



# ASSOCIATION FOR BIOLOGY LABORATORY EDUCATION

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**Images**  
2010 conference in Halifax, Nova Scotia are now posted. Enjoy!

✓ Our **members-only** benefits continue to grow. Check it out, ABLErs, and feel free to send us suggestions for more, useful resources.

## ABLE takes cards!



ABLE now accepts credit cards and PayPal for donations, memberships, and Proceedings orders. Excuses be gone.

## ABLE 2011



ABLE 2011 Conference set for New Mexico State University in Las Cruces: June 14-17

Improving the undergraduate biology laboratory experience by promoting the development and dissemination of interesting, innovative, and reliable laboratory exercises



Go to  
<http://www.ableweb.org>  
and click on Proceedings >  
Contents

Login to the Proceedings database  
with your ABLE **username** and  
**password** (*lost it? Use the “Forget  
your password?” link*)

The screenshot displays the ABLE Proceedings database website. At the top, there is a navigation bar with the title "Tested Studies for Laboratory Teaching (ABLE Proceedings)" and a "Keyword Search" field. Below this is a secondary navigation bar with links for "ABLE Home", "Proceedings Home", "Browse Resources", "Get Recommendations", and "About", along with an "Advanced Search" link. The main content area is divided into several sections: a "Welcome" message, "ABLE News" with a search tip, and a "Log In" section. The "Log In" section contains fields for "User name:" and "Password:", checkboxes for "Create a Login" and "Forget your password?", and a "Log In" button. Two red arrows point to the "Log In" section, one pointing to the "User name:" field and the other to the "Forget your password?" link. Below the main content is a "New Resources" section with two entries: "Teaching Heritability Using Butterfly Images: Real Organisms, Real Measurements" and "The 2D:4D Ratio - Investigation of a Sexually Dimorphic Trait in the Human Skeleton", each with a "Full Record" link.

Tested Studies for Laboratory Teaching (ABLE Proceedings)

Keyword Search:

ABLE Home Proceedings Home Browse Resources Get Recommendations About Advanced Search

**Welcome**

Welcome to the online database of *Tested Studies for Laboratory Teaching*, the proceedings of the annual conference of the Association for Biology Laboratory Education (ABLE).

**ABLE News**

Start your search for laboratory exercises in our Proceedings using the "keyword search" field in the upper right corner.

All published volumes are now available in this database. Volumes 30-31 are available to ABLE members only (login to the right). If you are interested in joining ABLE, click [here](#).

**Log In:**

User name:

Password:

Create a Login

Forget your password?

**New Resources**

**Teaching Heritability Using Butterfly Images: Real Organisms, Real Measurements** [Full Record](#)

We have developed a free, downloadable program [website for program download: [www.tinyurl.com/butterflygeneticslab](http://www.tinyurl.com/butterflygeneticslab)] that uses digitized images of butterfly wings (Precis coenia) from parent-offspring...

<http://www.ableweb.org/volumes/vol-31/v31reprint.php?ch=37>

**The 2D:4D Ratio - Investigation of a Sexually Dimorphic Trait in the Human Skeleton** [Full Record](#)

Use “Keyword Search,” “Browse Resources,” or “Get Recommendations” to find an article, then click on “Full Record.”

The screenshot shows the ABE website interface. At the top, a blue header contains the text "Tested Studies for Laboratory Teaching (Proceedings)" on the left and a "Keyword Search:" input field on the right. Below the header is a dark navigation bar with links: "ABLE Home", "Proceedings Home", "Browse Resources", "Get Recommendations", "About", and "Advanced Search". The main content area displays search results for "academic assistance". A red arrow points to the "Browse Resources" link in the navigation bar. Another red arrow points to the "Keyword Search:" input field. A third red arrow points to the "Full Record" link next to the search result. The search result includes the title "Offering Academic Assistance to Students in Your Biology Lab" and a brief description. The search time is listed as 1.177 seconds. On the right side, there are links for "Refine Search", "Results 1 - 1 of 1", and "Full Record". A "You are logged in." notification is visible, along with "Preferences" and "Log Out" links. At the bottom, there is a footer with copyright information and logos for NSDL and CWIS.

Tested Studies for Laboratory Teaching (Proceedings)

Keyword Search:

ABLE Home Proceedings Home Browse Resources Get Recommendations About Advanced Search

**Search Results**

Searched for: *academic assistance*

Results 1 - 1 of 1

[Full Record](#)

Your Rating:

**You are logged in.**  
Welcome, walvoord

Preferences  
 Log Out

**Recent Searches**

· *academic assistance*

Search time: 1.177 seconds

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NSDL CWIS

Once in the full record for the article, at the bottom you can **rate** (click button, then click “rate”) and **comment** (click “+ add comment”) on the article.

**Tested Studies for Laboratory Teaching (ABLE Proceedings)**

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**Title:** Offering Academic Assistance to Students in Your Biology Lab  
**Url:** <http://www.ableweb.org/volumes/vol-31/v31reprint.php?ch=38>  
**Author:** Mark Walvoord  
**Author's Address:** University of Oklahoma, Assessment and Learning Center, OK  
**Email Address:** walvoord@ou.edu

**Description:** Despite the more active learning involved in laboratory versus lecture setups, some students still need extra-curricular assistance to succeed in biology. Using the experience and research of members of professional academic assistance societies, we setup "UC Action" at our university to 1) offer assistance to students in biology (and other) courses, and to 2) increase the retention and graduation rates at our university. Data from our Introductory Zoology laboratory assistance indicate that number and duration of student visits correlated positively with course grade. Workshop participants brainstormed ideas for offering assistance to their biology students.

**Keywords:** tutoring  
student learning  
pedagogy  
academic assistance

**Topic:** Teaching Tools and Techniques  
**BEN Subject/Discipline Taxonomy:** Teaching Tools and Techniques

**Learning Resource Type:** Teaching strategies & guidelines (DCMI Type Vocabulary)  
**Context:** Undergraduate upper division 15-16  
Undergraduate lower division 13-14

**Format:** pdf  
**Access Rights:** This resource is available to ABLE members only.  
**Rights:** <http://www.ableweb.org/volumes/copyright.htm>  
**Conference Location & Year:** University of Delaware (2009)  
**Cumulative Rating:** NOT YET RATED

**Rate this Resource**

Problem with this Resource Record

NOT USEFUL      VERY USEFUL Rate

**Resource Comments:** (no comments available yet for this resource) + ADD COMMENT

+ ADD COMMENT

Next time you go to this article, you'll see your rating and comments, and you can edit both. The more you rate, the better your "Get Recommendations" become!

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**Conference Location & Year:** University of Delaware (2009)

**Cumulative Rating:** ★★★★★ (Based on 1 response.)

Report a Problem with this Resource

Change Your Rating

You Rated This Resource: ★★★★★

NOT USEFUL ○ ○ ○ ○ ○ VERY USEFUL

Rate

Comments:

+ ADD COMMENT

Offering Academic Assistance to Students in Your Biology Lab

Posted By: walvoord

Date Posted: 2010-09-02 11:29:03

As the author of this article, of course I recommend it. Certainly every campus is different, so setting up academic assistance at your University, for your course(s), will need to be individualized. But, I feel that it is increasingly necessary to setup something to help our students succeed academically (especially at larger campuses where faculty-student interaction may be minimal).

EDIT MESSAGE - DELETE MESSAGE

+ ADD COMMENT