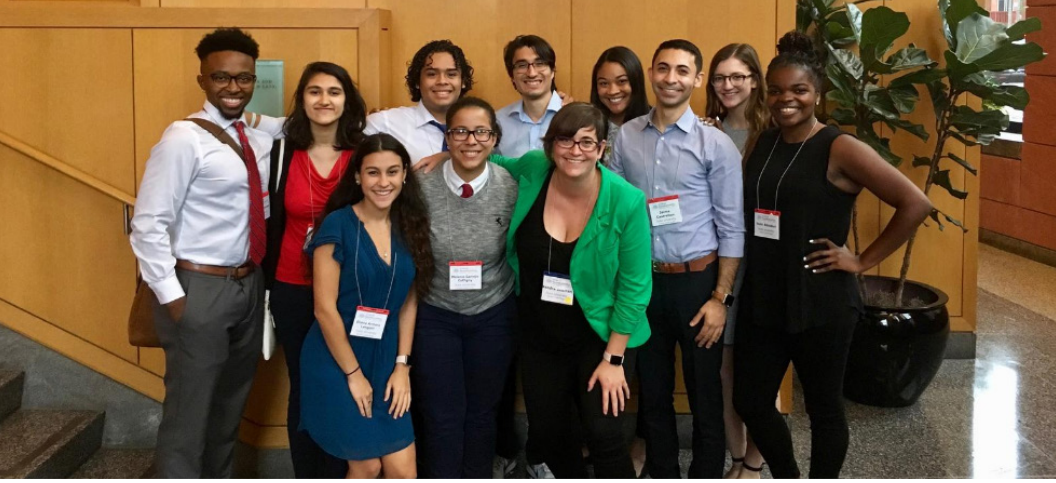


BASS CONNECTIONS

Collaborative interdisciplinary research addressing complex societal challenges

BASSCONNECTIONS.DUKE.EDU

BASS CONNECTIONS IS A UNIVERSITY-WIDE ACADEMIC PROGRAM that gives students a chance to apply classroom lessons to complex societal challenges, working alongside faculty from all of Duke's schools.

Named in honor of founding donors Anne and Robert Bass, Bass Connections exemplifies Duke's commitment to **TEAM-BASED INTERDISCIPLINARY RESEARCH**.

