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Europe. It's no longer the case, in part because CSHL's alumni, including many Nobel laureates, have scientists, the CSHL Press, and our advanced training courses have helped disseminate knowledge so extensively. Likewise, exceptional scientists come to CSHL from around the world to be part of our community. Our current faculty includes scientists from 45 countries, and their laboratories are equally diverse.

Approximately 70 percent of our postdocs and 60 percent of our students come from outside the U.S. Many end up staying in the country, becoming leaders in their fields. It includes people like Supriya Prasanth, who came to CSHL from India in 2001 to do a postdoc in my lab and now heads the Department of Cell and Developmental Biology at the University of Illinois Urbana-Champaign. CSHL trainees have found tremendous success outside the U.S., too. Greg Hannon, once a postdoc in David Beach's lab, headed a laboratory here for 18 years before leaving CSHL in 2014 to direct the Cancer Research UK Cambridge Institute. Zachary Mainen, who did postdoctoral research in former CSHL neuroscientist Roberto Malinow's lab, was also part of the CSHL faculty until 2007. Now he directs the neuroscience program at the Champalimaud Centre for the Unknown in Lisbon, Portugal. Numerous

Other alumni, including many Nobel laureates, have passed through CSHL. CSHL's intellectual community becomes even broader and more diverse when we consider the thousands of scientists who visit our campus every year, either virtually or in person. CSHL has been a place for global collaboration since its beginnings. In the 1940s, Max Delbrück and Salvador Luria spent their summers here, taking time away from positions at Vanderbilt and Indiana University to study bacteria-infecting viruses called bacteriophage. Their work together, and later with Alfred Hershey, helped launch the field of molecular genetics and led to a 1969 Nobel Prize. Today, CSHL remains a focal point for science's interdisciplinary "supergroups." We are

experimental methods and making them readily available to the world's research communities.

Many leading scientists recall courses they took at CSHL as hugely influential on their careers. One prominent example is Venki Ramakrishnan, who came here in 1988 to learn about crystallography and went on to share the 2009 Nobel Prize in Chemistry for determining the structure and mechanism of action of the machinery that makes proteins in cells. Writing about his experience at CSHL, Ramakrishnan states: "The faculty were world-famous and one of them went on to win the Nobel Prize a day after the course. Both I and Rod MacKinnon, a student in a subsequent year, used our newly acquired skills to do the work that won us our own Nobels." To date, 11 scientists who have been

awarded the Nobel Prize have taken advanced laboratory courses at CSHL.

By opening our meetings to virtual attendance, we have expanded participation significantly, improving access for far-away scientists who might otherwise be unable to attend. Scientists from Africa and Southeast Asia, in particular, are now much better represented at our meetings. About 13,000 people attended CSHL meetings and courses in 2023, gathering to learn powerful research techniques and discuss the latest findings in a range of fields, from plant genomics to immunology and neurobiology. These events give scientists fresh ideas that they take back with them to labs around the world. Ms2ts givrK10.1 (e ledgbe unable)JTJ ET EMC /P <</L

the International Brain Laboratory, whose experimental and theoretical neuroscientists work together to investigate the brain circuits that control complex behaviors. These scientists, including CSHL Professor Tony Zador, work at 22 labs in the U.S. and Europe. CSHL is where they come to discuss their progress and plan for the project's future. Likewise, we are the gathering point for the U.S. National Cancer Institute and Cancer Research UK Cancer Grand Challenges-supported team who are investigating cachexia, the wasting disease that causes extreme weight loss in many people with advanced cancers. The international team is co-led by Eileen White, a former postdoc in my laboratory, now deputy director of the Rutgers Cancer Institute of New Jersey. CSHL Associate Professor Tobias Janowitz is a co-leader of the \$25 million project that involves 13 institutions in the U.S. and U.K.

Sharing Scientific Knowledge

Our commitment to sharing and disseminating scientific knowledge is perhaps best illustrated through CSHL's world-renowned Meetings & Courses Program. Each year, we host dozens of courses, drawing attendees from across the globe. Our courses equip scientists with the skills and knowledge needed to explore new territory or delve deeper into their field of study. They have supported massive progress in fields such as neuroimaging, structural biology, genome engineering, and molecular biology—not just from the courses themselves, but via the CSHL Press compiling laboratory protocols and

...the science we do at CSHL touches the lives of everyone.

Strengthening Scientific Literacy

Our DNA Learning Center (DNALC), established in 1988, has always recognized that the science we do at CSHL touches the lives of everyone. Our educational programs for middle and high school students equip children with knowledge of modern genetics and its impact on society. More than 750,000 students have now been exposed to the scientific method through our hands-on approach to learning.

The DNALC program started with outreach to schools in our local community and has expanded dramatically with a presence in six countries. We operate 13 teaching laboratories in New York. Our methods are also used at licensed centers in Nigeria, China, Austria, Singapore and the U.S., and 10 other cities worldwide have educational programs modeled after the DNALC.

