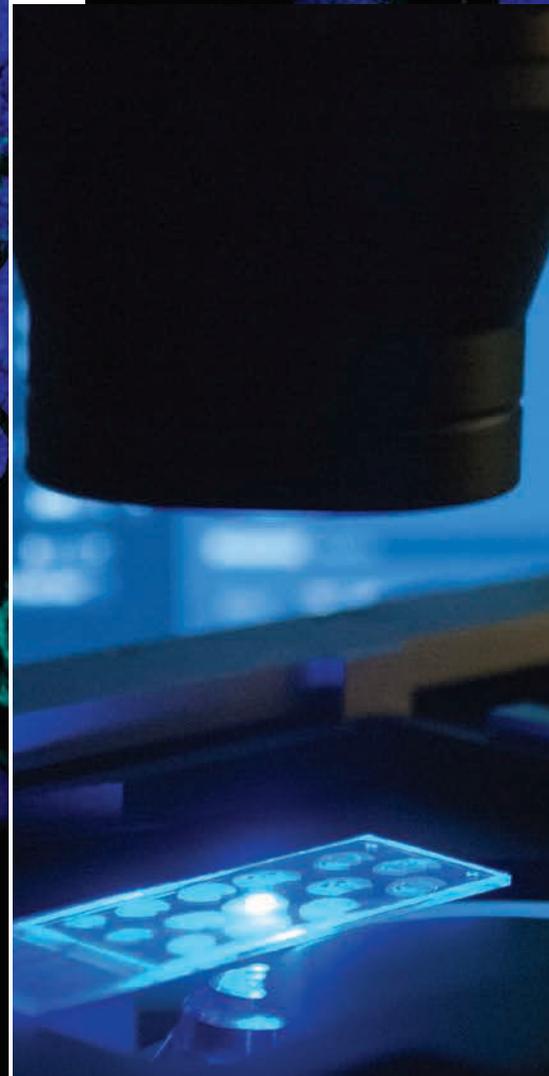
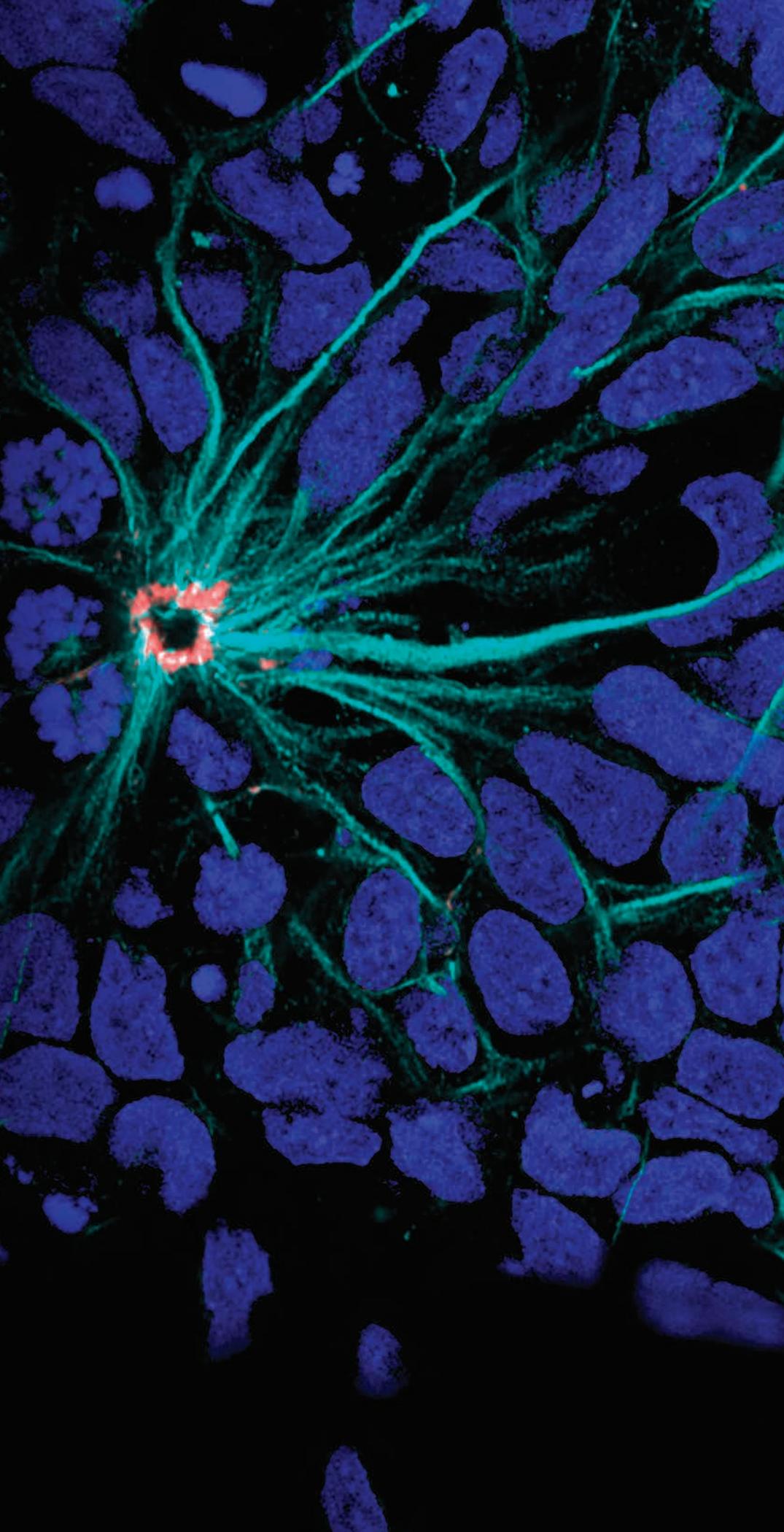


2022–2023

THE ROCKEFELLER UNIVERSITY

Graduate Program in Bioscience





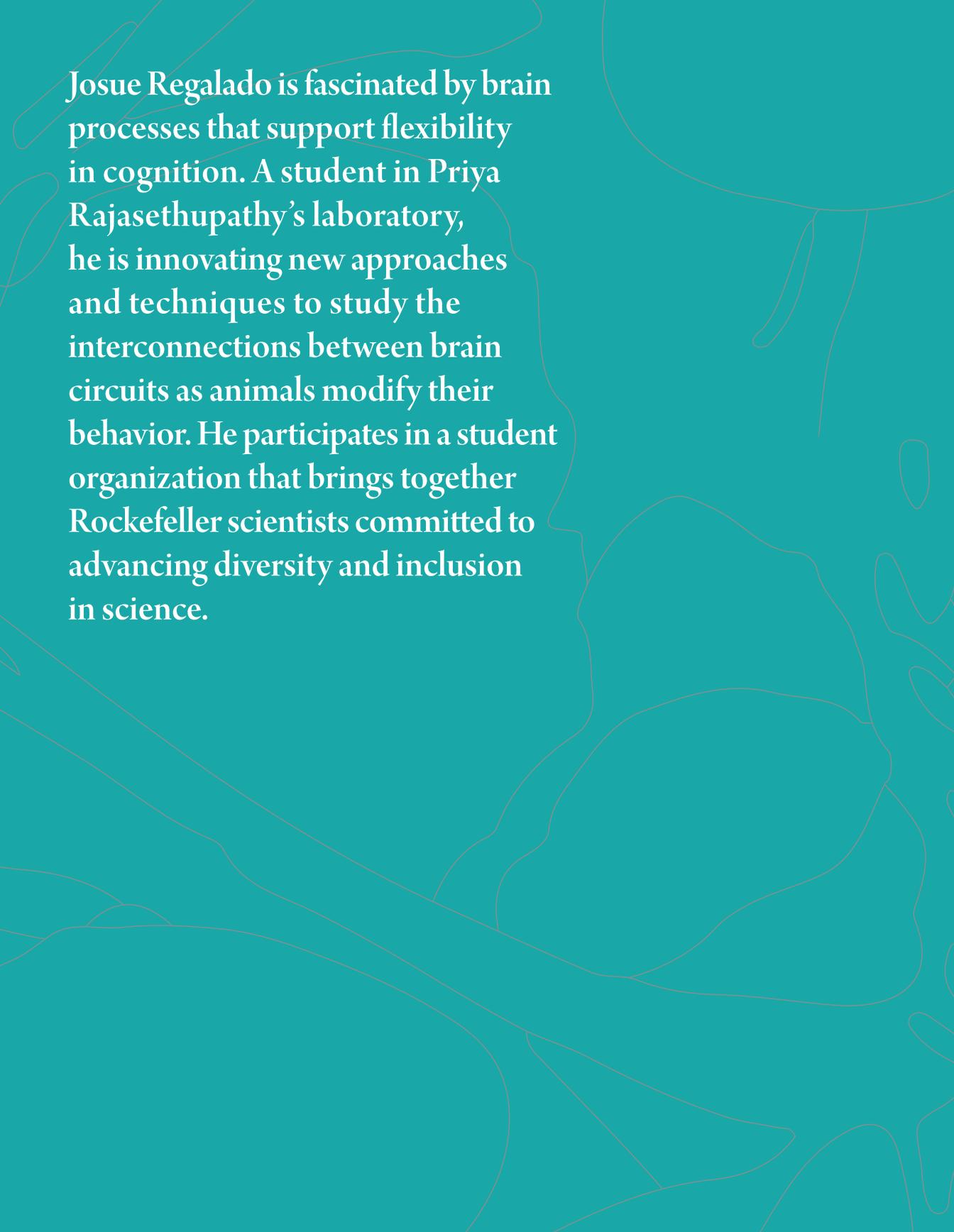
The background features a stylized line-art illustration of several hands of different shapes and sizes, some holding a globe. The lines are thin and grey, creating a sense of global unity and support. The text is overlaid on this background in a bold, teal-colored serif font.

