



Explorers by nature.

## The Open Science Approach: A Transferable Field School Model for Problem-Based Learning

Pat Harrison, Botanical Research Institute of Texas

April Sawey, Botanical Research Institute of Texas

Keri Barfield, Botanical Research Institute of Texas

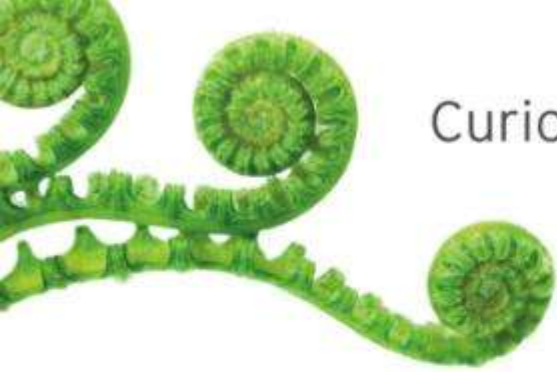
Karen Hall, Clemson University

Kent W. Bridges, retired-University of Hawaii-Manoa

Will McClatchey, Botanical Research Institute of Texas



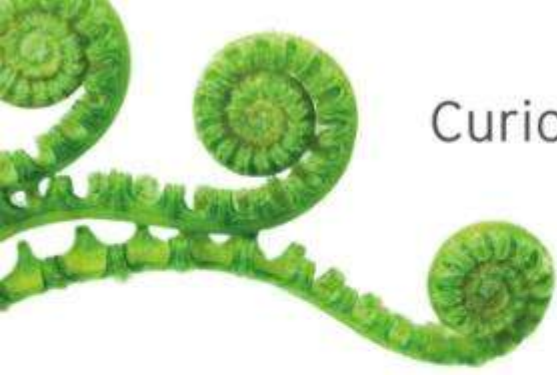
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SEED SCHOOL.  
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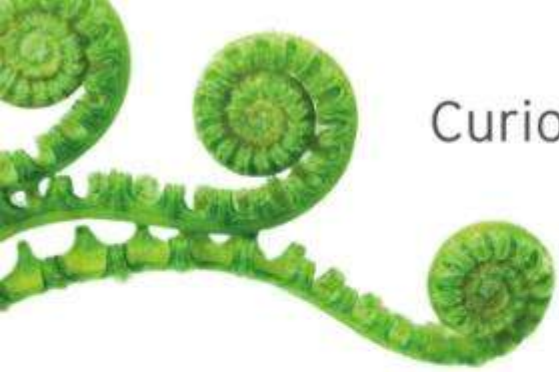


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# Conservation Ethnobiology Field School - Hawaii



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# Ethnobotany Field School - Hawaii



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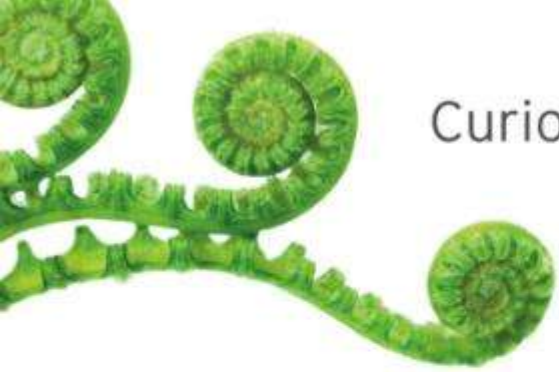


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# Ethnobotany Field School - Hawaii

