

# ANNUAL REPORT 2013



**TOTAL 2013 REVENUE**  
\$200K

\$20k INDIVIDUALS

\$30k GOVERNMENT GRANTS

\$32k EARNED INCOME

\$117k FOUNDATIONS

ADMINISTRATIVE PERSONNEL

\$33k

ADMINISTRATIVE EXPENSES

\$18k

PROFESSIONAL DEVELOPMENT WORKSHOPS

\$18k

\$115k SCHOOL-BASED TEACHING MATERIALS

\$185K  
**TOTAL 2013 EXPENSES**

## PARTNERS & FRIENDS

The BioBuilder Educational Foundation is extremely grateful for the generous contributions of our partners and friends.



## YOU CAN HELP

Through our partnerships with outstanding companies, foundations and individuals, we are poised to change the model for STEM education. Please consider supporting our work. Donate online at [biobuilder.org](http://biobuilder.org).

## BOARD

The BioBuilder Educational Foundation Board consists of a diverse group of professionals who remember that learning new things can inspire both hard work and excitement.

- Rebecca Millman *Marketing & Sales Knowledge Expert, McKinsey & Company*
- Karen Katz *Regional Manager of the Venture Pipeline Group*
- Natalie Kuldell *MIT Dept. Biological Engineering*
- Isadora Deese *Freelance Writer and Editor*
- Sherry Anne *High School Science Teacher*

Current Research  
In Teachable Form

**BioBuilder**  
Educational Foundation

The BioBuilder Educational Foundation  
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[info@biobuildereducationalfoundation.org](mailto:info@biobuildereducationalfoundation.org)



We believe that everyone can help solve our planet's major challenges. Everyone. Students and teachers alike, in middle school and high school, at community colleges and universities. BioBuilder brings current science to the classroom, empowering students and teachers to learn at the very edge of what's known. To become real scientists. We train our teachers to be leaders, and the vibrant community we are helping to create is changing the face of education around the country.

Just two years old, the BioBuilder Educational Foundation has accomplished many things. We developed our content at MIT in partnership with award winning high school teachers. We've seen BioBuilder adopted in schools across the country and supported by thought leaders in the STEM community.

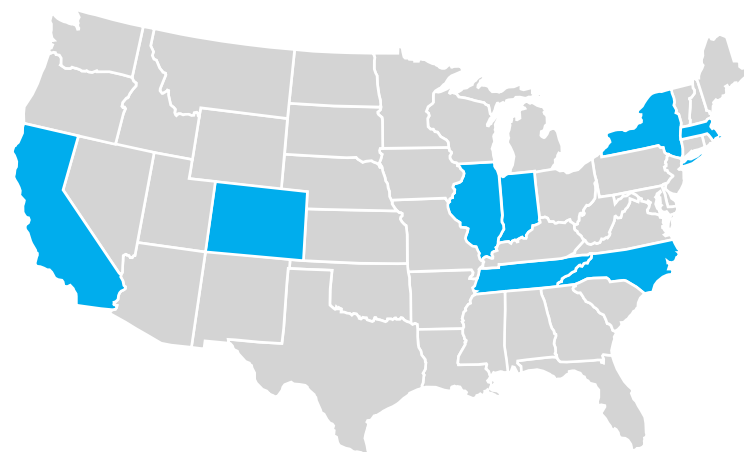
As you look through this report, you'll see there is a lot to be proud of, and a lot of good hard work still remains to be done. This upcoming year we will strengthen our efforts to improve teaching and learning, providing our real and relevant training to more educators and their students. At BioBuilder we know that learning by doing works. And inspires. And we're excited to partner with you in this endeavor.



Sincerely,

Natalie Kuldell  
President, The BioBuilder Educational Foundation

# OH THE PLACES WE'VE BEEN!



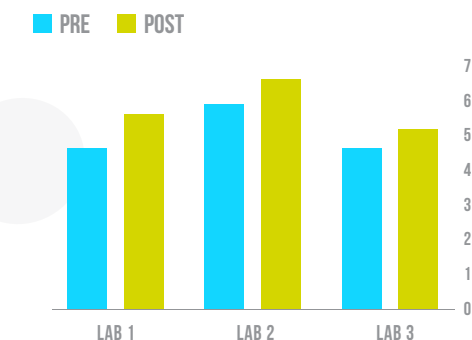
## WORKSHOP LOCATIONS

The BioBuilder community is rapidly growing: We are getting more and more **requests for materials** from schools in the **Commonwealth** and throughout the **country**. **International collaborations and requests also picked up in FY12-13.**

## Increased Interest

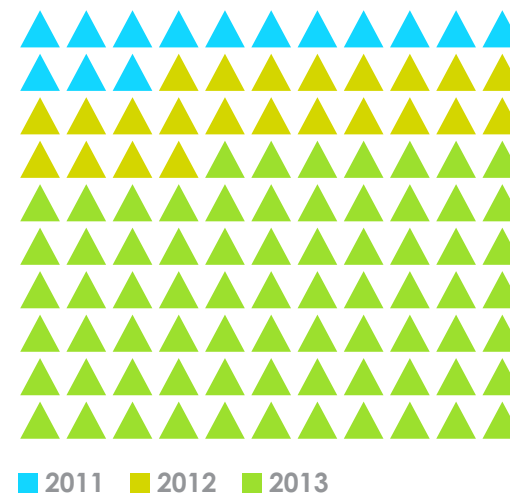


## Increased Understanding



So much has happened over the past 12 months, Here is a quick snapshot of some places BioBuilder went, and some of what we accomplished in FY12-13.

