

Current Research

BioBuilder
Educational Foundation

In Teachable Form

BioBuilding Newsletter

September / October 2014

Upcoming... BioBuilder Webinar

presented by
Founder Natalie Kuldell
and BioBuilder Master Teacher
Tom Martinez

Hosted by The Biotechnology
Center of Excellence
Wednesday November 12, 2014
<http://www.bcoe.net>

Upcoming... Conferences with BioBuilder sessions or teachers

NABT
Nov 12-15, 2014
Cleveland, OH

NISE
Nov 17, 2014
Naperville, IL

HASTI
February 11-13, 2015
Indianapolis, IN

NSTA
March 12-15, 2015
Chicago, IL

Call for Proposals...

Email if you want to share
your BioBuilder Ideas here!

ITSP Conference
February 11-12, 2015
San Jose, CA

NSTA 2015
STEM Forum & Expo
May 20-23, 2015
Minneapolis, M

It's been a busy and exciting start to the new school year and we're eager to share some of the great happenings in our BioBuilder community.

→ Note 1: Launch of Museum Partnerships

A collaboration for BioBuilder and Boston's Museum of Sciences launches! This aims to create conversations about synthetic biology among scientists, engineers, and public audiences in science museums. We had a fun and productive launch meeting in North Carolina in conjunction with an outreach conference there. We started to design a few BioBuilder-based activities that the Boston Museum of Science will create in partnership with 11 other museums/symbio research centers all over the country. The kits are being developed thanks to NSF funding NSF-funding through the "Multi-Site Public Engagement with Science" program.



→ Note 2: Kickoff for BioBuilder Biodesign Club

Synthetic Biology High school teams from all over the US and the world



have combined to form this year's BioBuilder Biodesign Club. There are 20 teams using synthetic biology to design/build/test their own ideas for biotechnologies. Many are in MA, but we have teams at high schools throughout the country and

some teams are joining from Canada and China.

Local teams came to the kickoff meeting on October 2nd that was hosted by Biogen IDEC in Cambridge MA. Other teams joined us virtually. The fire alarm went off midway through our meeting but we ran some design activities outside while waiting for the fire engines to arrive. Check out the [website link](#) for the clubs.

Note-able Quotes

"Your assistance and modules were extremely helpful in launching my first version of my intro course - thanks again for the work you do in enabling for many educators to experience with the concepts that can be learned using synthetic biology as a lens."

*Prof. Sarah Moore,
Smith College*

Student Spotlight Suggestions...

If you have students who stand out please let us know so we can celebrate them and their work!



→ Note 3: Passport for BioBuilder Kits!

Thanks to the incredible interest in BioBuilder from schools in places like France, Brazil, Canada and China, Ward's will start shipping BioBuilder lab kits to foreign countries soon. Here is the [link](#) to request reagents.

And should you speak French, [regardez this website!](#)



→ Note 4: Downloadable teaching materials: Coming Soon!

A warm welcome to our new Board Fellow, Zahra Kanji, who will spend a year with us, building a new teacher resource website. The new site will allow teachers to login and gain access to the classroom and lab teaching materials that have been developed by other BioBuilder teachers. We're excited to directly share information with other BioBuilder teachers and to get a direct view into what content is being used and how.

Please submit any materials you feel would be a helpful resource to add to this new website...stay tuned to follow its development.



If you have anything that you'd like to share with our community, please send the info along. And thank you for helping us to spread the word about the BioBuilder curriculum and the foundation that supports its development. -Natalie

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