissada, K.K., 2022. *Quantitative analysis of carbazoles and hydrocarbons in condensates and oils using comprehensive GC–MS/MS and comparative GC–MS analyses*: Organic Geochemistry, v. 171, p. 1-17.

Easley, D.G.*, Pepper, A., and Mann, P., 2022. *Hydrocarbon potential of source rocks from Trinidad to Guyana: An application of ultimate expellable potential (UEP) acme modeling*: American Association of Petroleum Geologists, International Meeting for Applied Geoscience and Energy, Extended Conference Abstract, Houston, Texas, August 29-September 1, 2022.

Magloughlin, J.F. and **Easley, D.G.***, 2019. *Geochemistry and interpretation of garnet and manganese-rich metasedimentary rocks ('coticles') in the Chiwaukum Schist, North Cascade Mountains, Washington*: Geological Society of America, Cordilleran Section Meeting, Extended Conference Abstract, Portland, Oregon, May 16, 2019.

RESEARCH AWARDS

2022 Robert E. Sheriff Lecture Series, HGS - 1st Place Research Presentation, Advanced PhD Category
“*Evaluation of the tectonic, paleogeographic, and global isotopic excursions on organic deposition and preservation in Trinidad and Guyana: An application of expellable potential modeling*”

2022 Student Expo, Houston Geological Society (HGS) - 4th Place Research Presentation
“*Variations in the expellable potential of Late Cretaceous source rocks from Trinidad to Guyana: An evaluation of the influence of tectonic, paleogeographic, and global isotopic excursions on organic deposition and preservation*”

2021 Robert E. Sheriff Lecture Series, HGS - 2nd Place Research Presentation, Advanced PhD Category
“*Distinguishing petroleum source rock acmes across northern South America: An application to evaluate the potential of the Albian to Maastrichtian Guyana Basin*”

2021 Student Expo, Houston Geological Society (HGS) - 4th Place Research Presentation
“*Distinguishing unique late Cretaceous source rock intervals from western Venezuela to Suriname*”

2020 Student Expo, American Association of Petroleum Geologists (AAPG) - 4th Place Research Presentation -
“*Geologic influence on carbazole concentration in crude oil and quantitative analysis by gas chromatography- triple quadrupole mass spectrometry*”

2018 Dept. Expo, Warner Co. of Natural Resources, CSU - Honorable Mention, Undergraduate Poster Category
“*Geochemistry and interpretation of garnet and manganese-rich metasedimentary rocks ('coticles') in the Chiwaukum Schist, North Cascade Mountains, Washington*”

PROFESSIONAL AFFILIATIONS

- **Geophysical Society of Houston (GSH)**; Active Volunteer/Student Member, 2022 – Present
- **American Association of University Women (AAUW)**; Student Member, 2022 – Present
- **European Association of Geoscientists and Engineers (EAGE)**; Student Member, 2021 – Present
- **Society of Exploration Geophysicists (SEG)**; Student Member, 2021 – Present
- **Houston Organic Geochemical Society (HOGS)**; Student Member, 2019 – Present
- **Houston Geological Society (HGS)**; Active Volunteer/Student Member, 2018 – Present
- **American Association of Petroleum Geologists (AAPG)**; Active Volunteer/Officer, 2017 – Present

STUDENT LEADERSHIP

President, AAPG Wildcatters Student Chapter, 2022-2023

The University of Houston – Houston, Texas

- Recently elected position on the platform to: (1) Expand the ‘Diversity and Inclusion Lecture Series’, (2) Co-host events with SEG Wavelets Chapter, and (3) Continue conference funding for all students.

Treasurer, AAPG Wildcatters Student Chapter, 2021-2022

The University of Houston – Houston, Texas

- Created the ‘Diversity and Inclusion Lecture Series’ to connect students with industry mentors and secured industry funding to support the initiative.
- Fundraised industry sponsorships for ten students to attend the 2022 AAPG-SEG IMAGE Conference.

Public Relations Officer, AAPG Student Chapter, 2018-2019

Colorado State University – Fort Collins, Colorado

- Through local outreach, organized tours with industry laboratories and recruited event speakers.

Treasurer, Experimental Archaeology Club, 2012-2014

Texas State University – San Marcos, Texas

TRAINING & CERTIFICATIONS

***Affirm Ally Leadership Certificate, Apr 2023 – LeadUH/LGBTQ Resource Center, University of Houston**

- Training program to increase students’ knowledge and understanding of the lives of LGBTQ people and to gain skills in how to be an effective ally to the LGBTQ community.
- Sessions/Courses: *Cougar Ally Training, Awareness Workshop, Inclusive Language, Volunteer Day, and Reflection Paper* (12 hours)

***Committed Coog Faculty Certificate, Mar 2023 – Center for Diversity & Inclusion, University of Houston**

- Program to increase staff/faculty awareness of their own culture and the culture of others to effectively support the diverse student population and work in inclusive teams.
- Sessions/Courses: *Diversity 101, Diversity 201, Inclusive Language, Power and Privilege, Awareness Workshop, Intercultural Development Inventory* (8 hours)

***Empower: Women’s Leadership Program Workshop, Mar 2023 –WGRC/SIG, University of Houston**

- Workshop focused on engagement in ally behavior and moving past performative allyship. Spring 2023 Theme: “*Good Trouble: Allyship in Action*” (6 hours).

Student Organization Leadership Development Certificate, Jan 2023 – LeadUH, University of Houston

- Training program for student organization leaders to effectively manage and lead their organizations.
- Sessions/Courses (3 hours): *SOLD 101, Communication Skills 101, Conflict Management, Goal Setting, Branding and Marketing, How to Effectively and Efficiently Budget, Recruitment and Retention*

LeadWELL Program Completion, Dec 2021 – LeadUH/UH Wellness, University of Houston

- Program focused on the relationship and balance between leadership and self-care
- Sessions/Courses: *Self-care Workshop, LEAD-ing Well, Mental Health First Aid, Meditation, and Capstone Reflection Paper* (6 hours)

**Completion in-progress*

Additional experience throughout completion of academic work include:

Owner/Cake Decorator, Rare Earth Confectionary (2017-Present)

Teacher – ACT/SAT and Math/Chemistry, Huntington Learning Center (2017-2019)

Cake Decorator, Daddy Cakes Bakery (2017-2019)

Bartender/Server, Chuy’s TexMex Restaurant (2009-2014)

Cake Decorator, Great American Cookie Co. (2006-2009)