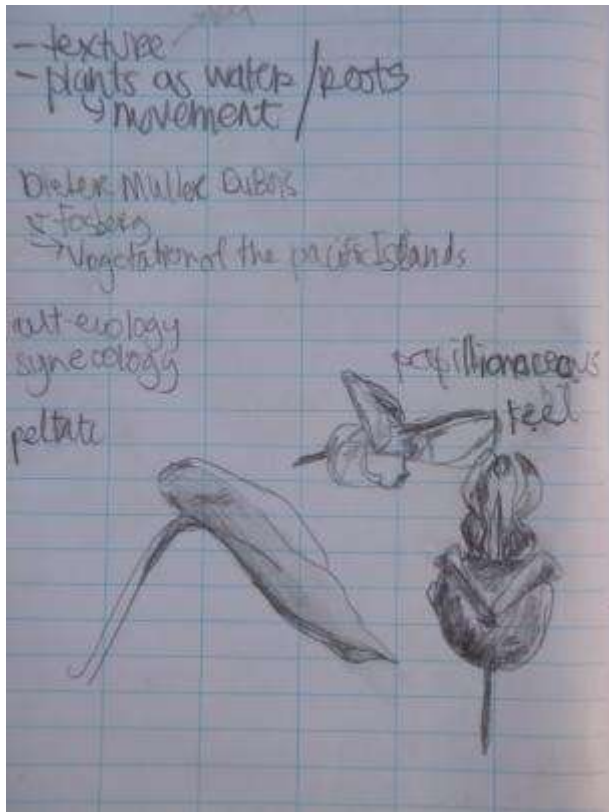


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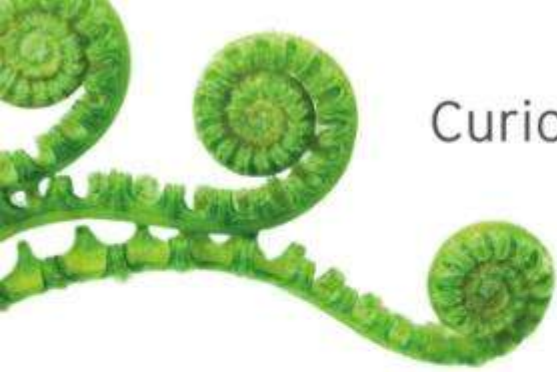


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# Ethnobotany Field School - Hawaii



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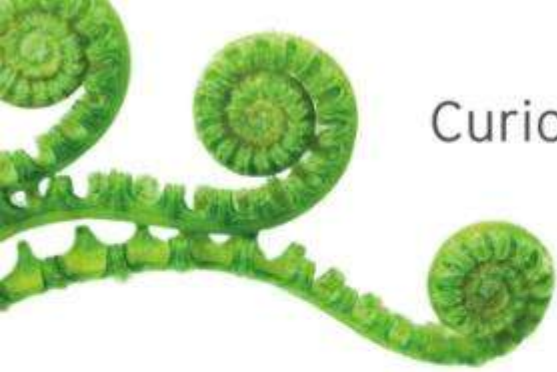


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# Ethnobotany Field School - Hawaii



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**BUT...**

**Is the model transferable to younger students?**



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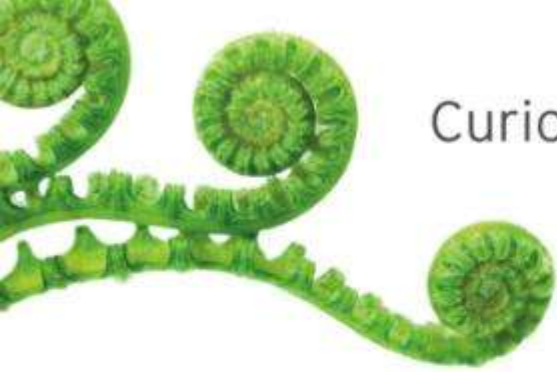


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# BRIT Field School – Fort Worth, TX



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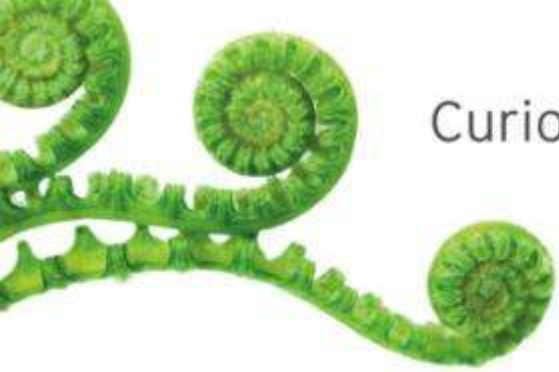


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# BRIT Field School – Fort Worth



