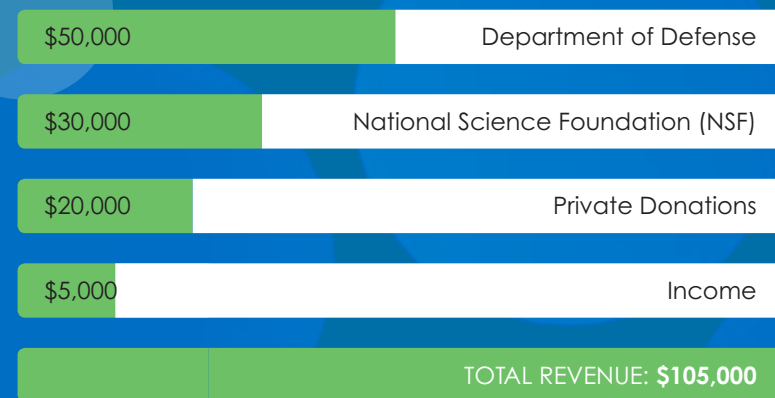


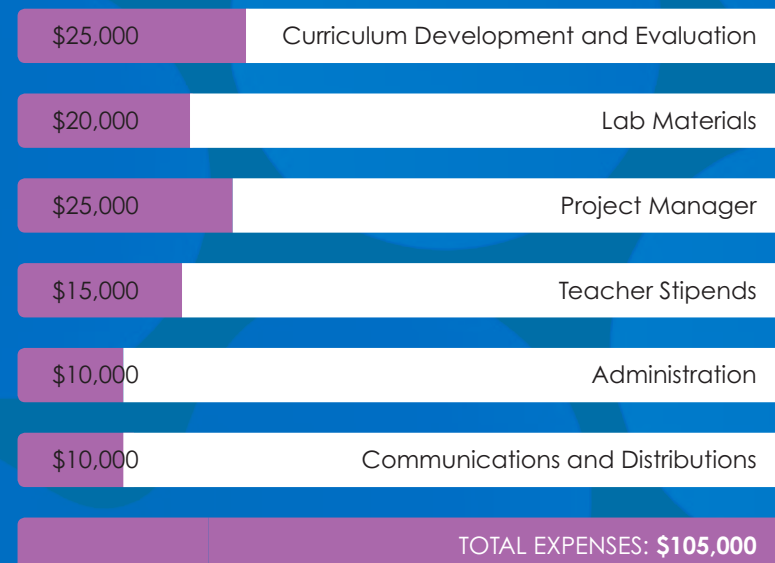
OUR MISSION

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

2012 REVENUE



2012 EXPENSES



▶ PARTNERS & FRIENDS

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

Partner Organizations

BioBricks Foundation
DNA 2.0
SynBERC
MIT, Department of Biological Engineering
Purdue University, College of Technology
QB3, University of California, Berkeley
MIT, Venture Mentoring Service

Friends of TBEF

Dr. Barry Canton *Founder, Ginkgo Bioworks, MA*
Dr. Kari Clase *Professor, Purdue University, College of Technology, IN*
Mr. John A. Dellapa *Mintz Levin, MA*
Dr. Katie Hart *Student, University of California, Berkeley, CA*
Dr. Ellen Jorgensen *Founder, Genspace, NY*
Dr. Ann Koufman *Deputy Superintendent, Newton Public Schools, MA*
Mr. Chipp Kuldell *Potomac, MD*
Mr. Nathan Kipniss *MIT Biological Engineering Student*
Dr. Jenna Rickus *Professor, Purdue University, Biomedical Engineering, IN*
iGEM and AlumniGem *Boston, MA*

▶ 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.

