



# ILLUMINA CARES 2018 HIGHLIGHTS





## ILLUMINA CARES

At Illumina, giving back is in our DNA. Through **Illumina Cares**, we share our time, talent, technology and treasure with the communities where we live and work. To ensure we can make a meaningful difference, we focus our efforts on genomic literacy through **STEM education**, rare and undiagnosed genetic diseases, **oncology**, and **community service**.

Through the passion and commitment of our employees, last year we were able to give back to communities around the world.

**WE DONATED OVER  
US \$880,000  
TO MORE THAN  
980 CAUSES  
AROUND THE WORLD.**



**OUR EMPLOYEES  
DONATED OVER  
US \$245,000  
TO CHARITIES  
THEY SUPPORT.**



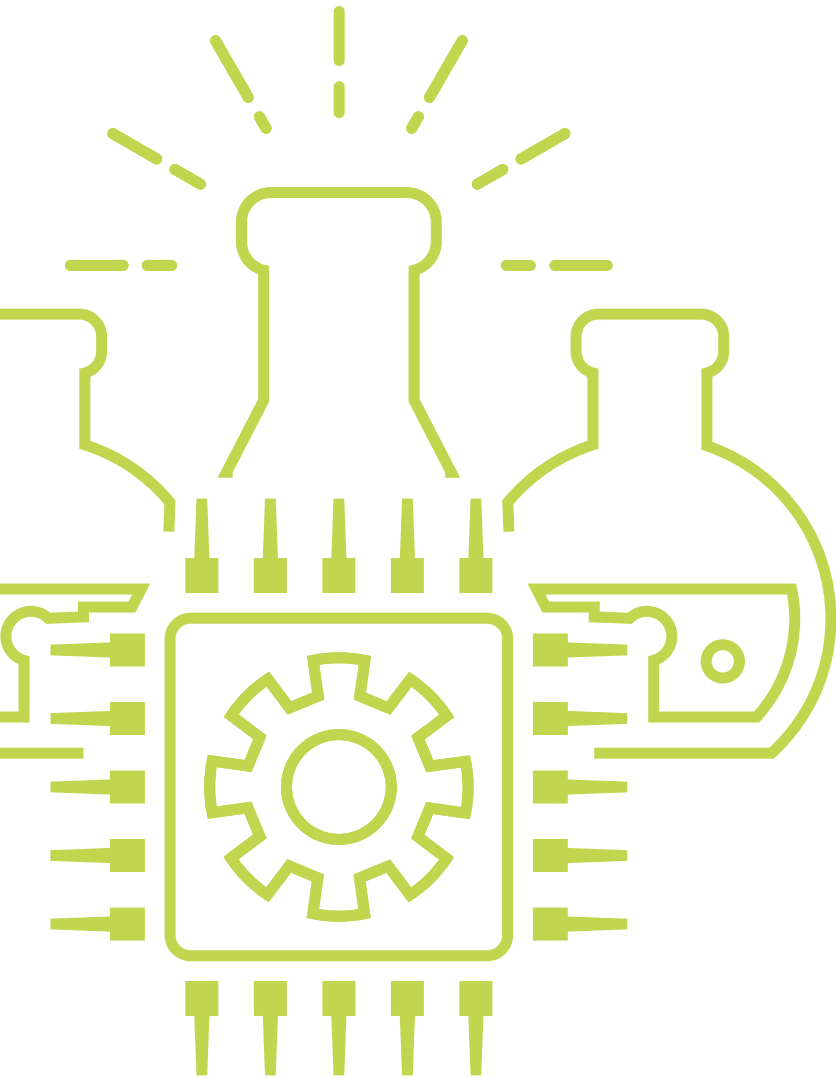
**1,248** EMPLOYEES  
VOLUNTEERED  
THEIR TIME TO CHARITIES  
ALL OVER THE WORLD.



**OUR EMPLOYEES  
HOSTED 120+  
GIVING BACK EVENTS IN  
10 COUNTRIES.**

The numbers provided above are from activity completed in 2018.

This report is a sampling of just a few of the incredible efforts our employees made in 2018.



# INSPIRING THE NEXT GENERATION OF SCIENTISTS, PIONEERS & TRAILBLAZERS

## Genomic Literacy through STEM Education

Genomics will change everything—from how we diagnose and treat cancer to how we feed the world's population—and we know igniting curiosity in students is a critical first step in achieving our mission. Through our programs, we have invited teachers and students all over the world to engage with genomics.



## Genomics 101: In the Classroom

Through our Genomics 101: In the Classroom program, we have empowered employees to bring a genomics lesson into local classrooms. Since its launch in January 2018, 66 employees from 7 countries visited hundreds of students around the globe. During their visits, employees facilitated a hands-on activity, talked about the diverse careers in genomics, and shared how genomics is part of our everyday lives.



