

# Bianca Maya Majumder

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## EDUCATION

University of Miami, Miami, FL (3.2 overall GPA) [August 2011-May 2015]

- B.S. in Geological Sciences (3.8 GPA) & B.A. in Biology (3.3 GPA)
  - University of Miami Dickinson Scholarship
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## EXPERIENCE

Physical Geology Graduate Teaching Assistant, University of Wyoming [Fall 2015]

- Lecture and conduct three laboratory sections for undergraduate Physical Geology

Undergraduate Mineralogy Teaching Assistant, University of Miami [Fall 2014]

- Designed, ran, and taught the laboratory for Mineralogy (upper level geology course) students w co-TA; topics include crystallography, mineral identification, and optical mineralogy

Paleoclimatology Lab Research Assistant, Virginia Key, Miami FL [August 2014-May 2015]

- The Rosenstiel School of Marine and Atmospheric Sciences, processing of sediment samples, extraction of foraminifera for stable isotope analysis, and XRF of cores for Dr. Larry Peterson for research on the factors of climate forcing in the Japan Sea between glacial and interglacial periods

CleanPowerPerks Apprenticeship, Boston, MA [June-August 2014]

- Clean-energy marketing apprenticeship, duties included marketing a brand based on providing clean energy to businesses and individuals in a small team

Hollister Co. Associate [June 2010-August 2013]

- Mostly customer service duties including tag lining incoming customers, cash register duties, and assisting customers with any questions or concerns. Duties also included helping verify daily cash accumulation, setting up new store displays, and handling stock and merchandise
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## SCIENCE FIELD WORK

ExxonMobil's Global Geoscience Guadalupe Mountains Field Course [March 2015]

- Recruited by the company to learn about basin analysis and hydrocarbon play elements in the Permian Basin of West Texas and Southeast New Mexico, networking within petroleum geoscience

West Texas/New Mexico Field Course [March 2014]

- 5 day field excursion led by Dr. Harold Wanless, analyzing fossil reef systems from the Mississippian, Pennsylvanian, and Permian

Newfoundland/Labrador, Canada Field Course [July 2013]

- Four-week field/laboratory course. Mapping, description and interpretation of rock and structural sequences, paleoenvironmental reconstruction, and interpretation of tectonic history

Coastal Ecology and Management of the Bahamas Field Course [June 2013]

- Field study in Great Exuma. Water quality monitoring, and coastal assessment. Individual research project and presentation.

Dominican Republic Field Course [March 2013]

- 5 day field excursion led by Dr. James Klaus and Dr. Donald McNeill, Coral Reef Deposits of the Dominican Republic/Geological Significance of Reefal Facies
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## LEADERSHIP/ACTIVITIES

President, Treasurer, *Beta Beta Beta* Biological Honors Society [Fall 2013—Spring 2015]

Secretary, *Sigma Gamma Epsilon* Environmental Science Honors Society [Fall 2014—Spring 2015]

CLEO Institute member, Miami, FL [Spring 2013—]

- Certified Member through attendance of lectures on current global climate change and assessment of knowledge
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## SKILLS

- Proficient in scanning electron microscopy (SEM)
- Gas Chromatography/Organic Chemistry Laboratory techniques
- Mapping/Field skills and water quality monitoring
- Proficient in Microsoft Office