Isadora Deese *Freelance writer and editor*
Jim Dixon *Biology teacher, Sharon High School*
Karen Katz *Director, Legal Solutions, Pangea3 - A Thomson Reuters Company*
Rebecca Millman *Marketing & Sales Knowledge Expert, McKinsey & Company*
Natalie Kuldell *President*

▶ ADVISORY BOARD

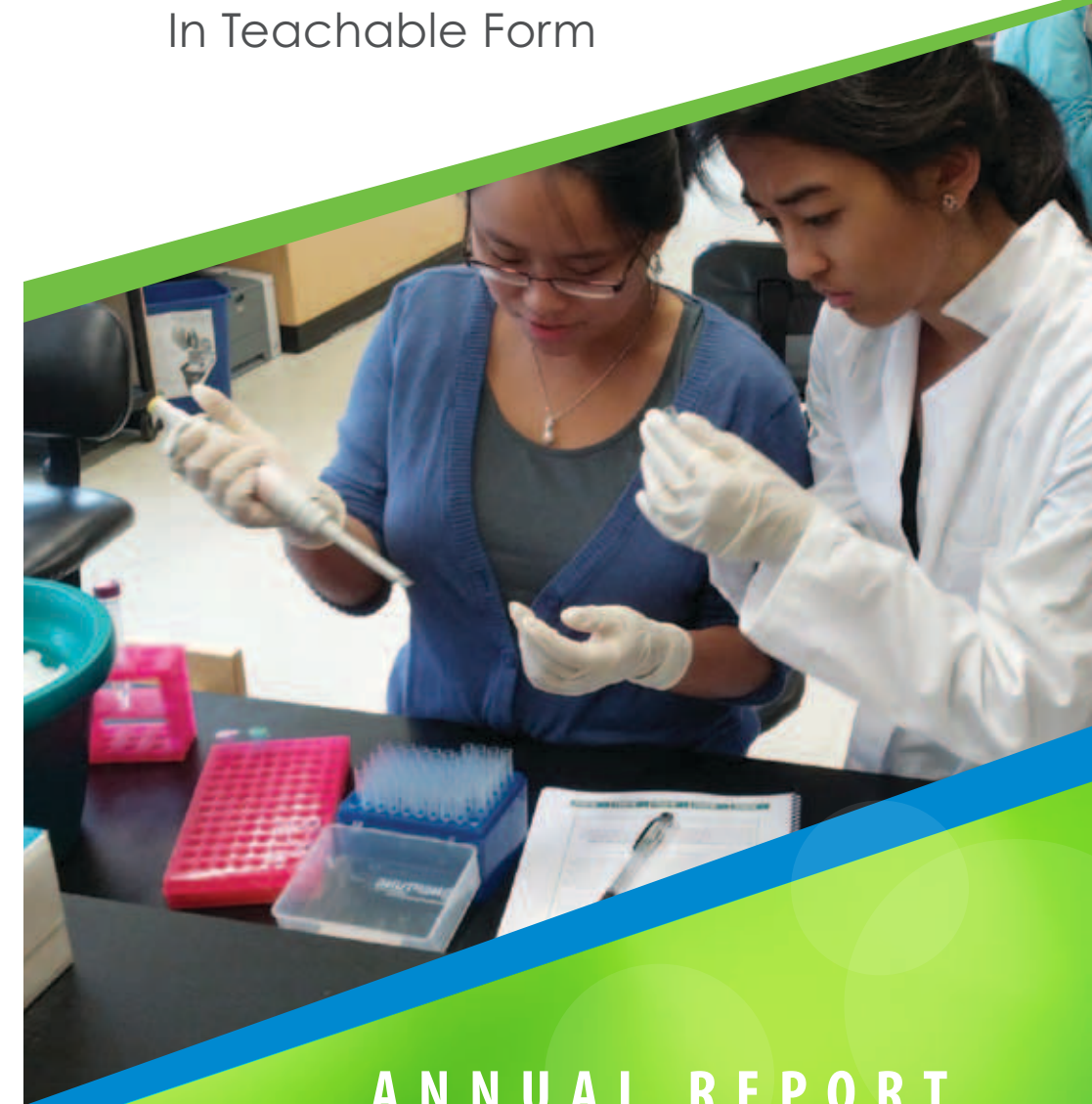
The BioBuilder Educational Foundation has grown rapidly and in healthy ways thanks to the expert advice and generous mentorship from our advisory board.