“You can leave a tremendous impact as a Rockefeller student. The graduate program encourages you to ask big-picture questions and become a champion for diversity and inclusion.”

Josue Regalado







Josue Regalado is fascinated by brain processes that support flexibility in cognition. A student in Priya Rajasethupathy's laboratory, he is innovating new approaches and techniques to study the interconnections between brain circuits as animals modify their behavior. He participates in a student organization that brings together Rockefeller scientists committed to advancing diversity and inclusion in science.

ROCKEFELLER'S
supportive, flexible
ACADEMIC PROGRAM IS DESIGNED
TO ENCOURAGE **exploration**
and independence.

To learn science, do science. It's the foundation of our educational program and the key to our students' success. The laboratory is the centerpiece of a Rockefeller education. With help from the Dean's Office and faculty, students choose a mentor and project, acquire relevant coursework, and plan and execute experiments designed to yield new knowledge.



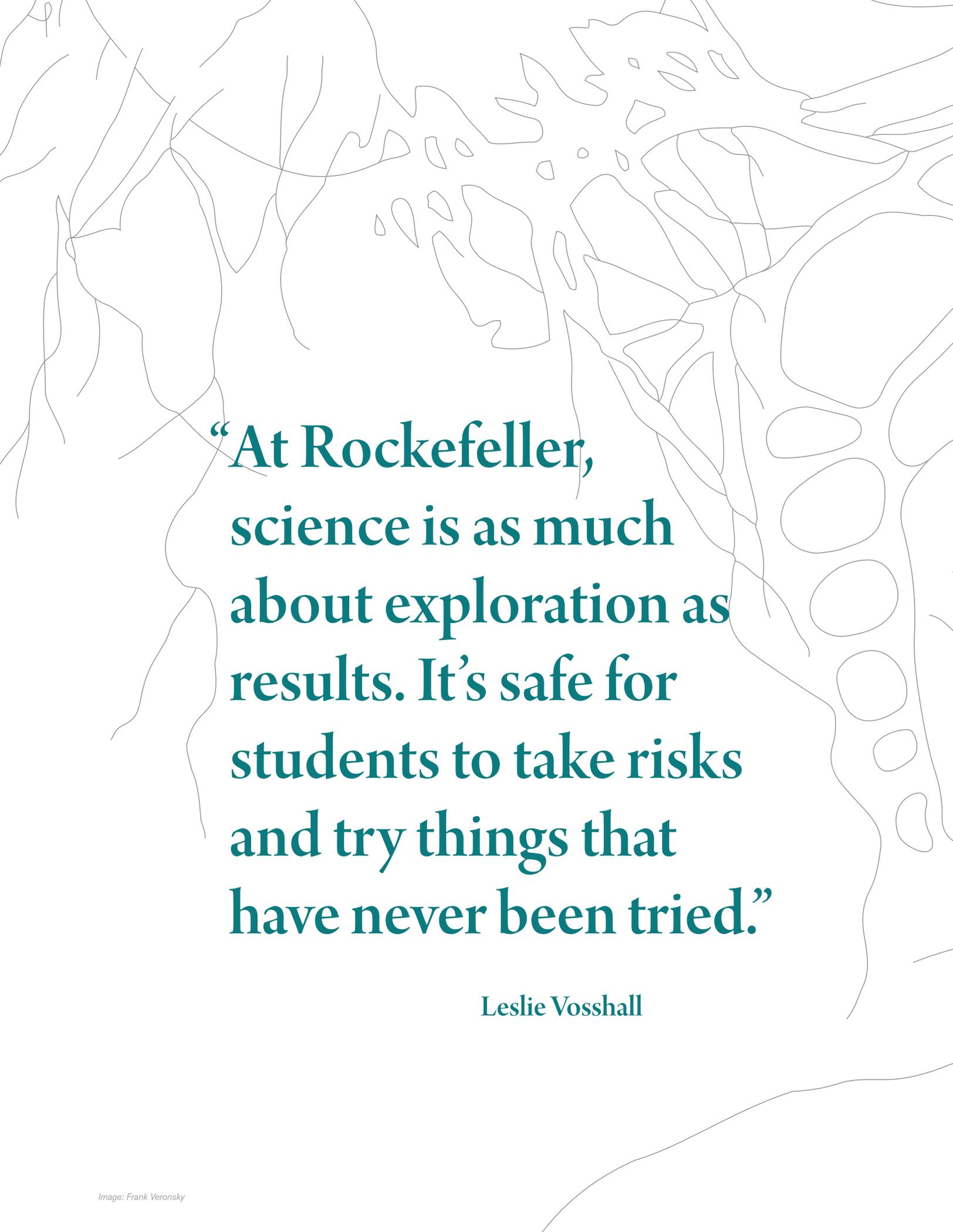


ROCKEFELLER IS
a diverse scientific village
WHERE FACULTY AND STUDENTS
work together as equals.





With no departments and a unique, collaborative culture, Rockefeller's structure is designed to stimulate interaction between researchers from different disciplines. Students are an essential part of the 2,000-member community and play a leading role in much of its ongoing research. Many thesis projects lead to first-author publications in top-tier journals.

