

2021-2022



Celebrating 60 years of
igniting curiosity.

200 Second Avenue N
Seattle, Washington | 98109-4895

A photograph of a young girl with dark, curly hair playing with colorful building blocks on a table. An adult male wearing a blue baseball cap and a white shirt with a "Columbia" logo is looking down at the blocks. The background is a bright, indoor setting, possibly a classroom or a play area.

**OUR 60-YEAR
LEGACY OF
IGNITING
CURIOSITY**

PACSCI ANNUAL REPORT TO THE COMMUNITY

THANK YOU TO OUR SUPPORTERS

Dear friends,

This summer, the Pacific Science Center campus reverberated once again with the sounds of summer campers, multi-generational families and people of all ages and backgrounds discovering a new experience or delighting in a renewed exhibit. It was an inspiring soundtrack after the involuntary quiet of the last two years.

Your collective generosity made it possible for PacSci to innovate amidst the pandemic—increasing access to science statewide and delivering meaningful and impactful informal science education to youth, our members, guests and community.

We challenged ourselves to provide programs—and impact—in new, more accessible ways, employing technology to bring experiential science education directly to communities across the state.

We strengthened our commitment to statewide access to STEM programs for students in under-resourced schools and young people underrepresented in STEM fields. With your help, we increased the number of summer camp scholarships we could extend to kids who may not otherwise be able to attend PacSci camps.

Now, as we welcome visitors back to campus and look forward to our 60th anniversary celebration in October, we invite you to take a closer look at the positive impact of our programs and outreach over the last fiscal year.

PacSci has continued to evolve since its founding at the 1962 World's Fair, and we have much to look forward to as we continue to boldly step into the future. Your gifts power PacSci to be our community's laboratory – a place that inspires experimentation, discovery, and critical thinking in us all. I hope you will join us as we continue to grow and expand to serve our community. Thank you!



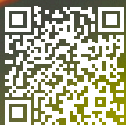
Will Daugherty
President & CEO

Will Daugherty



Jason Barnwell
Chair, Board of Directors

Jason Barnwell



Please view our list of donors, foundations, and corporate partners who supported PacSci in 2021-2022 at pacsci.org/fy22-donors. Individuals who give \$500+ annually are recognized in our **PacSci Igniter** family.



Pacific Science Center has significantly transformed in the last 60 years.

We have evolved, as science does, from an exhibition space with hands-on experiences to a community resource for students, families and schools on our campus and across the state—and we wouldn't be here without you.

PacSci is where some of today's innovators learned about electrical circuits for the first time, and where girls and young women from under-resourced communities have sparked excitement for pursuing a career in STEM. Our commitment to serving our community, particularly Title I schools across the state, has been a key force driving our evolution throughout the years. PacSci, and the world, has changed a lot in the last 60 years, and we plan to be here to inspire and support future generations of scientists and citizens who will shape the next 60 years and beyond.



WELCOMING GUESTS ON CAMPUS, AGAIN

We were thrilled to welcome the public back to Pacific Science Center this July for the first time since March 2020.

We began building momentum on campus throughout the first half of 2022 with our world premiere *Hockey: Faster than Ever* traveling exhibit, and the much-anticipated relaunch of Laser Dome and Boeing IMAX theater this spring. Between April 20 and June 30, 17,280 guests visited PacSci for a movie or laser show. And as of July 1, 68,697 guests came back to campus to enjoy our hands-on exhibits and interactive experiences. Watching children light up as they follow a butterfly, seeing families connect as they experiment in Tinker Tank, shocking everyone during our Combustion Live Science Show—these are the sights and sounds we’ve missed over the last two years. We look forward to seeing your family back on campus soon!

**OUR
IMPACT**



68,697

guests visited PacSci since we re-opened on July 1

VOICES FROM OUR COMMUNITY



The best part of PacSci re-opening was seeing our community eager and excited to experience PacSci. I am especially fond of members who visited us regularly this summer, leaving with a new experience each time. For example, one family was delighted with the laser-cutting activity in our Tinker Tank. I had a lengthy conversation with them about topics ranging from the functionality of laser cutters to the state of technology today. Their PacSci experience not only ignited curiosity for family members of all ages but also facilitated the whole family’s involvement in experimentation.