Gayle Allen *Sloan Fellow in MIT's Innovation and Global Leadership Program*
David Birnbach *MIT's Venture Mentoring Service*
Peter Dublin *Founder, Intentional Educations*
Donald Shobrys *MIT Venture Mentoring Service*

BioBuilder

Educational Foundation

Current Research
In Teachable Form



ANNUAL REPORT

2012

The BioBuilder Educational Foundation
77 Massachusetts Ave, 16-325
Cambridge, MA 02139
617-324-0085

www.biobuildereducationalfoundation.org
info@biobuildereducationalfoundation.org





DEAR FRIENDS

This past winter, building on four years of hard work and organizational vision, The BioBuilder Educational Foundation (TBEF) applied for and received 501c3 status, establishing TBEF as a non-profit organization!

We could not have picked a more exciting time to launch TBEF. Not only is the world of education energized to improve STEM training, but classroom technology enables students and teachers to connect across time and place. A key ingredient missing from this mix is curricular content that engages our most eager and tech savvy students, while answering the urgent nation-wide call to improve STEM education. This is precisely the niche that BioBuilder fills!

As you look through this report highlighting our accomplishments, you'll see that we've wasted no time. Our impact is already felt in Massachusetts and in classrooms across the country. Thanks to government funding, charitable foundations and private donations, we're off to a healthy start.

We are most grateful for your partnership and continued support towards these efforts. As we embark on the future, be sure to buckle up, for this most certainly will be an exciting ride!



Sincerely,

Natalie Kuldell
President, The BioBuilder
Educational Foundation



FY2012 ACCOMPLISHMENTS

- ▶ The Biobuilder curriculum was taught in over **80 classrooms** this past year.
- ▶ Nearly **40 teachers** trained directly in weeklong workshops at MIT and Purdue University.
- ▶ Over **125 educators from 23 states** have reached out to us through the website to request reagents and materials for their high school and college classrooms.
- ▶ The BioBuilder Educational Foundation and curriculum were highlighted in two peer-reviewed journals, *The Science Teacher* by National Science Teacher's association, and the *Microbe* by American Society for Microbiology, and included in the recent published textbook *Methods in Enzymology*.
- ▶ TBEF President Natalie Kuldell has been invited **9 times** in FY12 to guest lecture nationally and most recently internationally responding to the incredible interest and substantial outcomes of the BioBuilder training and curriculum.
- ▶ In May of 2012 BioBuilder's founding partner, **Jim Dixon**, received **2012 Outstanding Biology Teacher of the Year**. Congratulations Jim!
- ▶ The BioBuilder Educational Foundation is pleased to announce the hiring of a **Program Manager, Cheri Gordon**. Cheri joined TBEF in June and will serve as the organization's first staff person. She will work closely with Natalie Kuldell to coordinate and implement programming.



Cheri Gordon
Program Manager

IT'S NOT JUST A THEORY... YOUR CONTRIBUTIONS MAKE A BIG BANG!

- ▶ **\$75** provides basic lab consumables for one classroom
- ▶ **\$100** purchases one BioBuilder kit for use in a classroom module
- ▶ **\$200** covers one day of BioBuilding Master class training
- ▶ **\$500** supports one week of BioBuilding Essentials training for one classroom teacher
- ▶ **\$850** buys a Spectrophotometer (measures light, color)
- ▶ **\$1000** supports one week of BioBuilding Master class training

To support this game-changing approach in STEM education make a secure donation online at biobuildereducationalfoundation.org, or consider sending a check payable to "The BioBuilder Educational Foundation" and mail to:

Natalie Kuldell, President
The BioBuilder Educational Foundation
77 Massachusetts Ave, 16-325
Cambridge, MA 02139



All donations are tax-deductible, and benefit the work of The BioBuilder Educational Foundation.

* Privacy Notice: The BioBuilder Educational Foundation is a 501c3 committed to respecting the privacy of all donors. Information collected is kept in strict confidence and only used for the purpose of processing donation(s) and communicating with donors.