Students of all levels can participate at any time while at Duke

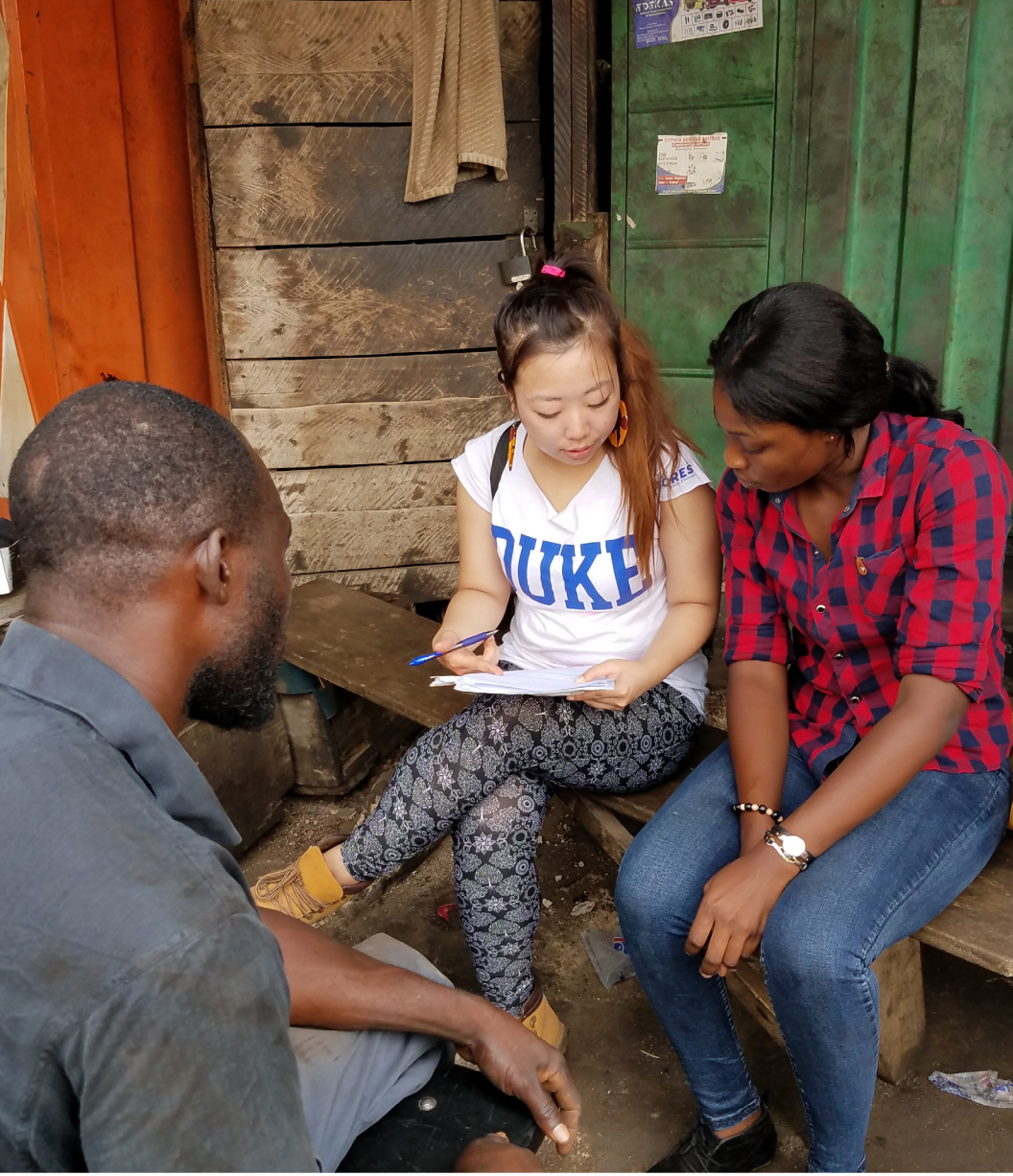
Each year, more than **600 undergraduates, 200 graduate students and 300 faculty and staff** participate in Bass Connections through approximately:

60 **YEAR-LONG PROJECT TEAMS** that bring together faculty, graduate students, undergraduates and external partners to explore open-ended research questions

40 **ONE-SEMESTER COURSES** featuring collaborative assignments and interaction with external partners

40 **SUMMER PROJECTS** in which small teams conduct intensive research over 6 to 10 weeks

10 **STUDENT RESEARCH AWARDS** for student-driven projects proposed by individuals or teams and mentored by faculty



SIX THEMATIC AREAS LINK TO SOCIETAL CHALLENGES:

- Brain & Society
- Energy & Environment
- Global Health
- Health Policy & Innovation
- Information, Society & Culture
- Race & Society

Bass Connections Open supports additional projects that fall outside of these themes.

"Bass Connections is all about research that you can see and feel and uniquely contribute to. The questions we seek answers to have vast implications, and Bass Connections brings together amazing interdisciplinary teams uniquely equipped to tackle them head on."

Through Bass Connections, undergraduates can:

- Build research skills in a small group setting
- Collaborate with faculty, graduate students and other undergraduates
- Contribute to meaningful research outcomes (e.g., publications, datasets, exhibits, prototypes, algorithms, policy papers)
- Explore career paths and gain valuable professional experience
- Engage with communities and organizations outside of Duke
- Receive academic credit