## BIOBUILDER TEACHERS TRAINED



In August, **MA State Secretary of Education, Dr. Matthew Malone** dropped by a BioBuilder Professional Development workshop at MIT to express his **support** of our innovative curriculum and **"hands-on" learning**.

BioBuilder received substantial grants from the **MA Life Sciences Center, The Lynch Foundation** and **The American Society for Biochemistry and Molecular Biology**. We are so grateful for the support from our public, private, philanthropic and academic partners.

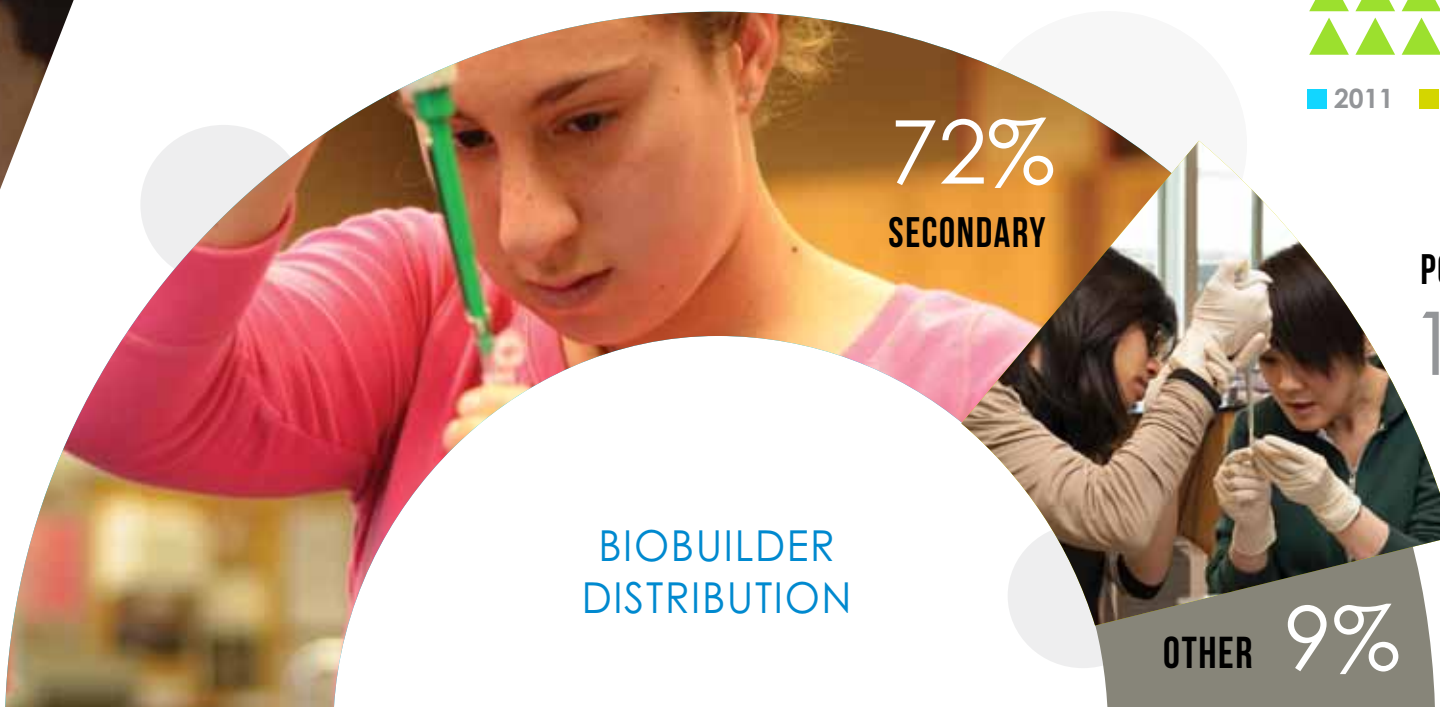
Thanks to our talented and energetic middle school teachers **BioBuilder Jr.** was launched, [biobuilderjunior.org](http://biobuilderjunior.org) in the fall of 2012. Same innovative content, adapted for teaching younger students.



Statistically significant data is shown, collected from 175 paired pre and post tests.

## OUR MISSION

To increase interest, engagement, and understanding of science, technology, engineering and math.



## BIOBUILDER DISTRIBUTION