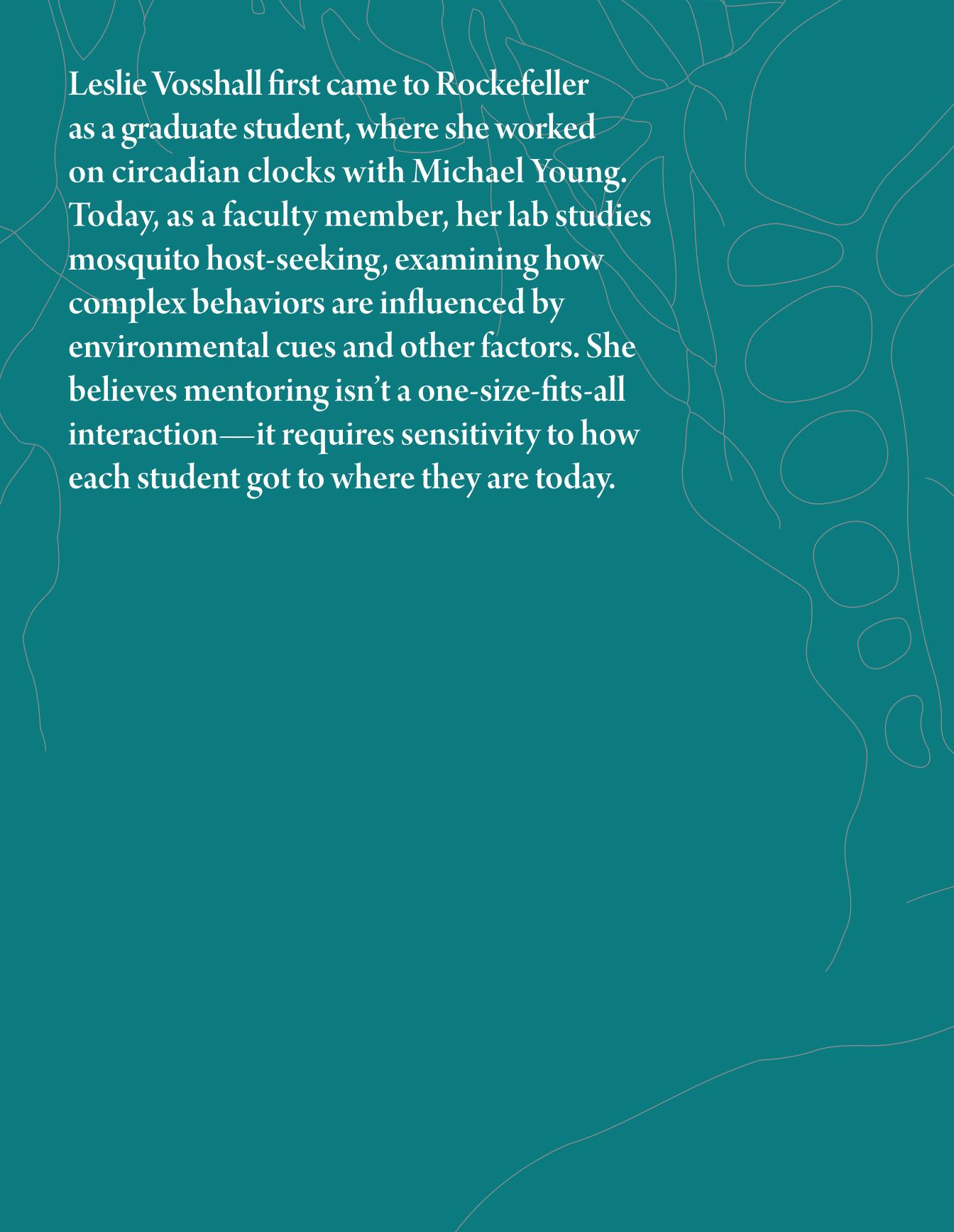


**“At Rockefeller,
science is as much
about exploration as
results. It’s safe for
students to take risks
and try things that
have never been tried.”**

Leslie Vosshall







Leslie Vosshall first came to Rockefeller as a graduate student, where she worked on circadian clocks with Michael Young. Today, as a faculty member, her lab studies mosquito host-seeking, examining how complex behaviors are influenced by environmental cues and other factors. She believes mentoring isn't a one-size-fits-all interaction—it requires sensitivity to how each student got to where they are today.

OUR **bright, creative faculty**
ARE AMONG THE BEST IN THEIR FIELDS
AND INCLUDE
INTERNATIONAL **prizewinners**
and pioneers.

Rockefeller faculty members are passionate, curious, and energetic. They are also highly decorated: Rockefeller has been home to 26 scientific Nobel Prize winners over the years. Faculty recruitment is an ongoing process designed to identify and attract the best bioscientists in the world, regardless of what they study.

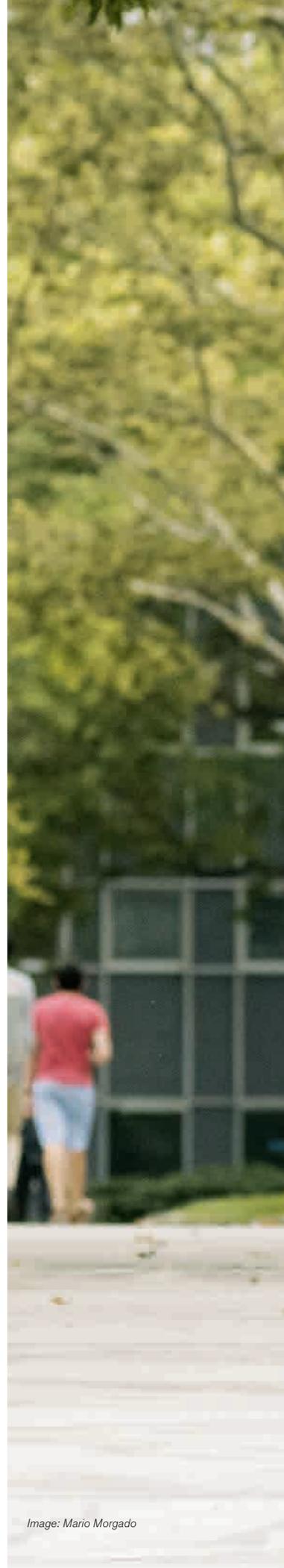


Image: Mario Morgado







WE INVEST HEAVILY IN OUR PEOPLE,
PROVIDING THE **infrastructure
and technology**
THEY NEED TO
EXPERIMENT AND EXPLORE.

Great people need great places to work. Our newest laboratory building, opened in 2019, spans nearly four city blocks on two levels. Built over Manhattan's FDR Drive, a busy six-lane highway, it houses 23 labs in 130,000 square feet of open-plan lab space, with stunning East River views. It's part of Rockefeller's 121-year tradition of investing in the tools and technology that make high-risk, high-reward science possible.