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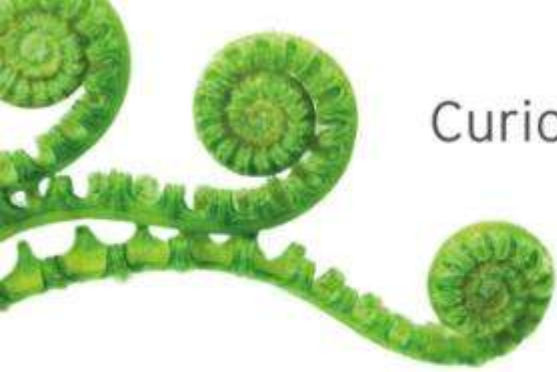


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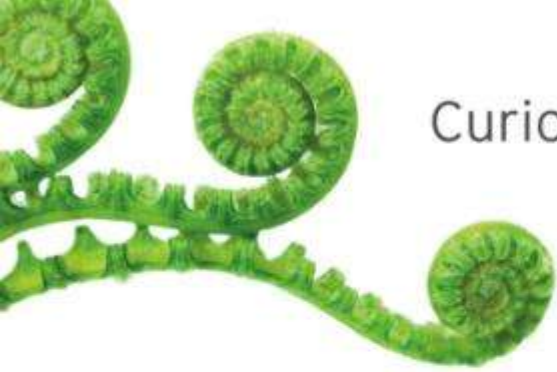
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## Journaling



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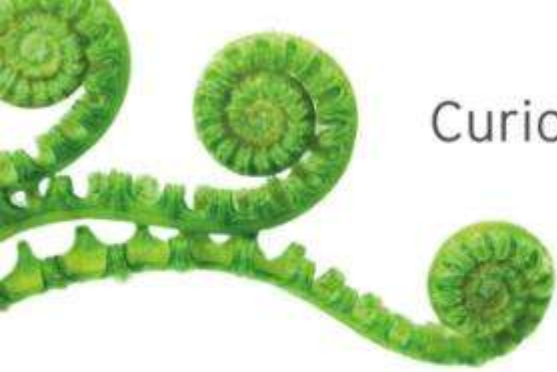
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**A lot of Journaling**



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# Photography



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## Gathering Data



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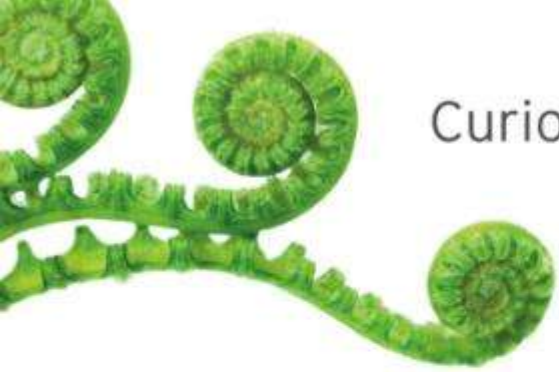


**Observing new organisms!**



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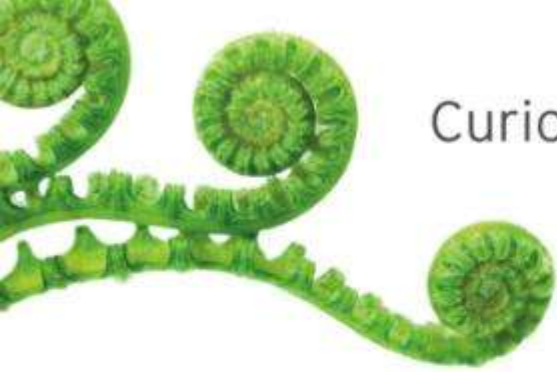


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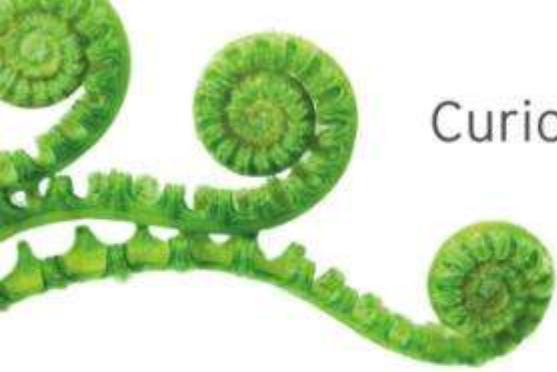