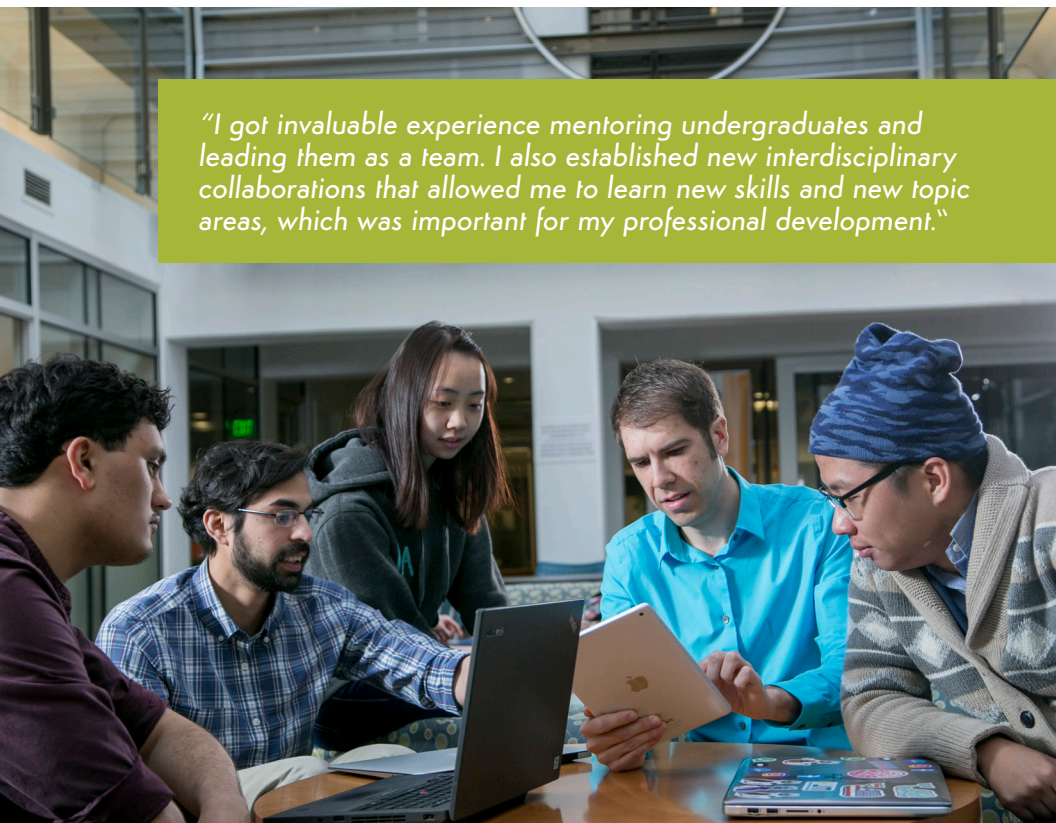
"Bass Connections gives you an opportunity to be intimately involved with very sophisticated and difficult research topics, with the freedom that you might not otherwise have in a more traditional undergraduate research setting."

Through Bass Connections, graduate and professional students can:

- Develop career-oriented skills, including leadership, mentoring, managing projects, working on teams and building relationships with external partners
- Access professional development resources and opportunities for funding
- Deepen relationships with faculty
- Network with colleagues in diverse fields
- Contribute to meaningful research outcomes (e.g., publications, datasets, algorithms, policy papers)
- Enhance dissertation or thesis research
- Receive academic credit or funding