ROCKEFELLER STUDENTS LEARN
shoulder-to-shoulder

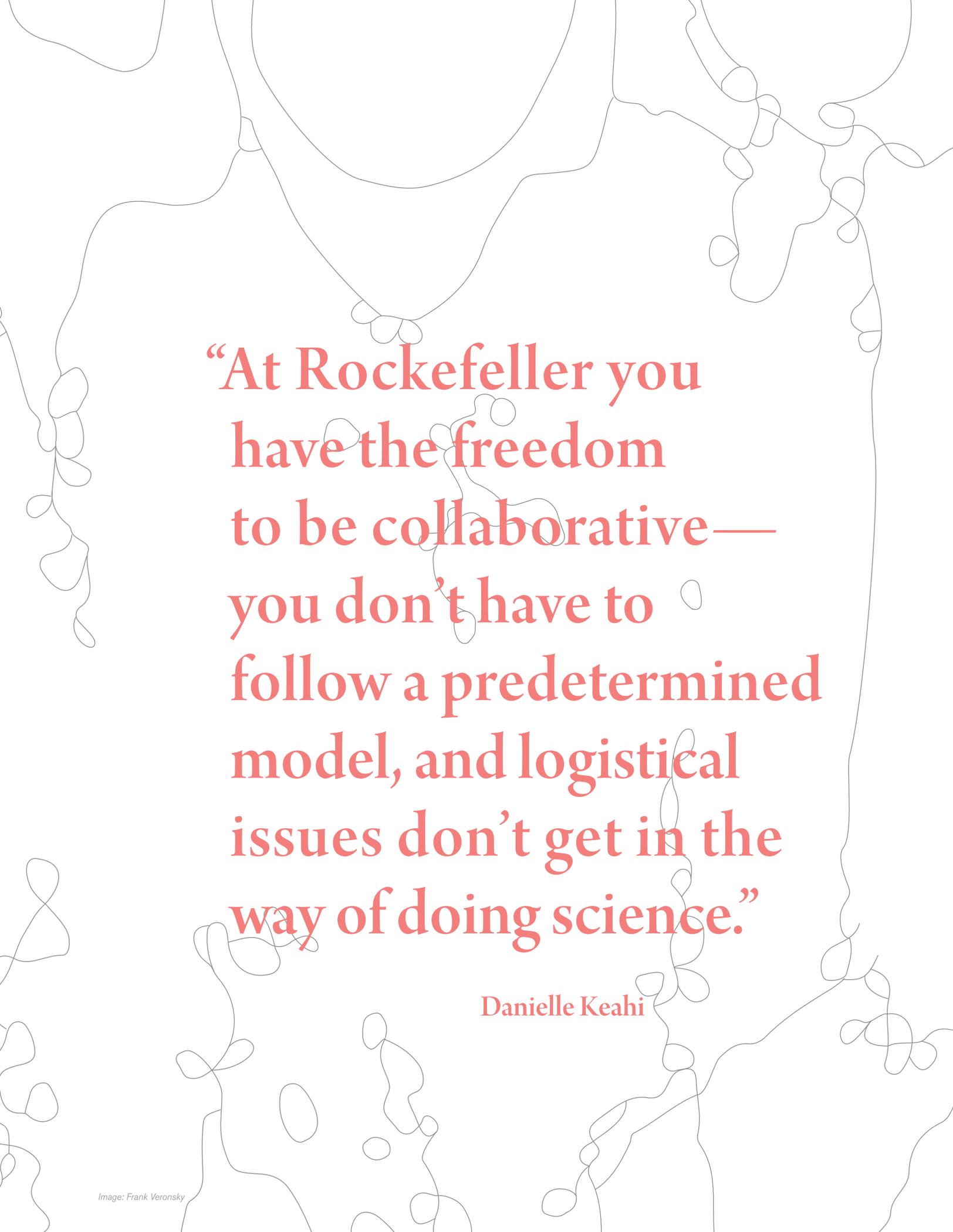
WITH DEDICATED, WORLD-RENOWNED MENTORS.

Image: Frank Veronsky



The world's brightest students should learn science alongside the best professors in the world. With 72 choices, there's a laboratory—and an advisor—for any interest. And since faculty administrative responsibilities are minimal, students and mentors have time for one-on-one interactions and impromptu learning.



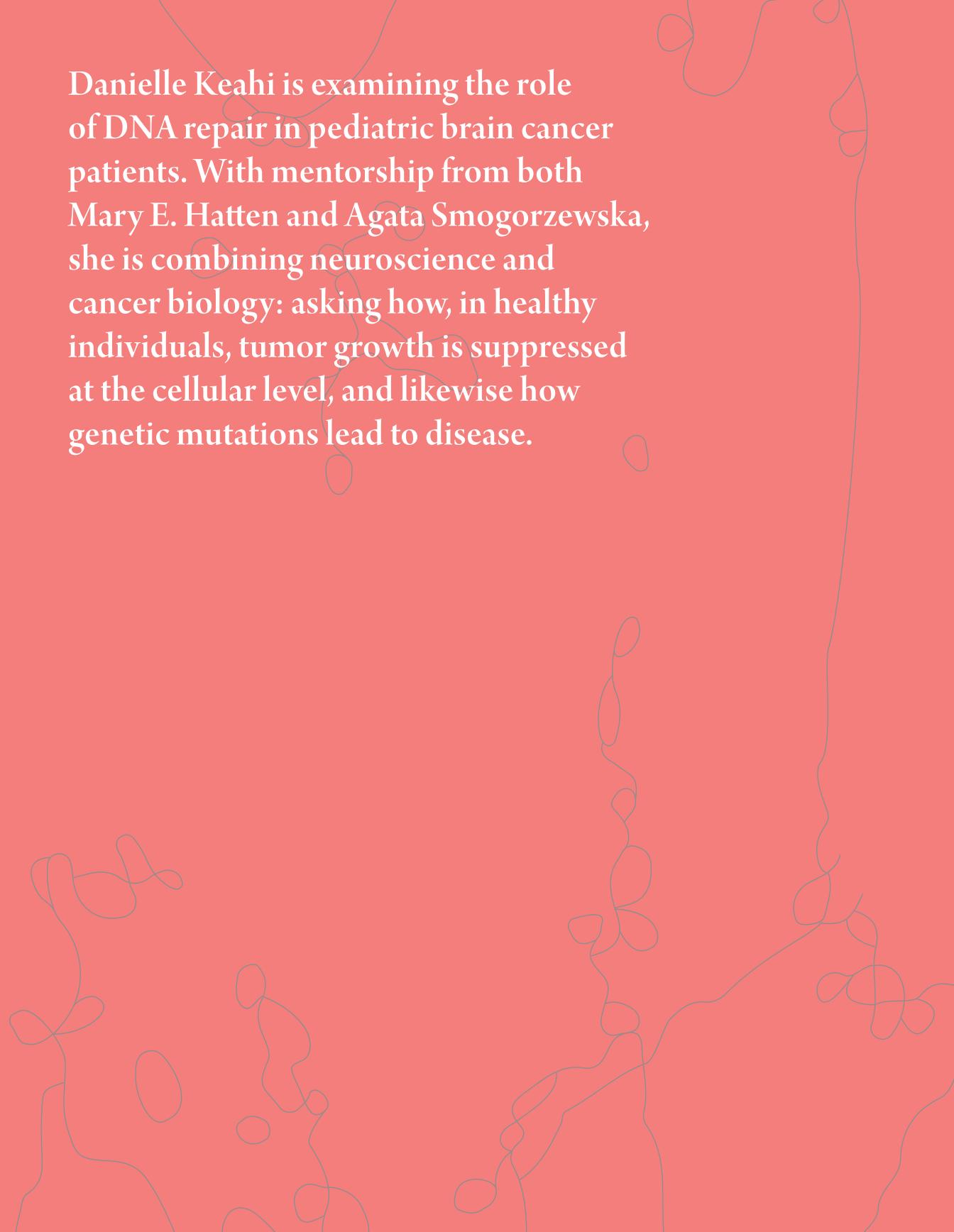


**“At Rockefeller you
have the freedom
to be collaborative—
you don’t have to
follow a predetermined
model, and logistical
issues don’t get in the
way of doing science.”**

Danielle Keahi







Danielle Keahi is examining the role of DNA repair in pediatric brain cancer patients. With mentorship from both Mary E. Hatten and Agata Smogorzewska, she is combining neuroscience and cancer biology: asking how, in healthy individuals, tumor growth is suppressed at the cellular level, and likewise how genetic mutations lead to disease.





WE PROVIDE GENEROUS

professional and personal support

THAT ALLOWS OUR STUDENTS TO TAKE ON

learning, not debt.

Cells and genes, not dollars and bills,
are the focus of a Rockefeller education.
We take care of the finances, including a
stipend, health insurance, and an annual
research budget. Our on-campus Child and
Family Center provides affordable group
childcare for the entire community.

THE PROGRAM LEADERS GET TO KNOW

EVERY STUDENT ONE-ON-ONE, HELPING EACH

plan and execute

AN INDIVIDUALIZED COURSE OF STUDY.





In addition to mentorship from faculty advisors, students receive careful, thoughtful guidance from deans Tim Stearns and Emily Harms. Their job is to listen to what each student needs, and help create a strategy to achieve it.