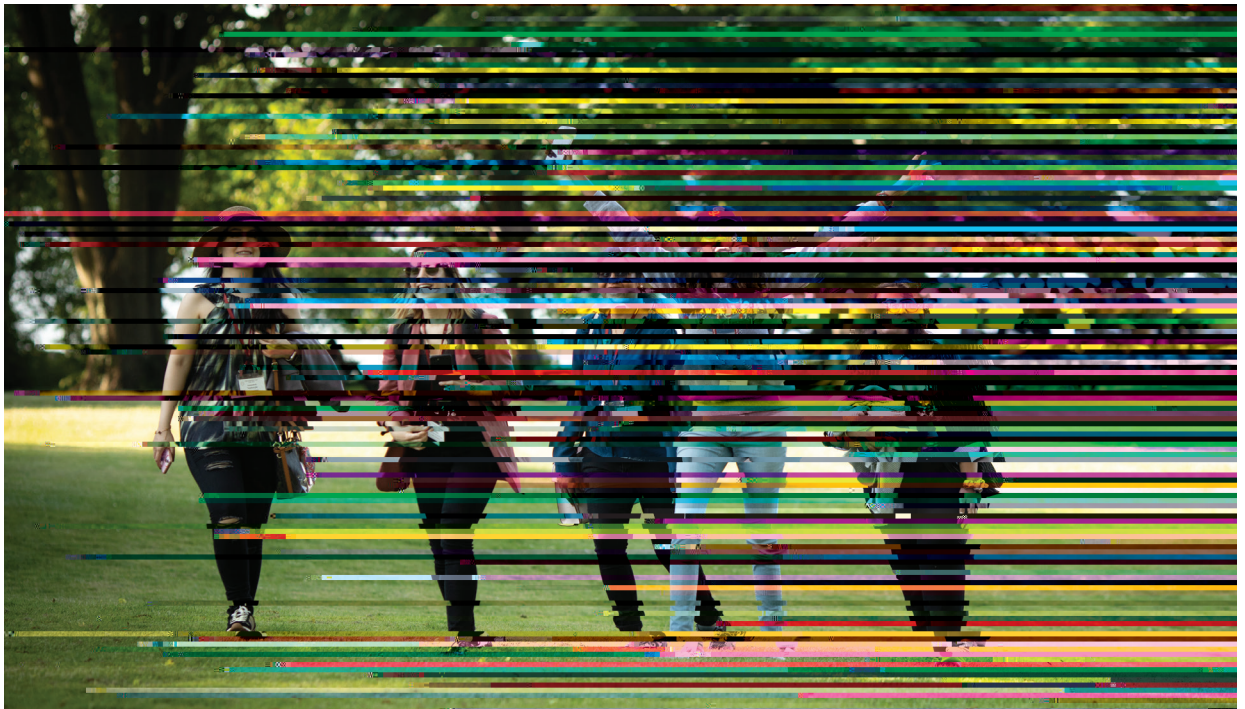
continues to grow. Summer camps at the DNALC in Suzhou also draw students from across China.

In addition, two new DNALC facilities will open in 2024: one at the Passaic County Technical Institute's Biotechnology Innovation Center in New Jersey, which will serve students of the institute's technical high school and community college, and one in Arecibo, Puerto Rico, as part of the new Arecibo Center for Culturally Relevant and Inclusive Science Education, Computational Skills, and Community Engagement.

The DNALC's programs are for everyone—not just students who have shown an interest in or aptitude for science. Indeed, participation sometimes sparks that interest, setting students on a path and career they never considered. To facilitate the careers of teenagers whose families are not experienced in science, the DNA Learning Center's STARS Program—started by DNALC



The National Science Foundation selected CSHL to establish a new STEM education and research facility, modeled after the DNA Learning Center, at the site of the Arecibo Observatory in Puerto Rico. Image: U.S. National Science Foundation



The 87th CSHL Symposium brought 262 participants to campus from around the world. Left to right: Anoosheh Tajsharghi, University at Buffalo; Loukia Yiangao, Leiden University Medical Center; Divya Sridharan, The Ohio State University Wexner Medical Center; Mitheera V, The University of Texas MD Anderson Cancer Center; and Nishita Gogia, University of Tennessee, Knoxville.

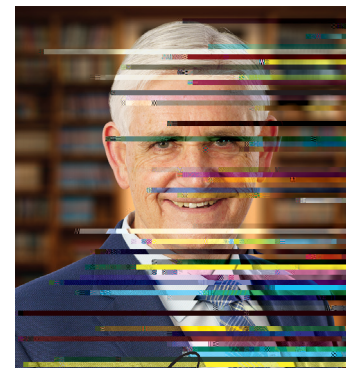
alum-turned-Assistant Director Jason Williams—mentors, to better understand ourselves, and to improve each other's lives—so it's no wonder those same goals inspire opportunities as well as guidance on college applications and scholarships. This highly successful program attracts students who otherwise might not have pursued careers in science or medicine. This is another way we can strengthen and support scientific literacy and grow a diverse, global scientific community.

Connecting Science and Society Worldwide

Indeed, everything we do here at CSHL is for the world we all share. Our programs improve people's lives in myriad ways, from expanding scientific literacy to enabling the development of lifesaving medications and finding new ways to confront climate change. Our bustling intellectual community here on Long Island is deeply integrated with the broader global community, and we take tremendous pride in the ways we support and connect science and society worldwide.

Our institution is a beacon for cutting-edge research and a hub for international collaboration. CSHL research and education programs demonstrate science's ability to break down barriers and drive progress. We represent humanity's greatest ambitions—to explore

the work we do here every day. Thank you, CSHL faculty members, postdoctoral fellows, graduate students, employees, trustees, and supporters for contributing to CSHL's vibrant intellectual community and daring to conduct breakthrough bioscience. Your tireless efforts put our institution at the forefront of bioscience research and education. It is my distinct pleasure to serve CSHL alongside you.



Bruce Stillman

Bruce Stillman, Ph.D.
President & CEO