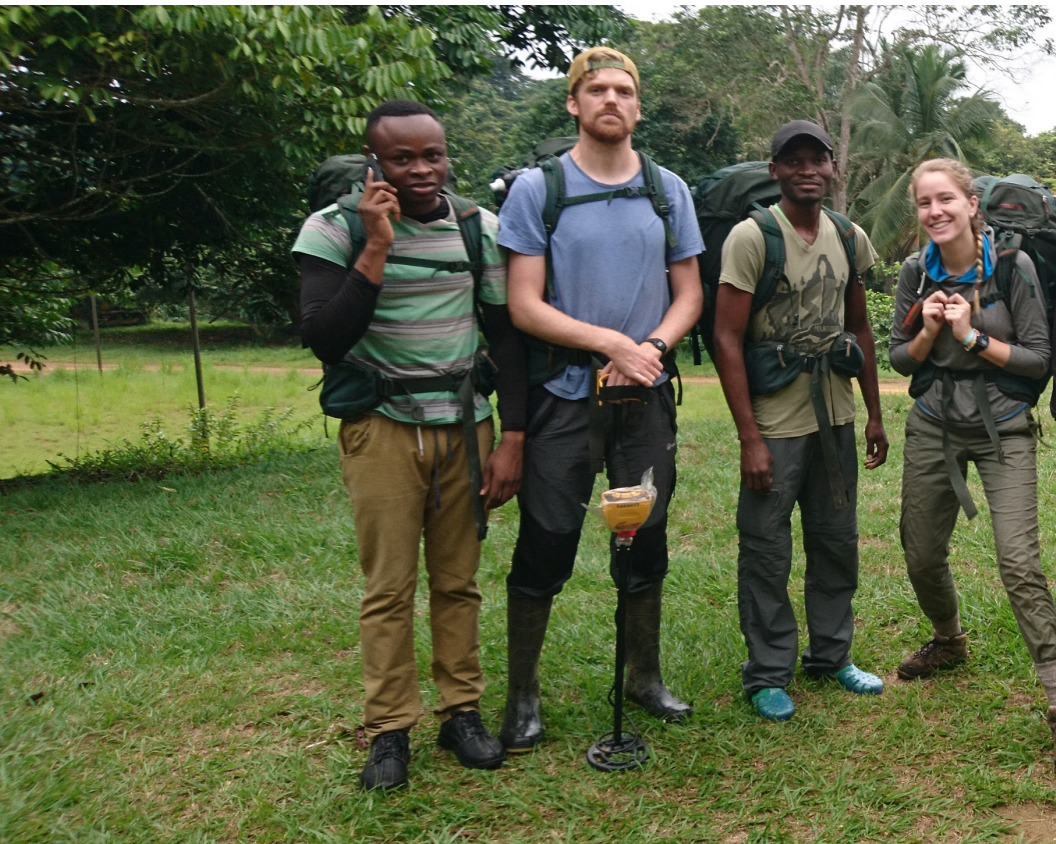
"Not only have I had the opportunity to learn from a variety of experts ranging from famous atmospheric chemists to former U.S. ambassadors, I also have had the experience of helping build a team of undergraduates, graduate students and faculty."

"I got invaluable experience mentoring undergraduates and leading them as a team. I also established new interdisciplinary collaborations that allowed me to learn new skills and new topic areas, which was important for my professional development."



Choose a Bass Connections experience

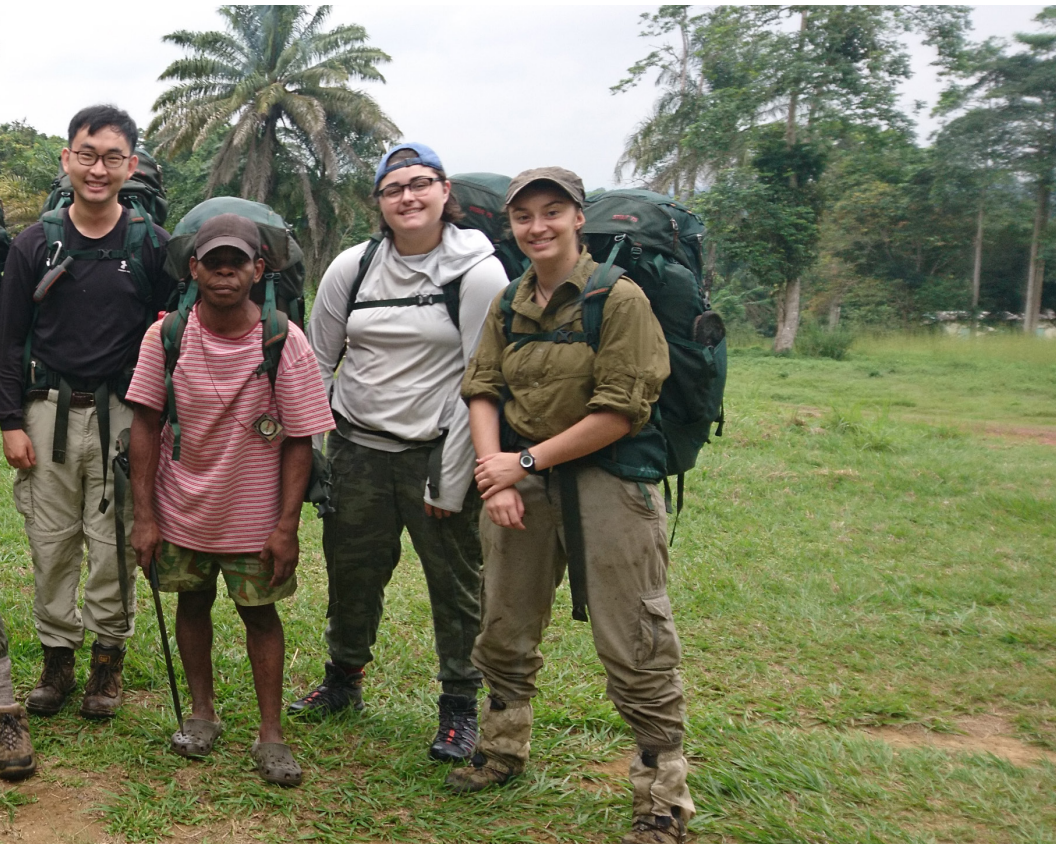
	Duration	Estimated Commitment	Credit	Funding	Eligibility	Apply* or Register
Project Teams	Two semesters; optional summer component	12 hours per week during academic year	Yes	For summer component, if applicable	All students	Apply early in spring semester
Courses	One semester	12 hours per week	Yes	No	All students	Register during normal registration periods
Student Research Awards	Up to 12 months	Varies	No	Yes	All students	Apply early in spring semester



