

Call for Proposals
National Association of Biology Teachers
5th Annual Biology Education Research Symposium
2013 Professional Development Conference
Thursday, November 21, 2013; Hyatt Regency Atlanta
Atlanta, Georgia

We welcome all researchers from 4 year, 2 year and K-12 areas.

The NABT Four Year University/College Section's Biology Education Research Committee invites you to submit a proposal to present your research in biology education for the 2013 Professional Development Conference. This is a refereed session. All papers will go through double blind review. Reviews will be guided by the following criteria:

Subject/Problem: Is there a clear focus, rationale, model, theory, or philosophy upon which the proposal is based?

Design or Procedure: Are the methodology, procedure, design, and organization appropriate?

Analyses and Findings: Do the syntheses of ideas or data analyses and findings appear to be appropriate and complete? Do the conclusions drawn follow from the data?

Contribution: Do the conclusions contribute valuable insights into the teaching/learning of biology?

General Interest: Does the presentation promise to be of general interest to NABT members?

The format will be a traditional presentation for papers by individual or co-authors lasting 15 minutes each with an additional five - ten minutes for questions.

PROPOSAL SUBMISSION

In e-mail text please include:

Names of author(s) with organization affiliation (University, College, School System)

Title of Submission

Abstract (up to 200 words to be used in program if selected)

Contact information for notification

Submit a WORD document of the Proposal as an attachment (maximum five pages including references). Please write the title at the top of each page in caps. The body of the proposal should address the criteria as used in the review process: 1) subject/problem; 2) the design/procedure; 3) Analysis and Findings; 4) Contribution; and 5) General Interest. Proposals should be word processed using a 12 font, single-spaced, with 1" margins format. **Please DO NOT include author identifiers in this document.** These WORD documents will be made into a PDF by the Chair of the research committee prior to submitting to the reviewers to ensure a blind review process.

Send your completed proposal document to NABTresearch@gmail.com with **2013 NABT Research Proposal** in the subject heading. Members of the Research Committee will send copies of your document without names and affiliation to at least two reviewers. After review, committee members will select proposals with the highest scores for acceptance in the 2013 NABT Professional Conference Research Symposium.

DATES

The proposal submission deadline is midnight on **June 15, 2013**. Blind review will take place in June with final selection by June 30, 2013. Submitters will be notified of acceptance or denial in early July, 2013.

All presenters are required to register for the conference and provide an electronic manuscript for distribution through the Proceedings. The 2012 Proceedings can be viewed at:

<http://www.nabt.org/websites/institution/index.php?p=720>

Section	Questions Addressed	Hints
Subject/Problem Introduction	Why this study? What is the problem? Is this topic of interest to biology educators?	Start with the “givens” (broadest to narrowed) and end with the PURPOSE of this study.
Conceptual Framework	What is the slant on the main topic of the study? Is there a clear focus, rationale, model, theory, or philosophy upon which the proposal is based?	Examples: In a study of learning you might have the slant of expert/novice OR of conceptual change. In a study of teacher learning, you might have a PCK frame OR a beliefs frame.
Literature Review	What research has already been done and what are the gaps?	This is not an exhaustive lit review, but a focused one that helps set the stage and build the case for your study.
Research Design *Quantitative, Qualitative, And Mixed Methods studies Are accepted	What are the research questions, what data were collected, and how were they analyzed? Are the methodology, procedure, design, and organization appropriate?	Might also include information about the research tradition, context of the study, instruments, researcher’s role, etc. You have to be careful to tell enough, but not go on and on. Think about what a reviewer would need to know.
Findings	Do the syntheses of ideas of data analysis and findings appear to be appropriate and complete? Do the conclusions drawn emerge from the data?	Tell a logical and complete story in terms of assertions and evidence. Be sure to link the findings to the research questions. Provide enough evidence for the reviewer to know that you have done the research.
Conclusions/Contribution	So what? What is new here? Why is this study interesting? Do the conclusions contribute valuable insights into the teaching/learning of biology?	Relate your findings back to the literature in order to be able to tell what is significant about the findings.
Implications and General Interest	Who cares? How does this study inform the science education community? Does the presentation promise to be of general interest to NABT members?	Describe the RELEVANT implications for biology teaching, biology teacher education, professional development, etc. This goes beyond your data, but should be grounded in your data. You might also included next directions for the research community. Be sure to have an ending paragraph.

**Conference Proposal Guidelines was modified by the 2011 NABT Biology Education Research Committee from the work of Sandra K. Abell and members of the NARST ARG, 2007*