CAREER DEVELOPMENT STAFF

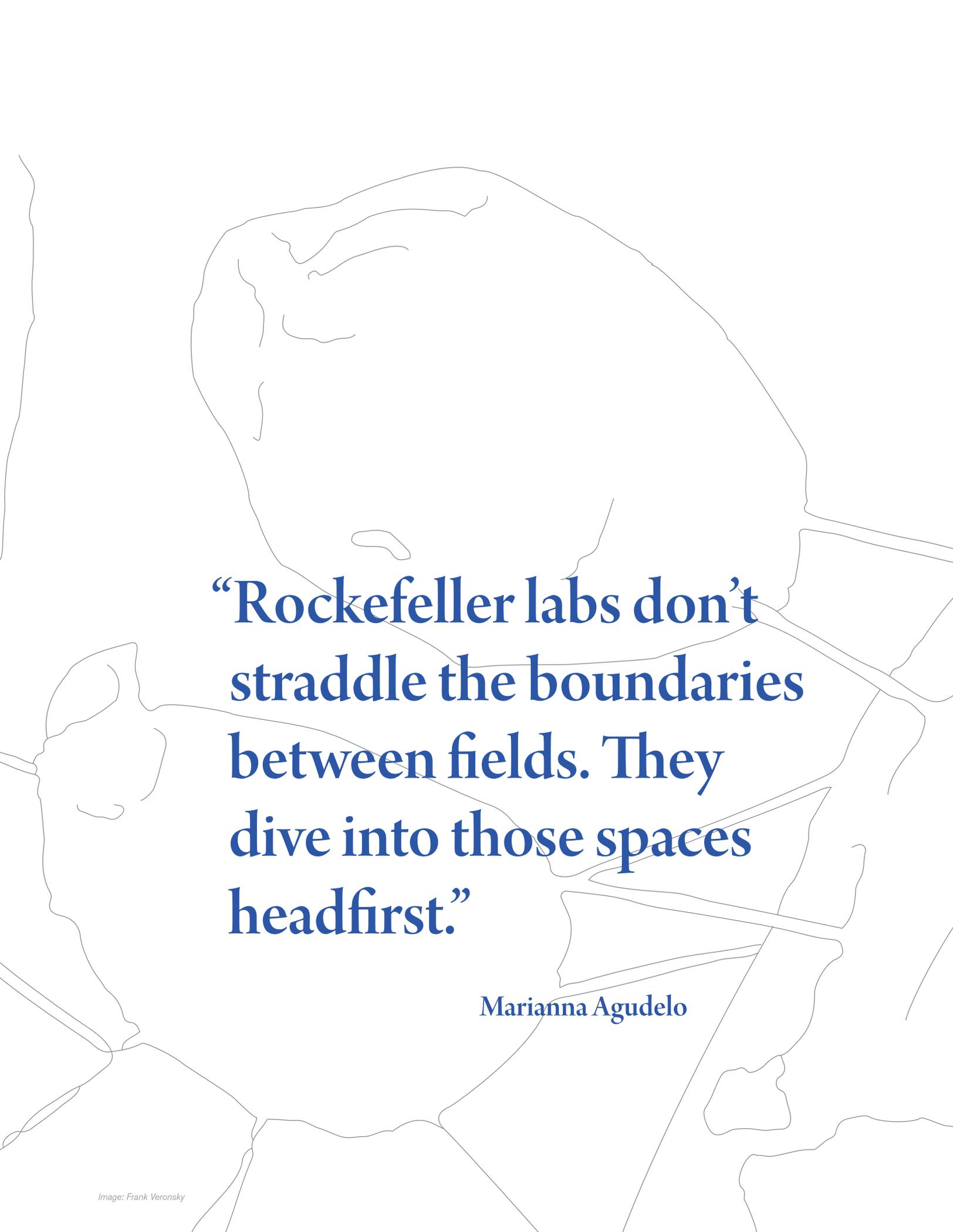
HELP STUDENTS

explore options AND clarify goals.

Students have many opportunities to partner with Rockefeller's Assistant Dean and Director of Career and Professional Development, Andrea Morris, to build a rewarding career in science. From traditional academic appointments to jobs in biotech, pharma, business, and policy, students are supported to explore possibilities, and build appropriate skills and networks.



Image: Mario Morgado

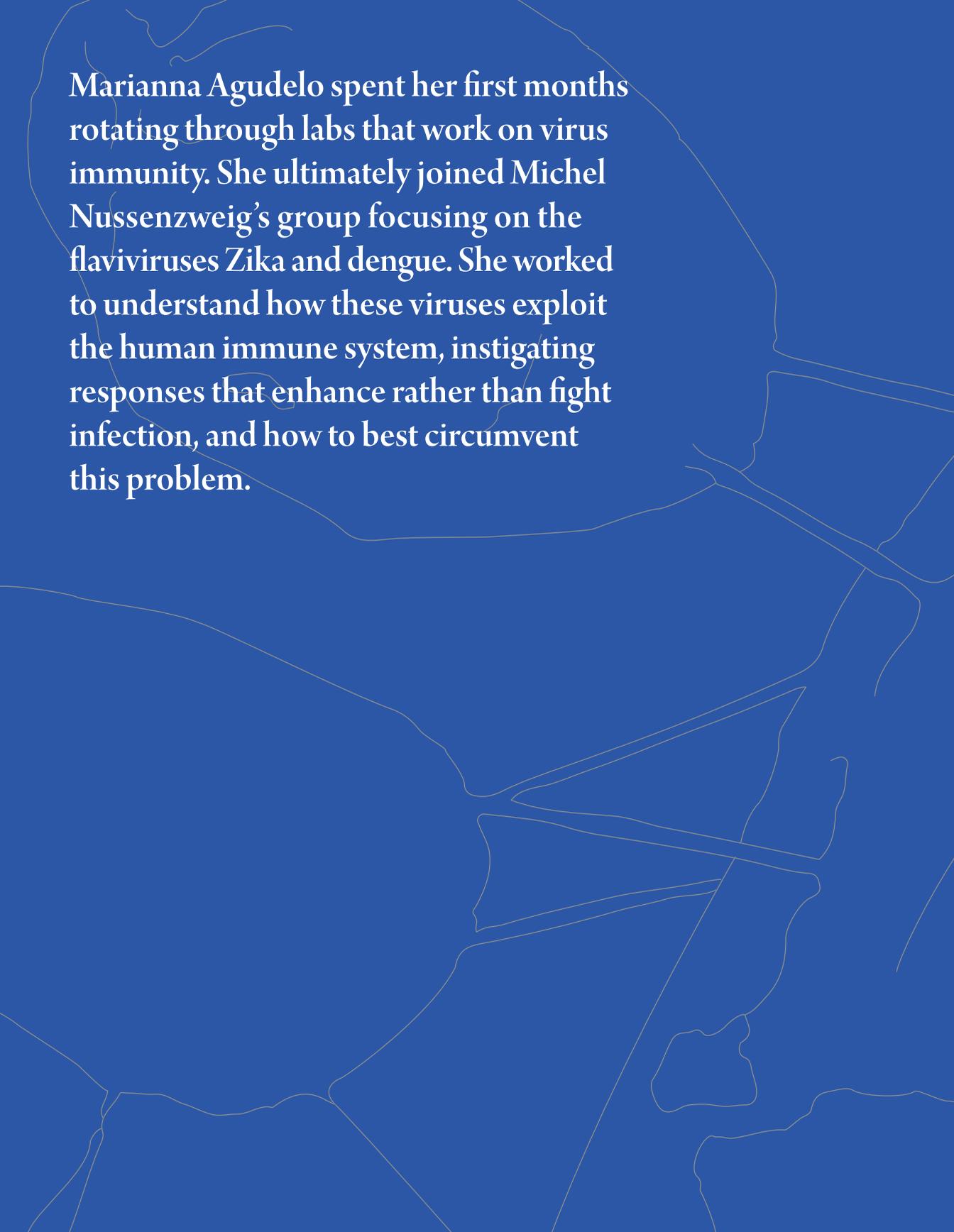


**“Rockefeller labs don’t
straddle the boundaries
between fields. They
dive into those spaces
headfirst.”**

Marianna Agudelo







Marianna Agudelo spent her first months rotating through labs that work on virus immunity. She ultimately joined Michel Nussenzweig's group focusing on the flaviviruses Zika and dengue. She worked to understand how these viruses exploit the human immune system, instigating responses that enhance rather than fight infection, and how to best circumvent this problem.