SUMMER PROGRAMS

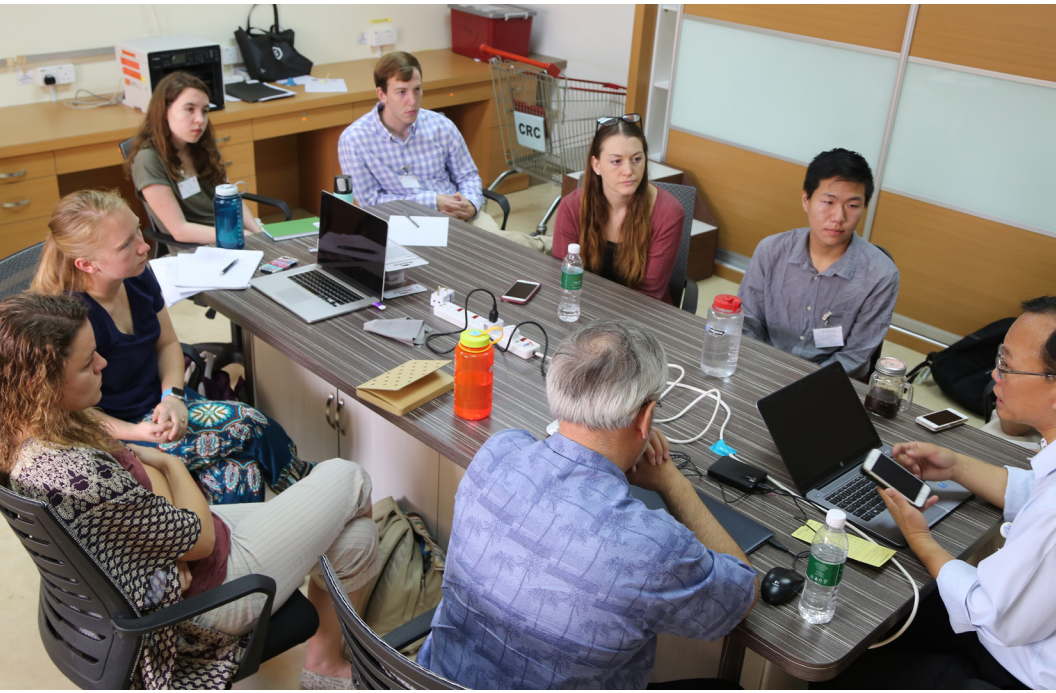
	Duration	Estimated Commitment	Credit	Funding	Eligibility	Apply* or Register
Data+	10 weeks	40 hours per week	No	Yes	All students	Apply early in spring semester
Story+	6 weeks	40 hours per week	No	Yes	All students	Apply early in spring semester
Global Health Student Research Training	8 weeks	40 hours per week	No	Yes	Rising juniors and seniors	Apply early in fall semester
Summer Neuroscience Program	8 weeks	40 hours per week	No	Yes	Rising junior and senior Neurosci-ence majors	Apply early in spring semester

** See our website for specific deadlines*



Apply to join a project team:

- Project teams last for two semesters; students may receive course credit.
- Some teams include a summer component; funding is available.
- Teams meet at least once a week during the academic year.
- Some teams travel during breaks or over the summer.
- Apply in January-February; start in fall (or summer).