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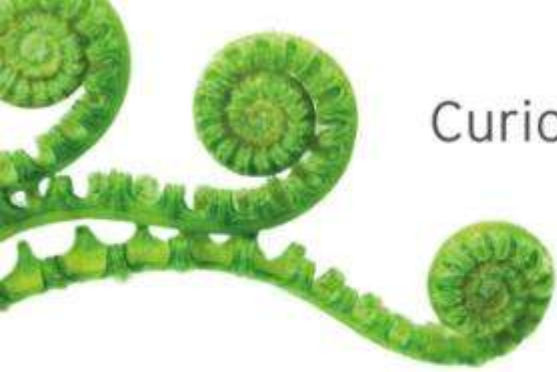


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**We Are Ready!**



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# Port Aransas, Texas Gulf Coast



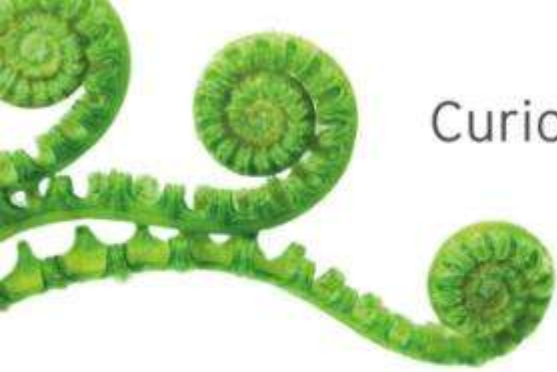
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# UT Marine Science Institute



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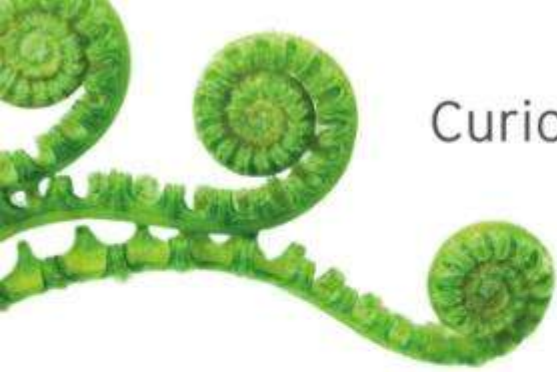


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# UT Marine Science Institute