ROCKEFELLER STUDENTS
ARE PART OF A **tight-knit
community**

THAT'S SUPPORTIVE, RESPECTFUL,
DIVERSE, AND FUN.

Image: Jacob Pritchard





The vast majority of students, postdocs, and faculty live on or near campus. There are barbecues, concerts, lectures, and film screenings, not to mention opportunities for informal gatherings at the Faculty and Students Club.



STUDENT RESIDENCES ARE

convenient, affordable, and guaranteed.

All Rockefeller students receive subsidized housing from arrival through graduation. Bring your own furniture or use ours—either way the apartments are clean, secure, and comfortable, and rents start at \$738.



STUDENT LIFE IS ALSO ABOUT THE

extracurriculars.

OUR STUDENTS PERFORM IN ORCHESTRAS,

PLAY LEAGUE SPORTS,

AND VOLUNTEER IN THE COMMUNITY.





Both scientific and nonscientific speakers fill the university's lecture calendar, and many make time for informal luncheons with small groups of students. And there are numerous options for the athletically or musically inclined, including a Tri-Institutional orchestra composed entirely of medical and scientific professionals.

ROCKEFELLER'S **New York City campus**

PUTS STUDENTS AT THE

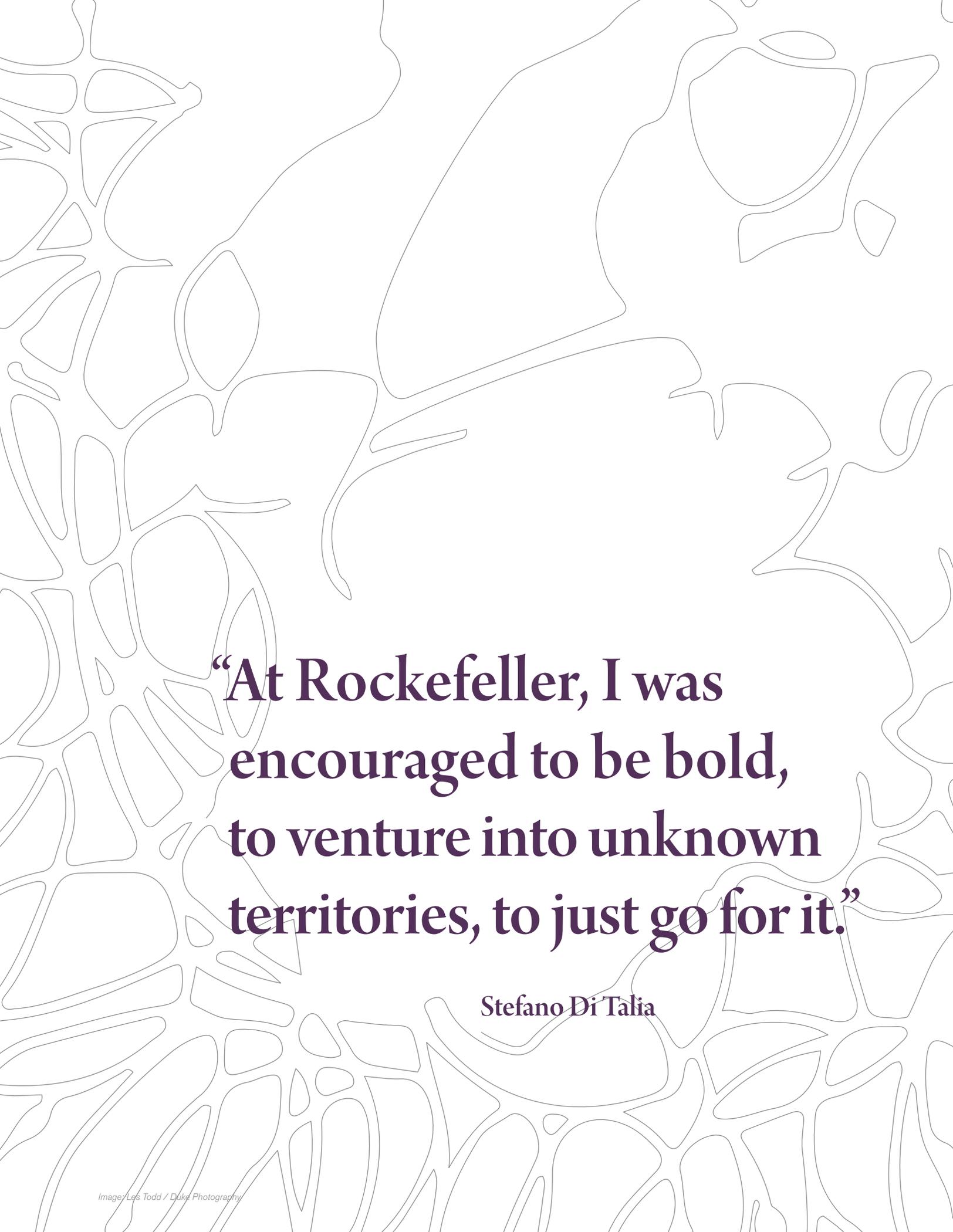
global epicenter

OF CULTURE AND COMMERCE.



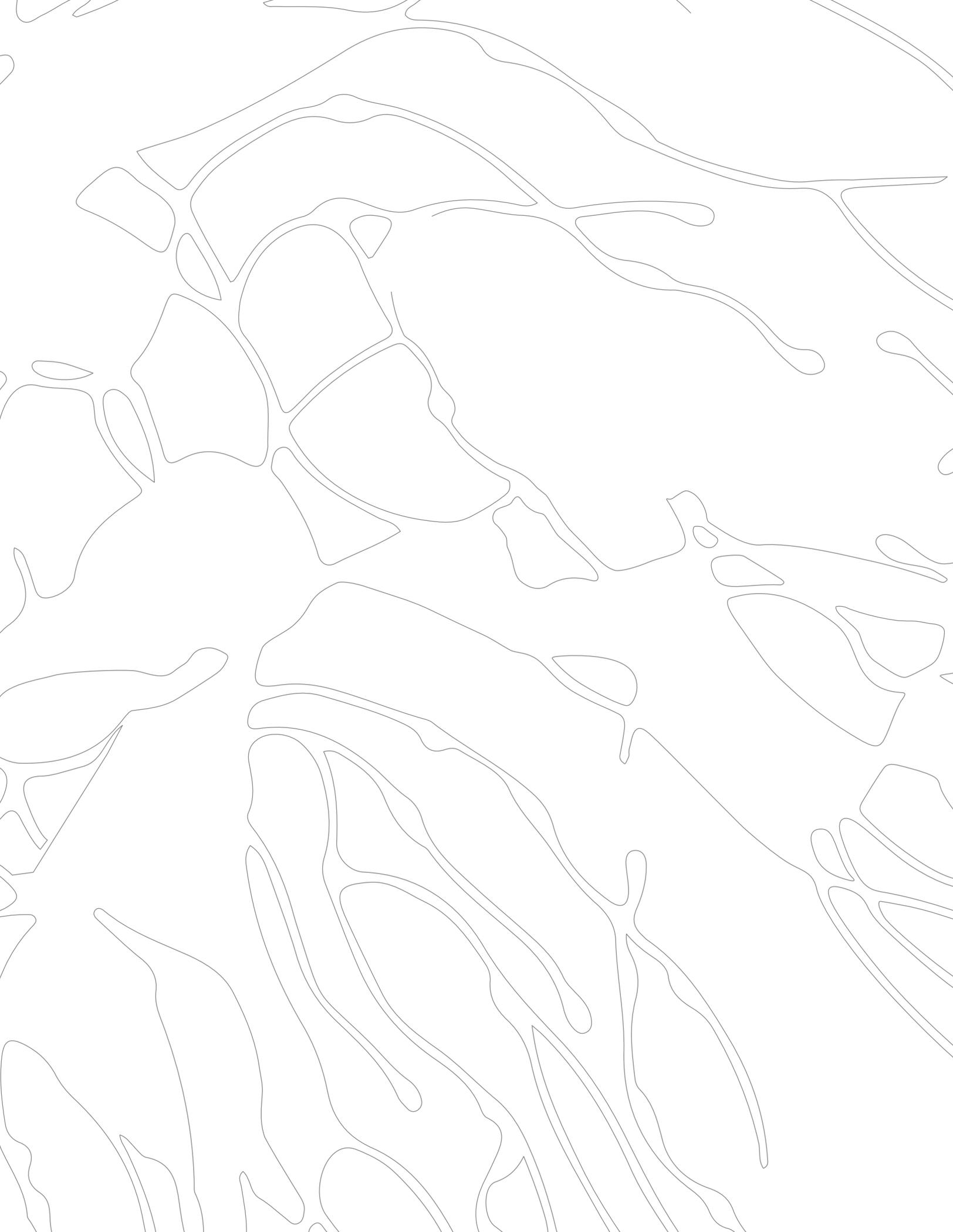
Rockefeller's leafy, serene campus belies its location at the heart of one of the world's truly great cities, where easy access to museums, concerts, and theater provides an artistic balance to scientific education. New York City is also a burgeoning hub of bioscience activity, with more than a dozen academic institutions and a growing biotech industrial sector.