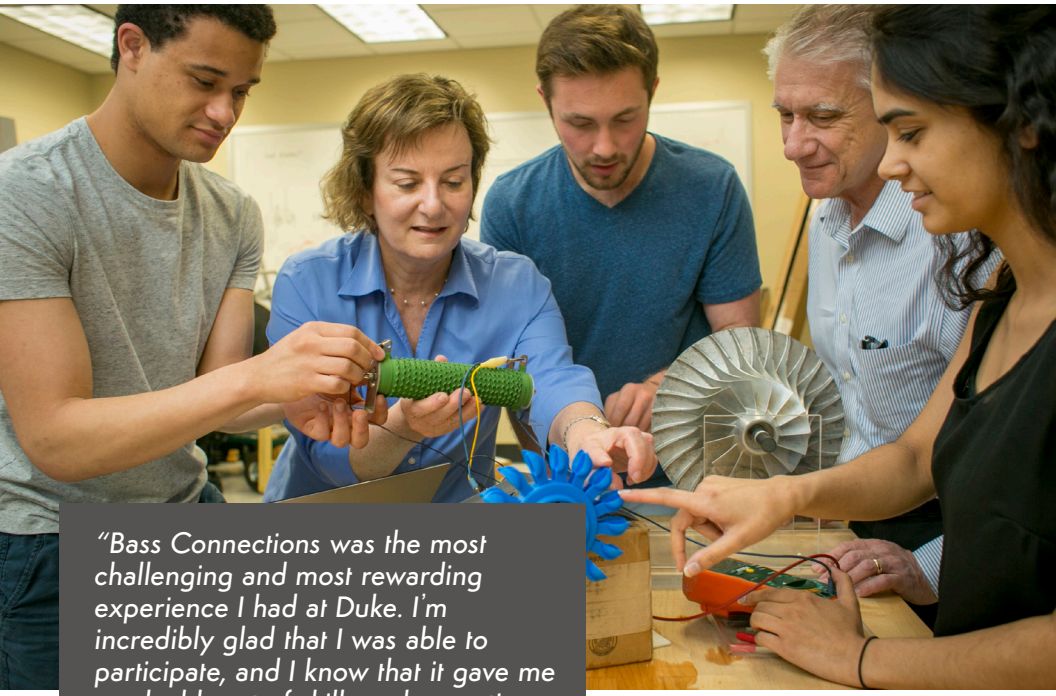
EXAMPLES

- Building Sustainable Neurosurgical Systems in Developing Countries
- Bioremediation of Plastic Pollution to Conserve Marine Biodiversity
- Measuring Democracy in America
- Improving Infection Detection With Wearable Device Data
- Collecting Oral Histories of Environmental Racism and Injustice

"Bass Connections has been, by far, the best learning experience I have had in my life. The multidisciplinary team approach helped me learn in new ways. I have formed close friendships with everyone on my team. This experience has led me to find a topic of study I am truly passionate about."

Register for a course:

- Courses integrate interdisciplinary topics and methods and engage students in team-based learning.
- Courses are available at all levels, from gateway courses to advanced undergraduate and graduate courses.
- Register during normal registration periods; most courses are open enrollment.



"Bass Connections was the most challenging and most rewarding experience I had at Duke. I'm incredibly glad that I was able to participate, and I know that it gave me a valuable set of skills and expertise that I'll use for the rest of my career."

