



# QUBES

The Power of **Biology** × **Math** × **Community**

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*QUBES Leadership Team and Advisory Board at the*

*Quantitative Biology Education Summit, February 2015 at NESCent.*

## Grand Opening

[QUBES](#) is finally opening to the masses! A one of a kind resource for education, research and collaboration in quantitative biology. Take a look at the [Getting Started](#) page and begin exploring!

[Learn more...](#)

## Our Mission

The mission of the Quantitative Undergraduate Biology Education and Synthesis (QUBES) project is to improve learning opportunities for all students enrolled in undergraduate biology courses by reflecting the centrality of quantitative approaches in modern biology.

### The Five Major QUBES Initiatives Include:

- coordinating the efforts and resources of disparate communities invested in promoting quantitative biology education

- supporting faculty understanding and implementation of specific quantitative biology concepts and teaching approaches
- increasing the visibility, utility, and adoption of existing quantitative biology materials and the capacity for peer educator interaction
- quantifying and tracking faculty contribution to quantitative biology education scholarship
- studying and disseminating the features of QUBES that increase implementation success.

[Learn more...](#)

## QUBES Near You

BEER: Biomathematics and Ecology Education and Research was October 9-11, 2015 in Normal, IL. There was a keynote presentation by Carlos Castillo-Chavez from Arizona State University and a workshop with Joseph M. Mahaffy from San Diego State University. There were many events, including technical sessions, presentations, plenary presentations and coffee.

### **2015 BEER Minisymposium: QUBES: Online community and resources for quantitative biology education**

[\[Program\]](#)

- QUBES leadership team - *QUBES News, Highlights, and the Grand Opening of QUBESHub.org* [\[Abstract\]](#)
- Charles Umbanhowar Jr - *Understanding the Quantitative and Computational Skills of Incoming Biology Students* [\[Abstract\]](#)
- Ruth Kermish-Allen - *Reaching Across Boundaries: Building Relationships, Sharing, & Learning Online* [\[Abstract\]](#)
- DorothyBelle Poli - *Panel Discussion for using QUBES in your classroom*


## Community News

We would like to welcome all the new educators and students to QUBES and hope you learn to use and partake in [all areas of the Hub!](#)

[Learn more....](#)

 Facebook

 Twitter

 QUBES Blog

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[Visit QUBES Hub](#)

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[Grand Opening](#)

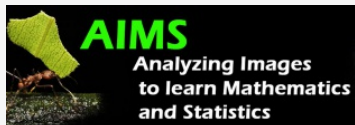
[Our Mission](#)

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## Upcoming Faculty Mentoring Network



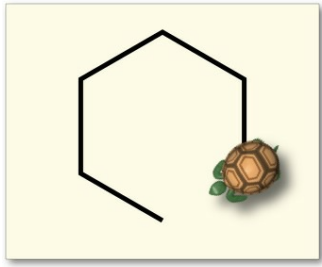
Get a basic introduction to image analysis and its use in interesting biological contexts to motivate student learning of mathematics and statistics.

[Learn more...](#)

[Faculty Mentoring Networks](#)

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## Featured Blog Post



Being the turtle: agent-based modeling workshop at Humboldt State University

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[QUBES Blog](#)

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## Featured Group



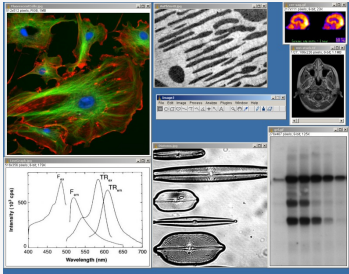
DryadLab is the education focused component of the Dryad Digital Repository.

[Learn more...](#)

[Browse groups](#)

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## Featured Software



ImageJ is a public domain Java image processing program inspired by NIH Image for the Macintosh.

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QUBES Newsletter: Issue 1