## Genomics 101: Educator Workshop

Twenty-two high school science teachers visited our San Diego headquarters to participate in a pilot program to help them bring genomics to life in their classrooms. They learned about genomic applications, Illumina technology, and experiments that our customers might do in their labs. These teachers now have the opportunity to borrow an iSeq™ System to perform an experiment with students in their classrooms.



## San Diego Festival of Science & Engineering

2018 was the fifth consecutive year that the Illumina Foundation was the presenting sponsor at the San Diego Festival of Science & Engineering, which drew approximately 22,000 attendees in San Diego, California. With the leadership and support of 120+ Illumina volunteers, attendees were able to participate in hands-on activities to learn more about genomics. Visitors also received a genomics activity book—created by employees—that introduced them to a variety of scientific concepts.



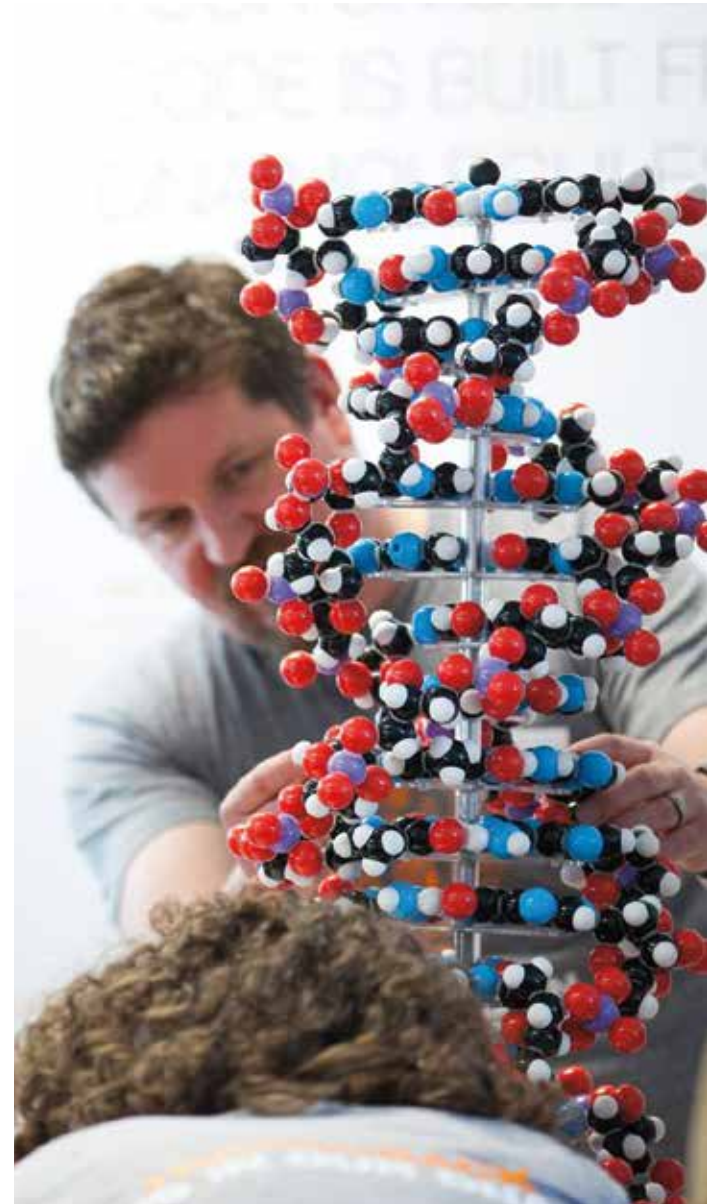
## On-Campus Tours for High School Students

In 2018, over 600 students from 21 schools visited Illumina headquarters in San Diego. During their half-day experience, they visited our labs, participated in interactive activities and learned about the many different careers in genomics through discussions with employees.



## Cambridge Science Festival

The Cambridge Science Festival in Cambridge, England, typically attracts more than 350,000 visitors to more than 250 events and is the UK's largest free festival. 2018 marked the third consecutive year the Illumina Foundation sponsored the festival. Our employees created a hands-on experience for attendees to learn more about genomics. We also hosted a talk with Illumina VP and Chief Scientist David Bentley and Professor Mark Caulfield, Chief Scientist from Genomics England, to discuss the Genomics England sequencing project.





# INSPIRING HOPE IN PATIENTS

## Rare and Undiagnosed Genetic Diseases

Through our programs and partnerships, we hope to increase awareness of and access to whole genome sequencing for families affected by rare or undiagnosed genetic diseases.