EXAMPLES

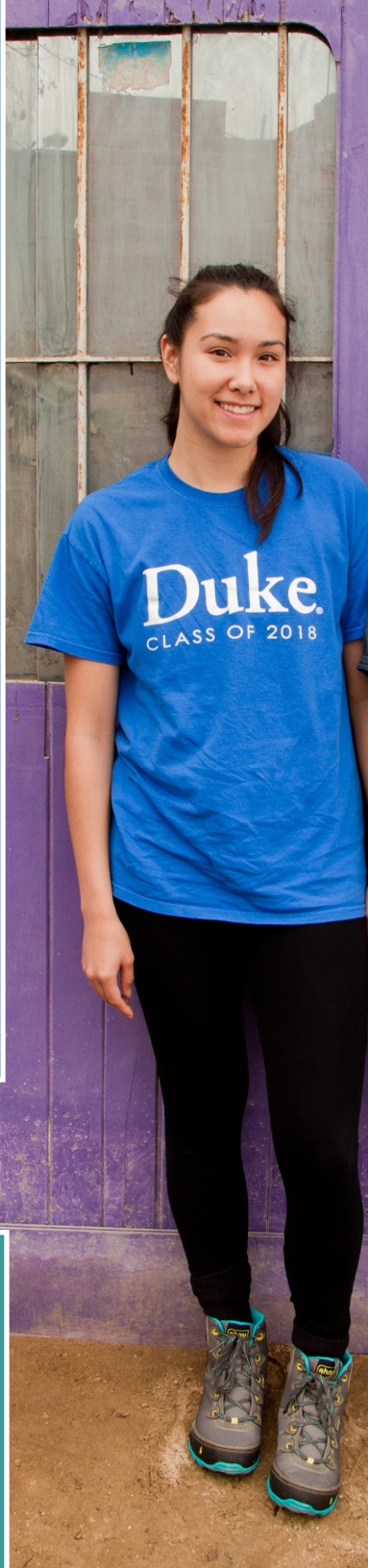
- EGR 101: Engineering Design and Communication
- NEUROSCI 289: Music and the Brain
- ISS 315: Mapping History with Geographic Information Systems
- SOCIOL 290S: Social Science Research Lab: Evaluating Healthcare Innovation
- PUBPOL 592: U.N. Climate Change Negotiation Practicum
- GLHLTH 755: Global Health Policy: Transforming Evidence into Action

Apply to a summer program:

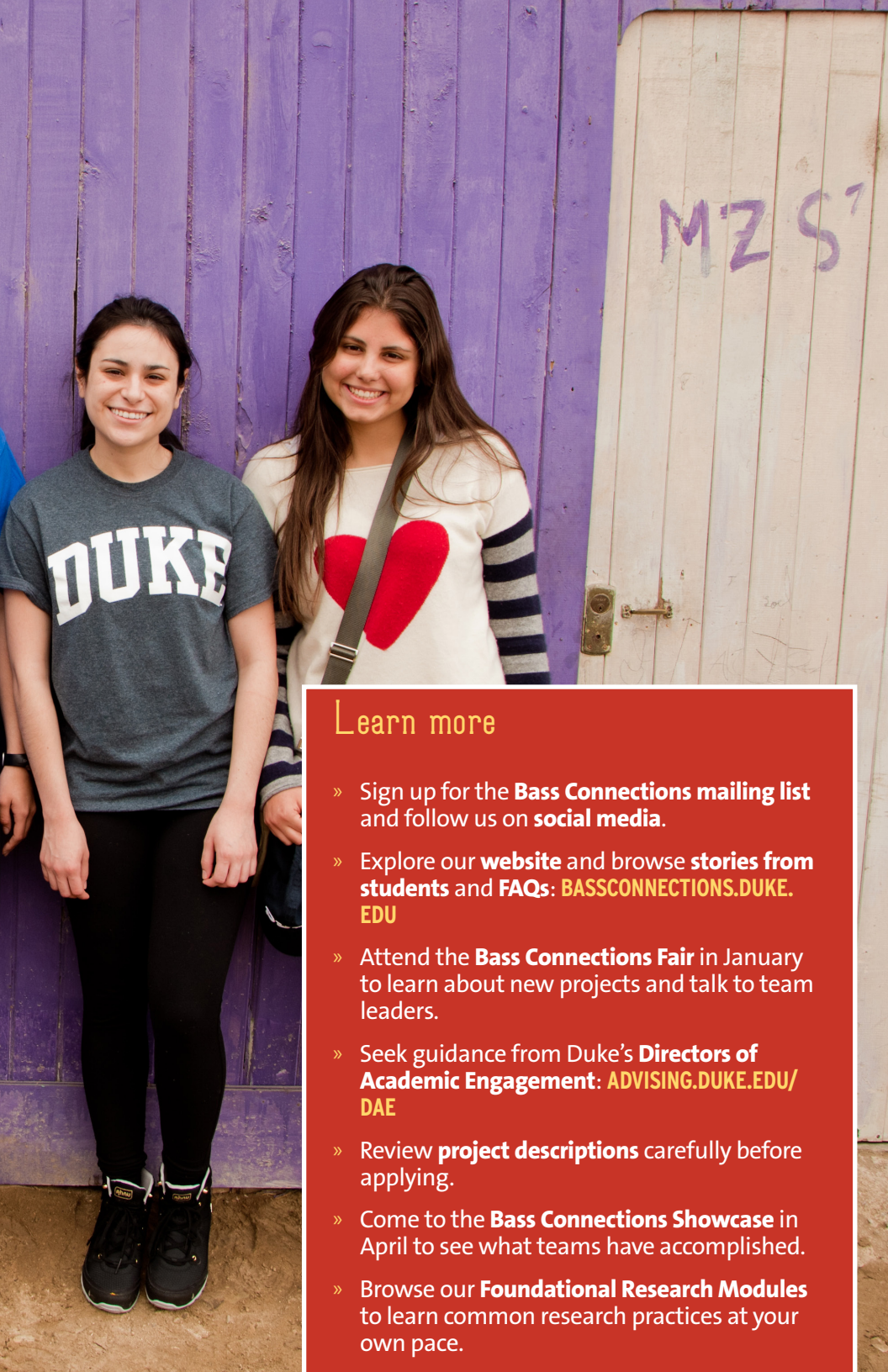
- Four summer programs engage students in intensive research around a diverse set of interdisciplinary challenges.
- Apply in September-October for Global Health Student Research Training; apply in January-February for Data+, Story+ and Summer Neuroscience Program.
- Programs take place over 6-10 weeks the following summer.