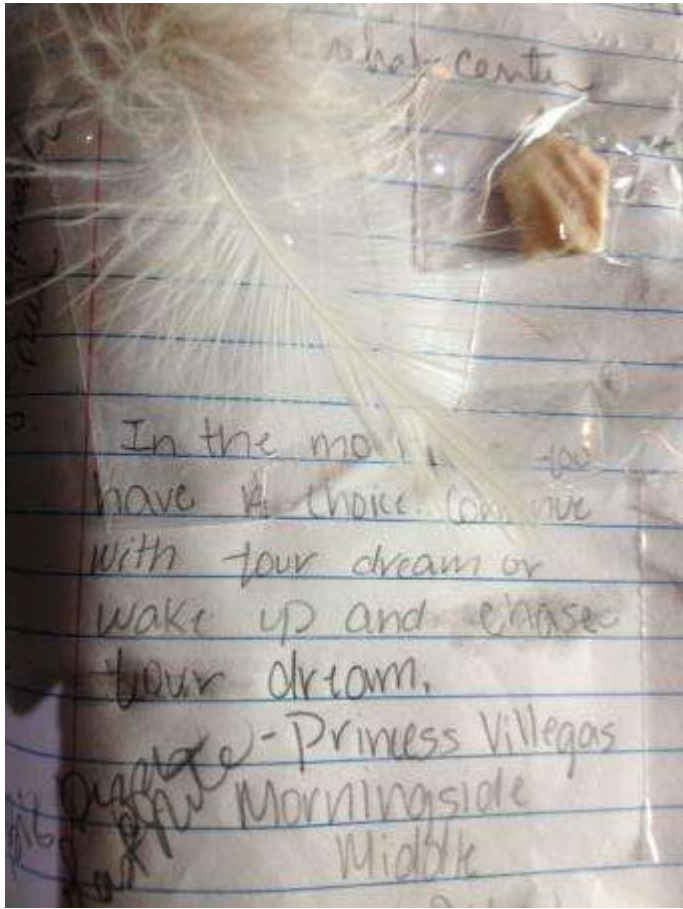


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# Welder Wildlife, Port A



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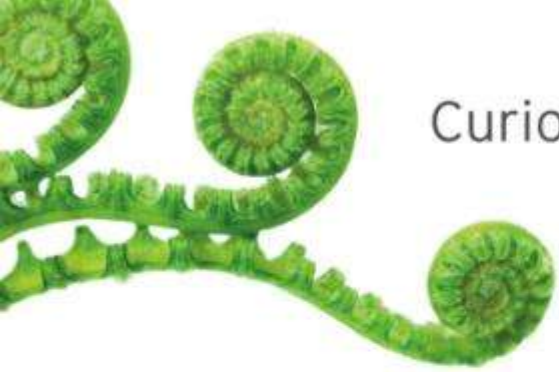
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# University of Texas – The Katy



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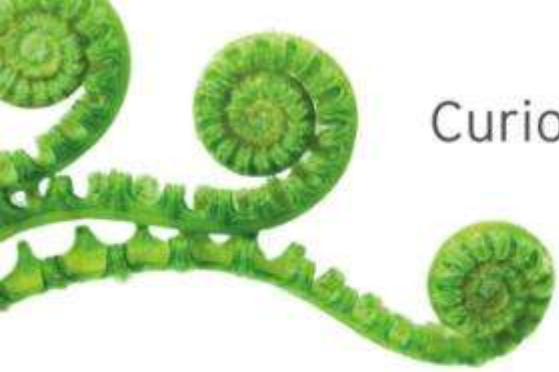


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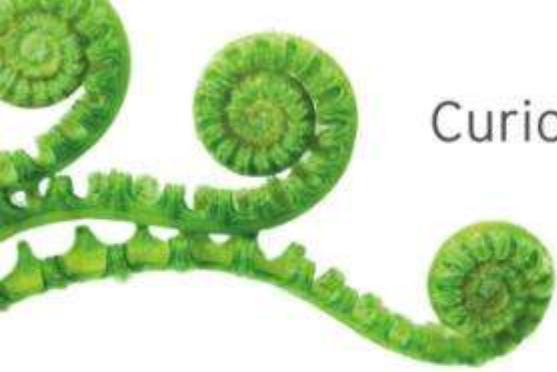
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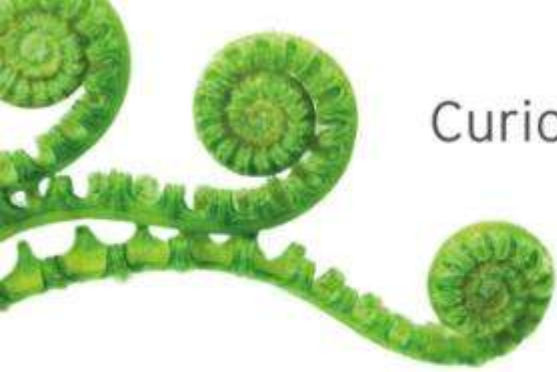


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## Reflection & Team Building



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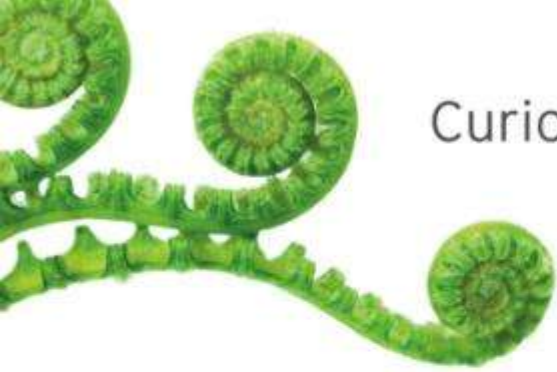


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**So... What was transferable and what was not?**



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