**BIOBUILDER BOARD**

We are a diverse group of professionals who know that learning new things can inspire hard work, innovation, and excitement.

- Rebecca Millman* Strategy and marketing consultant
- Isadora Deese  Freelance writer and editor, MIT
- John Dellapa  Lawyer, General Counsel, Neurimmune Therapeutics
- Kathryn Hart  Assistant Professor, Williams College
- Natalie Kudella  BioBuilder Founder and Executive Director
- Rebekah Ravegala  Teacher, Tyngsborough High School
- Mary Tamer  Education communications strategist, Boston MA
- Valerie Tutson  Storyteller and community organizer, Providence RI

* Board President

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**2019-20 FISCAL SUMMARY**

**Total REVENUE**

- **$584K**
  - Earned Income: $70,000
  - Investment Income: $8,000
  - Corporate and Foundation Grants: $95,000
  - In-Kind Donations: $356,000
  - Individual Contributions: $54,000

**Total EXPENSES**

- **$627K**
  - Salaries: $114,000
  - Operational Expenses: $67,000
  - Lab Programming Costs: $417,000
  - Other Costs: $29,000

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**PARTNERS & FRIENDS**

- BioBuilder Educational Foundation
- Eastman Foundation
- New England BioLabs
- MINTZ
- O'REILLY
- Biogen
- Pfizer
- NOVARTIS
- KSCIENTIFIC
- CAROLINA
- Google Ads
- arbor bioscience

**ANNUAL REPORT 2020**

www.biobuilder.org  email: info@biobuilder.org

The BioBuilder Educational Foundation is a 501c3 nonprofit organization. Donations are tax-deductible to the fullest extent allowed by law.
DEAR FRIENDS

Science took center stage in 2020, and it has humbled us all. And as we enter the ninth month of life with Covid-19 here in the United States, we’ve watched the world enroll in a crash course about life science, realizing that while we know a great deal about biology, it is still not enough. In the midst of this challenging time, it’s become clear how much we depend on science and engineering to solve major global challenges.

This year has also demonstrated how vital education is to every aspect of our lives. Schools hit the brakes on in-person learning last March, revealing all that we took for granted when students and teachers were together in classrooms. Now, as the world test drives new models for remote and hybrid learning, we can see more of the pressures, inequalities, and burdens on districts and school communities.

And yet, at the close of 2020, BioBuilder is more encouraged than ever. Despite all the disruptions and uncertainty, we know that the next generation remains in the driver’s seat, eager to solve the world’s daunting challenges by re-engineering cells and building with biology. As you look at our annual report, please take special note of how we accelerated our plans for online programming. Our IDEA ACCELERATOR, our SEMINAR SERIES, and our BIOCAREER INTERVIEWS have successfully engaged students around the world in advanced life science and engineering.

I am truly thankful for all who stepped up to help when students and teachers needed us most. We gratefully acknowledge BioBuilder’s wonderful staff, donors, sponsors, granting agencies, and partners. They buckled up to support meaningful STEM education, helping BioBuilder do what we do best. And if you’re wondering if there are still ways to help, I say, “Of course, jump in!” We are on a mission, and there are more ways than ever that you can speed our work along.

Wishing you good health and great happiness,

Natalie Kuldell, PhD
Founder and Executive Director,
BioBuilder Educational Foundation

BioBuilders are teaching and learning in 47 states and 54 countries.

84% of students participated in our online programs at no cost.

84%

Our BioBuilder Textbook sold more than 500 copies and was translated by O’Reilly Media into Japanese and Russian.

84%

“THIS EXPERIENCE REALLY OPENED MY EYES TO THE WORLD OF SYNTHETIC BIOLOGY” STUDENT

84%

“THE BIOBUILDER BOOK IS A MUST HAVE FOR CITIZEN SCIENTISTS AND SCIENCE EDUCATORS” REVIEWER

3

BioBuilder Workshop prepared all the teachers at Dobyns-Bennett High School in rural Tennessee to bring BioBuilder to ALL their students this year.

500

More than

500

“IT’S A GAME CHANGER FOR STUDENTS TO BE DOING WHAT SCIENTISTS DO” SCHOOL ADMINISTRATOR

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