

PROGRAM OVERVIEW

STEM Pathways (SP, stempathways.org) is the outreach program of the Living Computing Project (LCP, programmingbiology.org) which is sponsored by the National Science Foundation's Expeditions in Computing Program (Awards #1522074 / 1521925 / 1521759). Partner universities and businesses include Boston University, Massachusetts Institute of Technology, MIT Lincoln Labs, BBN Technologies, and TEGrant Consulting. Dr. Douglas Densmore (Boston University ECE Associate Professor) is the Lead PI for the Living Computing Project, and Mrs. Tiffany E. Grant King (TEGrant Consulting) is the program director of STEM Pathways. The main objective of STEM Pathways is to inspire, mentor, train, and empower current and future generations of students, with a focus on underrepresented groups. Through STEM Pathways, students will be able to: obtain academic and research experiences in the growing field of Synthetic Biology; pursue rewarding careers in computer and biomedical engineering; and influence innovations and impacts in STEM, community education, and outreach.



CORPORATE SPONSORSHIP PROGRAM

The STEM Pathways Corporate Sponsorship Program offers corporations an opportunity to partner with STEM Pathways under a formal alliance. Partnering with STEM Pathways is a beneficial investment as it provides opportunities to build recruitment relationships, research partnerships, and marketing for your brand in scientific communities such as Boston University, Massachusetts Institute of Technology (MIT), and iGEM. The program allows corporate sponsors to not only offer financial support, but also to engage in programs designed to enhance the technical and professional development of underrepresented students in the greater Boston area.

The conceptual and fundamental scope of the program is to:

- Connect the corporate brand to STEM Pathways initiatives
- Increase exposure opportunities between biotech industry leaders, professionals, students, and researchers from Boston University and MIT
- Increase brand visibility through iGEM, a premiere synthetic biology competition for students worldwide
- Allow the corporation to support STEM Pathways research and development initiatives at Boston University, MIT, and Boston public high schools
- Give the corporation an entry point to support a new STEM outreach program in the Boston area with a focus on underrepresented students

The portfolio breaks sponsorship down into 5 tiers to provide support:

- Platinum
- Gold
- Silver
- Bronze
- A la Carte

For more information:

This document is also located on the STEM Pathways website. To contribute, complete the STEM Pathways Corporate Sponsorship Registration Form included in the portfolio. For more details on the corporate sponsorship program, contact Tiffany E. Grant King at admin@stempathways.org or call (510) 877-0531.

CONTRIBUTION LEVELS

PLATINUM — \$10,000

- Gold level award package
- Company spotlight (*i.e. deliver a keynote speech at a STEM Pathways event, hold a company information session, present at a lunch & learn, etc.*)



GOLD — \$5,000

- Silver level award package
- Full access to STEM Pathways events* (*i.e. undergraduate research symposiums, program completion ceremony, lunch & learns, etc.*)
- Verbal acknowledgement during formal oral presentations
- STEM Pathways gear and merchandise



SILVER — \$1,000

- Bronze level award package
- Funding to directly support a STEM Pathways Researcher



BRONZE — \$500

- Company logo on all digital communication from STEM Pathways
- Company logo on STEM Pathways slideshow presentations
- Company logo on STEM Pathways posters and other print materials
- *Optional:* Mentor a STEM Pathways researcher



* For a full list of STEM Pathways events, please see the supplemental pages of the Corporate Sponsorship Packet or look at our website stempathways.org

CONTRIBUTION LEVELS (*cont'd*)

A LA CARTE

- The "A la Carte" category is a more flexible category as the STEM Pathways outreach program funding can vary depending on the students' needs. This option is for companies who wish to contribute an award amount in between one of the levels and desire a specific STEM Pathways award.
- These vary from stipends, summer housing, research materials, iGEM registration, etc.
- In-kind contributions are considered "a la carte" (*i.e. DNA synthesis, software programs, and lab supplies*)
- If you are interested in supporting any of these specific opportunities, please be in contact and we can think of a package more adequate to your contribution.

Any sponsorship will receive a Thank you letter and social media advertisement from STEM Pathways and its affiliated undergraduate research teams as well as a STEM Pathways team picture.

STEM PATHWAYS EVENTS

EVENT NAME	OCCURRENCE	GUEST LIST	DESCRIPTION
Dinner & Dialogue	Semesterly (<i>Fall & Spring</i>)	SP researchers and students, corporate sponsors, educators, & SP graduate/post-doc mentors	Bringing Together Teachers and Administrators with the Region's STEM Outreach Programs, Universities, Industries, and Resources for Impact Discussions and Networking!
Mini-Jamboree	Semesterly (<i>Spring only</i>)	SP researchers and students, corporate sponsors, educators, & SP graduate/post-doc mentors	An interactive day of learning to encourage accessibility to synthetic biology and iGEM to high school and undergraduate students.

STEM PATHWAYS EVENTS (cont'd)

EVENT NAME	OCCURRENCE	GUEST LIST	DESCRIPTION
Open Discussions	2-3 times per year	SP researchers and students, corporate sponsors, educators, & SP graduate/post-doc mentors	Open conversations on the descriptors used to categorize targeted groups and the tools to thrive.
Hands-On Training	Spring Semester & Summer Term	SP researchers (undergraduate & K12)	One-day training sessions in a real, synthetic biology environment, covering fundamental synthetic biology tools and concepts like DNA purification, gel electrophoresis, and bacterial transformation!



CORPORATE SPONSORSHIP DONATION FORM

Thank you for your interest in supporting the STEM Pathways program. Your sponsorship will be in support of the outreach efforts of the Densmore NSF Expeditions in Computing Project. To become a Corporate Sponsor for the current academic year, we kindly ask that you complete the form below. Please make your donation check out to "Trustees of Boston University" with the memo "STEM Pathways". Mail the form below and your donation check to:

Boston University Corporate Relations
53 Bay State Road, 2nd Floor
Boston, MA 02215-2407
Attention: Brian Goodman

or email a scanned copy to admin@stempathways.org. If emailed, please allow up to 48 hours for a STEM Pathways staff member to confirm and connect with you. If you have any questions or concerns, you may directly contact Tiffany E. Grant King at admin@stempathways.org or call (510) 877-0531.

PLEASE INDICATE YOUR CONTRIBUTION LEVEL OF SUPPORT:

PLATINUM (\$10,000) GOLD (\$5,000) SILVER (\$1,000) BRONZE (\$500)

A LA CARTE (if applicable \$ _____)

Please provide a description of your 'A la Carte' contribution

CONTACT INFORMATION

PRIMARY CONTACT FULL NAME _____

COMPANY NAME _____ JOB TITLE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

EMAIL _____ PHONE NUMBER _____

AGREEMENT

By signing this form on the behalf of your organization, you agree to support the outreach efforts of the Densmore NSF Expeditions in Computing Project.

SIGNATURE _____ DATE _____



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