

Working with Undergraduates: Individual Research

- What is the student's goal?
- What is your goal?
- How much time does the student have?
- Does the student have prior research experience?

Things I've learned:

- Test the method (thoroughly) before introducing it to the student
- Replicate measurements are your friend
- Undergrads require quite a bit of supervision (this varies by student)
- They are really good at helping each other
- Research group meetings are awesome
- They are really(!) productive if you can pay them 😊



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IODP
INTERNATIONAL OCEAN
DISCOVERY PROGRAM



TEXAS A&M UNIVERSITY

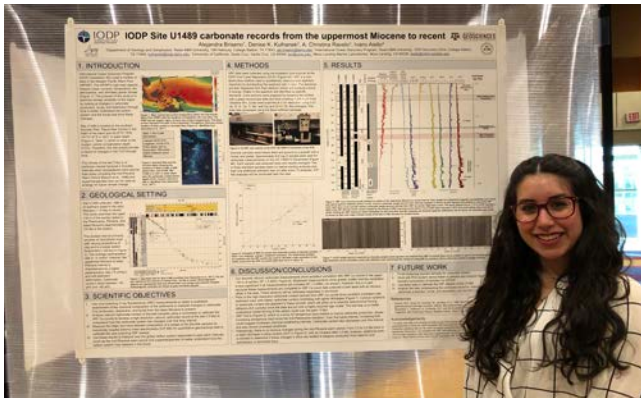
College of Geosciences



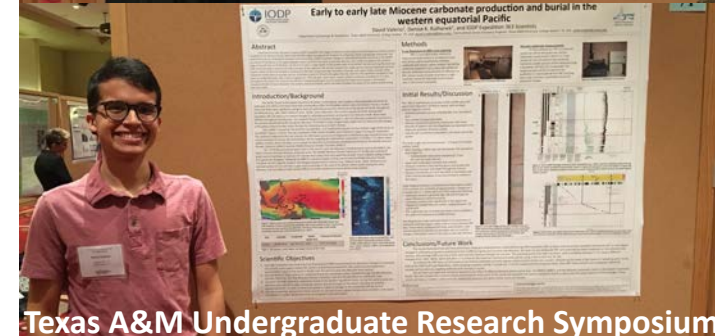
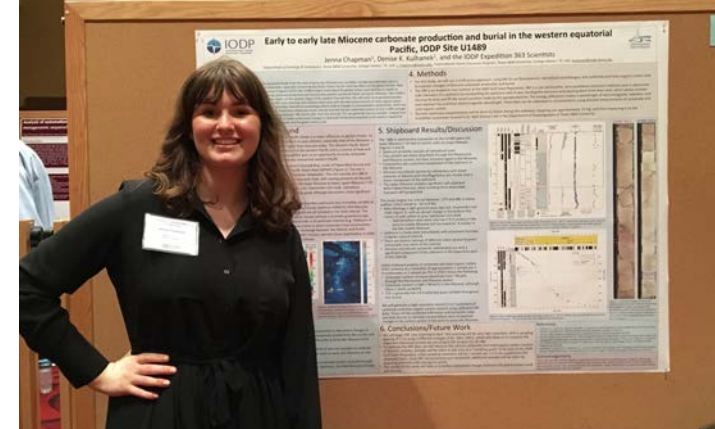
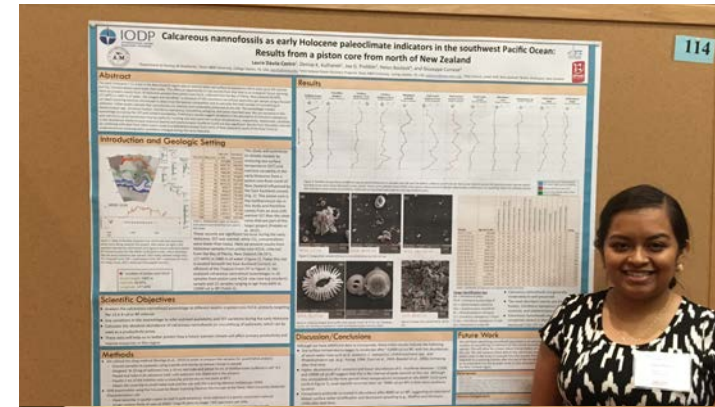
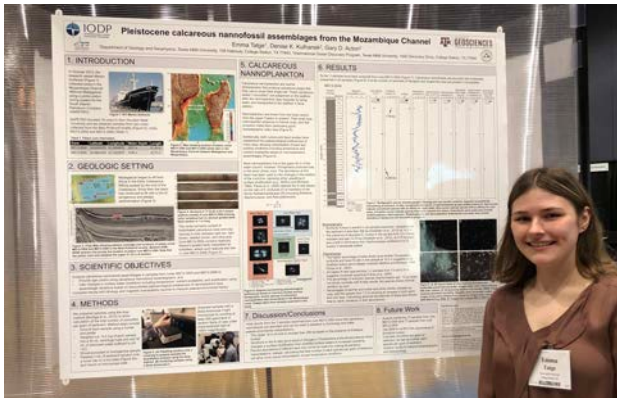
Using IODP material for undergraduate research

- If you sail on an IODP expedition:
 - Include funds for undergraduate research in your funding proposal (e.g., wages, measurements, travel to conferences)
 - Bring/send your undergrad(s) to help with XRF core scanning during the 2-month scanning window (cannot be PEA-funded)
- Legacy core material:
 - If you already have samples, take advantage of any equipment you have access to
 - Need samples? Request them:
<http://iodp.tamu.edu/curation/samples.html>

Encourage students to present their work at university symposia, regional, and national/international conferences!



GSA South-Central Section Meeting, Ft. Worth



Texas A&M Undergraduate Research Symposium