## iHope

Through whole genome sequencing, the iHope Network and its respective clinical partners strive to end long diagnostic odysseys. These odysseys can average from 7 years or more and include multiple inconclusive tests, surgeries, and procedures—many of which do not result in answers or treatment options for these children and their families.

In 2018, the global iHope network helped nearly 200 patients and their families, reported variants in more than 50% of cases received, and described three new genetic disorders. Moreover, the information provided through whole genome sequencing resulted in a change in care for almost half of the cases.





## Rare Disease Day 2018

To support Rare Disease Day 2018, nearly 400 employees shared photos wearing denim. For every photo shared with the tag #jeansforgenes, the Illumina Foundation donated US \$10. Illumina employees raised over US \$8,500 for 4 rare disease organizations around the world.

## Walking for Rare Disease

In November 2018, more than 160 employees walked 10,513,628 steps to support the Beijing Illness Challenge Foundation (ICF), the first public foundation in Beijing focused on rare diseases. The funds raised supported ICF's various service efforts and social advocacy for individuals with rare diseases in China.



# ENCOURAGING EMPLOYEES TO SUPPORT ONCOLOGY IN THEIR COMMUNITIES

## Oncology

By empowering our offices to partner with local cancer charities, we hope to inspire our employees to give back in meaningful ways.



## Festive Cheer with a Heart

In conjunction with the Singapore Cancer Society, 55 Singapore-based employees prepared and delivered 100 parcels of daily food essentials, known locally as “festive food packs,” to individuals affected by cancer. Through both preparation and delivery, employees had the opportunity to connect with their communities and reinforce that no one is alone in their fight against cancer.



## Pink Ribbon Festival Walk

Supporting the Japan Cancer Society, the Pink Ribbon Festival raises awareness of the importance of early detection and diagnosis of breast cancer. Illumina Japan participated in the Pink Ribbon Smile Walk — a 5K walk in the center of Tokyo — for the second year in a row.





## Pink Run Seoul

Pink Run Seoul is an annual runners' festival that raises awareness about breast cancer and the importance of regular examinations. Thirty-one Korea-based employees and their families participated in the walk with all funds supporting the Korea Breast Cancer Foundation.



## Padres Pedal the Cause

Every year, people from all over the US dedicate one weekend to covering anywhere from 12–162 miles on their bikes during Padres Pedal the Cause. Their goal is to raise money for cutting-edge cancer research. 2018 was the fourth consecutive year that Team Illumina rode in San Diego. It was also the first year Illumina rode in the St. Louis, Missouri event. Together, both teams raised more than US \$130,000.

## Superhero Capes for Children with Cancer

At the Illumina 2018 Global Sales Meeting, hundreds of employees from around the world decorated superhero capes for children going through cancer treatment. More than 250 colorful capes were donated to hospitals around the world, including Rady Children's Hospital in San Diego, California, Xinhua Hospital in Shanghai, China, Royal Children's Hospital in Melbourne, Australia, and Addenbrookes Hospital in Cambridge, England.







# EMPOWERING EMPLOYEES TO MAKE A DIFFERENCE

## Community Service

Our employees make a difference in their local communities around the world. Through various outreach programs, we strive to make giving back easier and more meaningful for everyone.



## Global Community Champions

In 2018, 30+ employees around the world volunteered to be our first Global Community Champions. These employees are now responsible for leading efforts to help their colleagues give back to the local community. Based in 24 sites and multiple districts around the globe, our champions led 25+ volunteer events, including beach cleanups, charity walks, donation drives and school visits.



## Beijing Stars and Rain Institute

In September 2018, Illumina employees volunteered at the Beijing Stars and Rain Institute in China, the nation's first nonprofit to serve children with autism spectrum disorder. With a vision to help people with autism reach their full potential, the institute works alongside these individuals to develop personalized education plans and ensure happy, healthy lives.

## Jessie's JoyJars

In June, 120+ employees in San Diego gathered to support the Jessie Rees Foundation, which delivers Jessie's JoyJars to children undergoing cancer treatment. Our employees stuffed 275 JoyJars with toys, games, and activities. The foundation then shipped these to children's hospitals, care centers, proton clinics, Ronald McDonald Houses, and oncology camps.



## Bedroom Decoration Boxes for Pediatric Patients in Greece

Over 100 employees from our Europe, Middle East, and Africa teams came together in June to support Floga, a Greek nonprofit that operates a guest house adjacent to a pediatric hospital in Athens. The guest house provides free accommodations to families with children undergoing lengthy treatments. Our employees filled boxes full of room décor so each child recipient can personalize their room upon arrival, making it feel a little more like home.







**TO OUR ILLUMINA FAMILY AROUND THE WORLD,  
THANK YOU FOR MAKING A DIFFERENCE EVERY DAY!  
#GIVINGBACKISINOURDNA**



**ILLUMINA CARES**