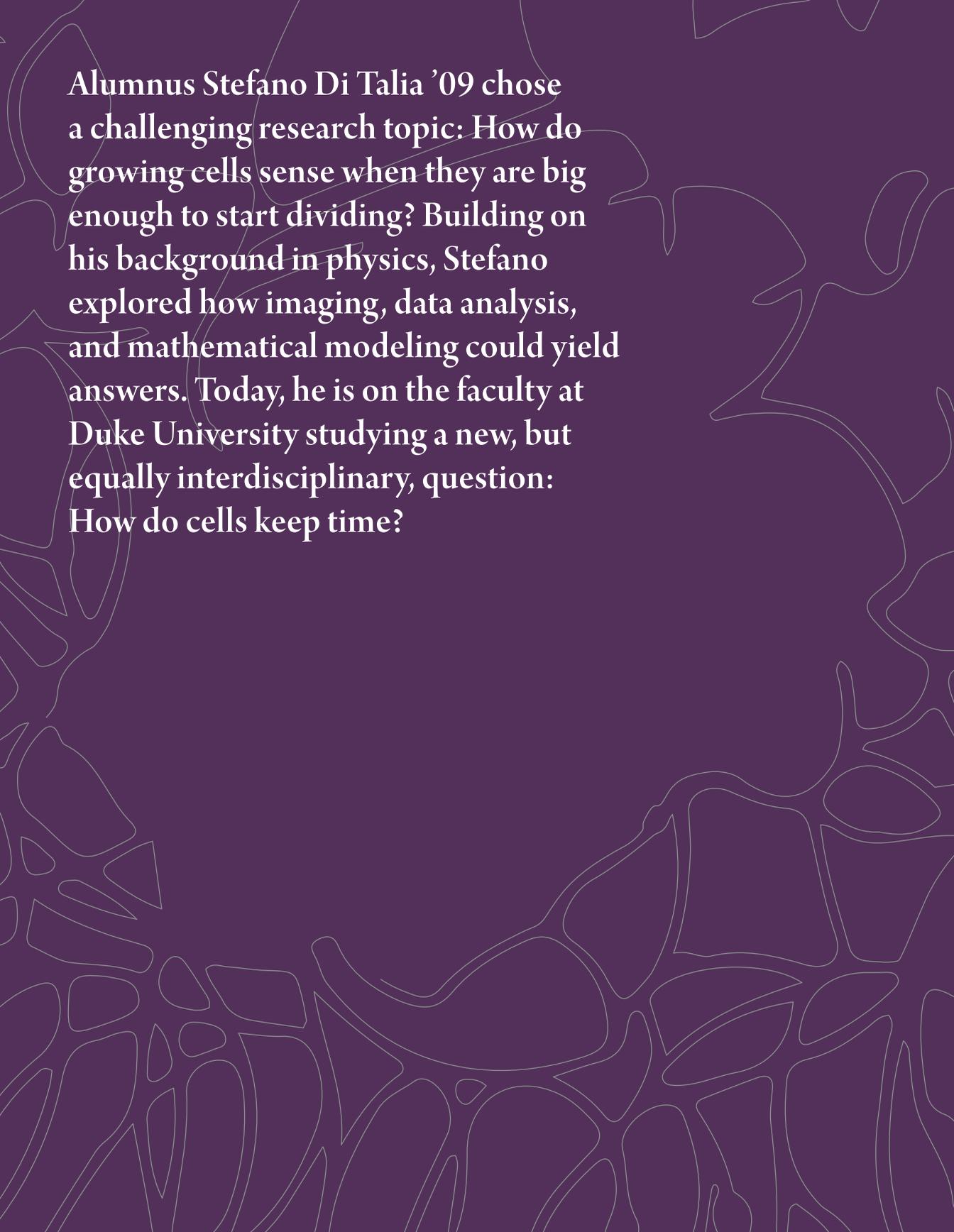


**“At Rockefeller, I was
encouraged to be bold,
to venture into unknown
territories, to just go for it.”**

Stefano Di Talia





The background of the page is a dark purple color with a white line-art pattern of interconnected, irregular shapes that resemble a network of cells or a complex biological structure. The lines are thin and create a mesh-like appearance.

Alumnus Stefano Di Talia '09 chose a challenging research topic: How do growing cells sense when they are big enough to start dividing? Building on his background in physics, Stefano explored how imaging, data analysis, and mathematical modeling could yield answers. Today, he is on the faculty at Duke University studying a new, but equally interdisciplinary, question: How do cells keep time?

A ROCKEFELLER EDUCATION OPENS DOORS
TO CAREERS IN ACADEMIC RESEARCH
AND MANY OTHER DISCIPLINES.

Whatever your path, the skills you'll gain in critical thinking, experimental rigor, and analytical reasoning—not to mention the friendships and collaborations you'll form—will last a lifetime. Thirty-six of our approximately 1,400 graduates are members of the National Academy of Sciences, and two have won Nobel Prizes. Their success speaks for itself.

▼ **Nicole Creanza '11**, assistant professor at Vanderbilt University, is continuing the path she charted at Rockefeller, studying how the complex process of cultural evolution interacts with genetic evolution. Her favorite part of the job so far: mentoring graduate and undergraduate students as they forge independent research projects.



▲ **Cameron Bess '09** spent his time at Rockefeller working on viruses that affect millions of people. Now a Project Officer and Biologist at the U.S. Department of Health and Human Services (HHS), he's working to build the capacity of researchers in developing countries to tackle their own scientific challenges by connecting them with federally funded US scientists studying issues such as food security, disaster mitigation, child health, and infectious disease.



Alumni Career Outcomes 2012-2021



◀ During graduate school, **Maryam Zaringhalam '17** determined she wanted to focus on science communication and advocacy. Currently, as a Data Science and Open Science Officer at the National Library of Medicine, she is engaged in policy development in areas such as open access science, collaboration, and result reproducibility. Maryam is also a producer for The Story Collider's podcast and has written for outlets including Slate, *Scientific American*, and Quartz.

Postdoc

28%



▲ **Dirk Hockemeyer '07** and **Helen Bateup '08**, who met at Rockefeller, both accepted faculty positions at UC Berkeley. Dirk works on telomeres—repetitive DNA sequences that protect chromosome ends—and Helen is interested in mutations associated with neurodevelopmental disorders.

Industry/Biotech

20%

Faculty

15%

Research Staff

12%

Finance

6%

Consulting

4%

Writing/Publishing

4%

Education

2%

Government

2%

Medicine

2%

Law

1%

Nonprofit

1%

Other

3%

How to apply

The David Rockefeller Graduate Program is devoted to advanced education in the biomedical and physical sciences. The Rockefeller University is committed to recruiting and supporting a diverse graduate community, and encourages applications from individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from disadvantaged backgrounds. Rockefeller seeks to recruit the very best students from around the world, and offers hands-on training in the laboratory as well as a roster of required and elective courses on general research topics and scientific specialties. There is no core curriculum for the Ph.D. In consultation with the dean of graduate studies, students choose a flexible combination of courses totaling seven academic units taken in the first and second years.