EXAMPLES

- Data+: Tracking Climate Change Causes and Impacts With Satellites and AI
- Story+: Coal and America: Stories from the Central Appalachian Coalfields
- Global Health Student Research Training: Reproductive Health in Western Kenya

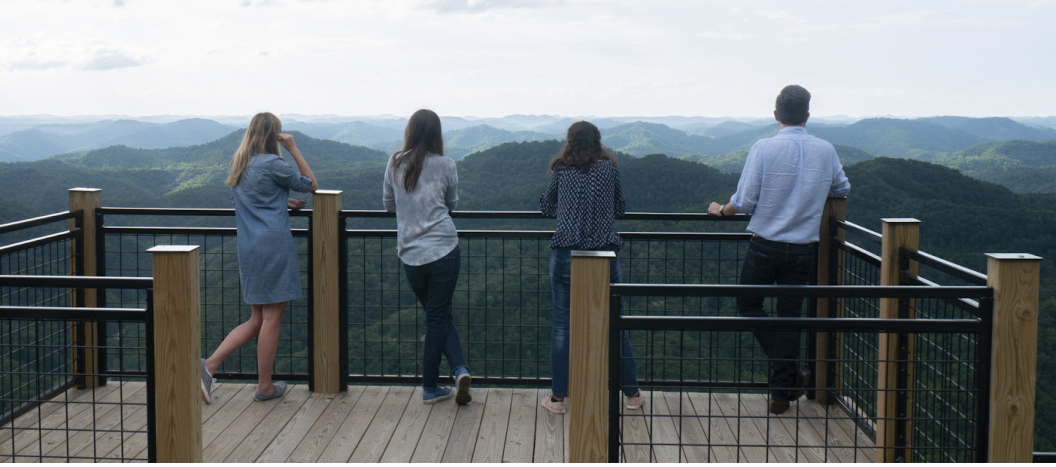


"Nobody held my hand at Data+ and walked me through how to solve a real world data problem; instead, awesome mentors pushed me to make big decisions on my own and think critically, which prepared me so much better for a career in the real world."



Learn more

- Sign up for the **Bass Connections mailing list** and follow us on **social media**.
- Explore our **website** and browse **stories from students** and **FAQs**: **BASSCONNECTIONS.DUKE.EDU**
- Attend the **Bass Connections Fair** in January to learn about new projects and talk to team leaders.
- Seek guidance from Duke's **Directors of Academic Engagement**: **ADVISING.DUKE.EDU/DAE**
- Review **project descriptions** carefully before applying.
- Come to the **Bass Connections Showcase** in April to see what teams have accomplished.
- Browse our **Foundational Research Modules** to learn common research practices at your own pace.



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