The program charges no tuition. Students receive a \$46,250 annual stipend, and are guaranteed housing on or near campus at rents ranging from \$738 to \$1,294 a month. They are covered by comprehensive health, dental, and vision insurance plans. Students who obtain competitive fellowships from outside sources receive a stipend supplement from Rockefeller.

Applications are evaluated by faculty working in a wide range of fields, and they look for students who have demonstrated a commitment to scientific excellence and who they believe will thrive in a flexible, interdisciplinary program.

Prerequisites

Students who enter the Ph.D. program must have received a bachelor or master of arts or sciences, or doctor of medicine or equivalent international qualification. Applicants must demonstrate a high level of achievement in the biological, chemical, mathematical, or physical sciences.

Application Process

Applications must be submitted online at graduateapplication.rockefeller.edu. They must include:

- A **research statement** as described in the online application instructions
- An **official transcript** from each college or university you have attended
- **Letters of recommendation** from three or four sponsors who can assess your potential for research
- An application fee of \$50
- Submission of General and Advanced Subject Graduate Record Examination (GRE) scores **is not required for admission**.

Applications must be received by December 1, 2022, for entrance during the first week of September 2023.

Selected candidates will be invited to interview for a position in the graduate program in early 2023. During these visits, candidates have formal and informal opportunities to meet faculty and students, to visit laboratories and residence halls, to explore the campus and neighborhood, and to experience cultural opportunities in New York City.

For further information:

Office of Graduate Studies

The Rockefeller University
1230 York Avenue, Box 177
New York, NY 10065
phd@rockefeller.edu
Telephone: 212-327-8086
Fax: 212-327-8505

graduate.rockefeller.edu

For information on the Tri-Institutional M.D.-Ph.D. Program:

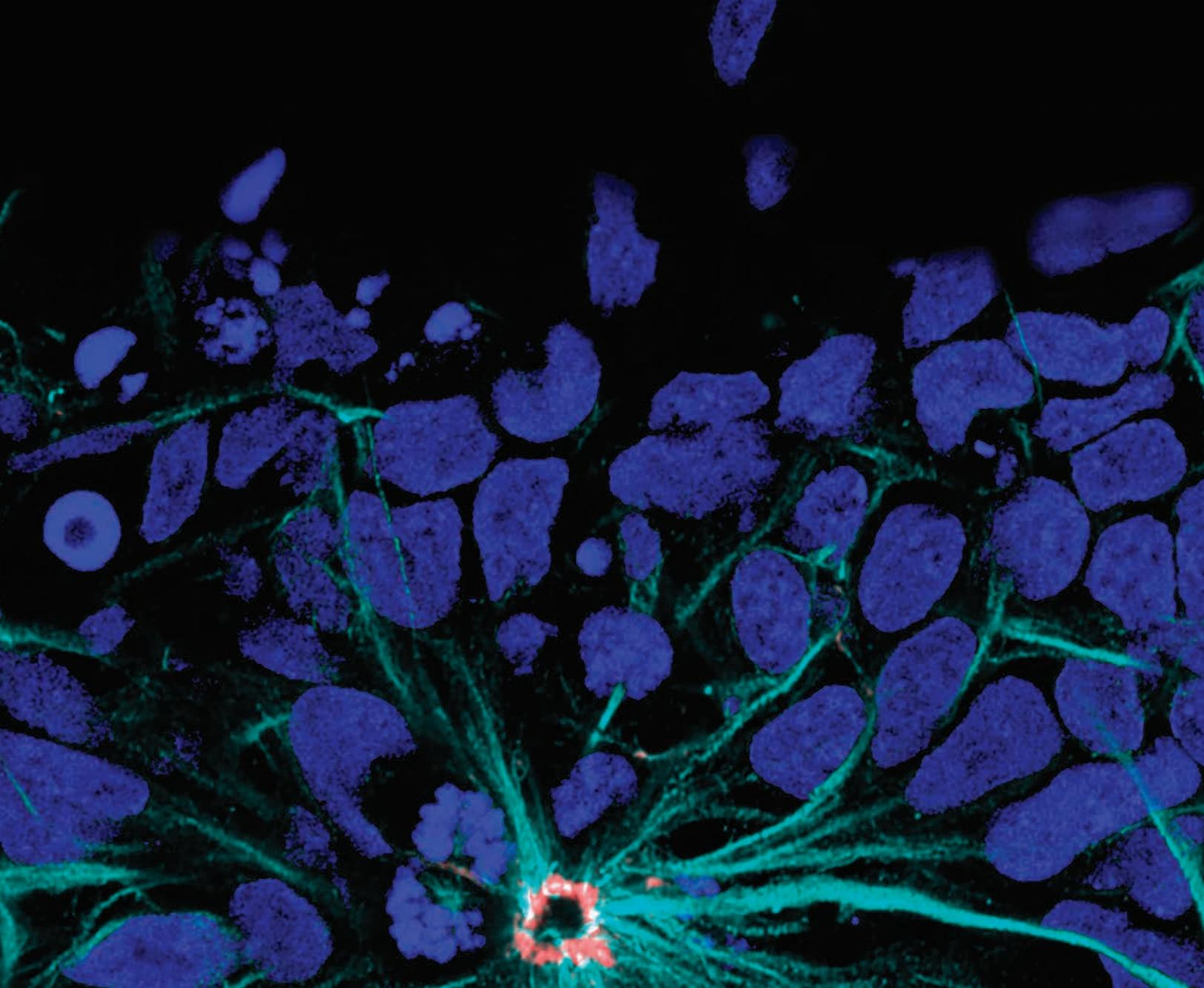
weill.cornell.edu/mdphd
mdphd@med.cornell.edu
212-746-6023

For information on the Tri-Institutional Training Program in Chemical Biology:

chembio.triiprograms.org
tpcb@triiprograms.org
212-746-5267

For information on the Tri-Institutional Program in Computational Biology & Medicine:

compbio.triiprograms.org
cbm@triiprograms.org
212-746-5267



The Rockefeller University is accredited by the New York State Board of Regents and the Commissioner of Education, 89 Washington Avenue, Albany, NY 12234, 518-474-1551.

Program title: Biological Sciences
Program codes: 22043 (M.S.), 09328 (Ph.D.)
HEGIS code: 0401

Program title: Physics
Program codes: 22044 (M.S.), 09332 (Ph.D.)
HEGIS code: 1902

The Advisory Committee on Campus Security will provide upon request all campus crime statistics. For copies of these statistics, please contact James K. Rogers, Director of Security, at (212) 327-7339 or jrogers@rockefeller.edu. These statistics also are posted on the University website at <https://www.rockefeller.edu/security/>.

It is the policy of The Rockefeller University to support equality of educational and employment opportunity. No individual shall be discriminated against with respect to admission, access, or employment in or to any University program or activity on the basis of race, color, national origin, religion, sex (including gender, gender identity, gender expression, pregnancy, and sexual harassment), disability, age, citizenship status, military status, marital or partnership status, sexual orientation, genetic information, or any other characteristic protected by law. The Rockefeller University is committed to the maintenance of affirmative action programs that will assure the continuation of such equality of opportunity.

The following person has been designated to handle inquiries regarding the University's non-discrimination policy:

Virginia Huffman
Vice President, Human Resources and Title IX Coordinator
Founder's Hall, Room 103
New York, New York 10065
(212) 327-7261
huffman@rockefeller.edu

Inquiries also may be directed to the U.S. Department of Health and Human Services, Office for Civil Rights at: <https://www.hhs.gov/ocr/> or by telephone at: 1-800-868-1019, or 1-800-537-7697 (TDD).