**— AMANUEL BERGA, PACSCI TINKER TANK STAFF
MEMBER AND DISCOVERYCORPS PROGRAM ALUMNUS**



CURIOSITY 24/7/365

PacSci's mission of igniting curiosity served as its north star during the pandemic; we took steps to scale our impact well beyond the experiences we provide guests at our Seattle campus to meet the needs of students and educators learning at home.

When we closed our doors, we kept curiosity open with new models to reach our community, including the rapid mobilization of Curiosity at Home, our collection of free and fun digital learning resources that excite people about science, wherever they are. In 2021-2022, more than 496,000 people from around the world viewed our more than 535 activity guides, interactive tutorial videos, do-at-home experiments, interviews and more. Can you believe PacSci's most-used online resource is "How to Make Fake Vomit"?! Our most downloaded activity guide is "Crater Creators" about the impact asteroids and meteorites have on our moon and other planetary bodies.

These accessible and interactive resources inspire curiosity in learners of all ages. They can excite a three-year-old to explore ecology (Animal Signs Scavenger Hunt), help girls and women of color envision a future in a STEM profession (Career Corner video with Jaelyn Poon, Production Test Pilot at Boeing), or create new pathways for learning for those who speak languages other than English (29 Spanish-translated Curiosidad en Casa activities like Midieno las Estrellas). And Curiosity at Home continues to evolve, just like science itself, as we add resources on emerging topics like youth COVID vaccine trials.

OUR IMPACT



496K+

virtual visits to our digital collection of Curiosity at Home activities in 2021

VOICES FROM OUR COMMUNITY



Bristol Myers Squibb teamed up with PacSci to provide effective science communication techniques to our scientists, who then created 50 Curiosity at Home videos to break down complex bioscience concepts for middle school students. We turned this into an opportunity to give our staff career growth opportunities as well as give back to our STEM community. It was so moving to see the level of interest on our team to participate; that says to me that they really care about the next generation of scientists.



— ALISON FITCH, SENIOR MANAGER FOR BRISTOL MYERS SQUIBB'S IMMUNO-ONCOLOGY & CELL THERAPY THEMATIC RESEARCH CENTER AND STEM COUNCIL LEAD FOR WASHINGTON STATE

VIRTUAL SCIENCE EDUCATION FOR ALL, WASHINGTON-WIDE

Washington leads the nation in STEM industries, with ever-growing demand for skilled professionals.

Yet, state officials report only 42% of all Washington students met science standards in 2022. Borne out of our commitment to build a pipeline of future leaders and critical thinkers, we partnered with educators across the state during COVID to bring PacSci into classrooms through Virtual Field Trips and interactive online programs like Radical Reactors and Ecosystem Explorers. We are poised to expand this work in the future.

Equity is at the forefront of our mission, so we ensure all youth, especially those historically underrepresented in STEM careers, have access to curiosity-igniting opportunities. We made Virtual Field Trips free for low-income schools, helping build sustained enthusiasm for STEM learning and science processes in every corner of the state. This past year, 58% of our 28,000-plus Virtual Field Trip attendees were students from Title I schools and 15,600 students live outside King County. Thanks to our donors and sponsors, students across Washington get to experience the life-changing impacts of science education!



OUR
IMPACT

28,000

students reached via Virtual Field Trips in 2021, including



58%

from Title I schools across Washington

VOICES FROM OUR COMMUNITY



My school is a Title I school. A lot of families are working full time and not in STEM jobs—a lot of farm workers and factory workers. Many families don't have time to do science projects at home. The Virtual Field Trips were a great way for kids to experience it through their classroom. It also let them see a different side of jobs [in STEM careers] that they wouldn't normally see. Many of my students have not left their own community in the Tri-Cities. This is a great way for kids to see beyond their community.



— **ADRIANA CHÁVEZ, KENNEWICK SCHOOL DISTRICT**
*(Hawthorne Elementary School summer principal,
STEM curriculum specialist at Fuerza Elementary)*

CAMPS FOR CURIOUS MINDS



Did you know that only 5% of lifetime learning happens inside the classroom?

Childhood is a prime time for sparking interest in science and igniting curiosity about how the world works. We were thrilled to sustain Camps for Curious Minds with 286 sessions for 3,695 campers in summer 2022, both at PacSci's campus and locations across King County. During engaging sessions like Discovering Robotics, campers explore their passion for science, build hard skills like coding and 3D modeling, and practice social skills like collaborating with teammates and problem-solving as a group.

Donor support made it possible for us to award 315 scholarships to campers so our next generation of engineers, epidemiologists and curious citizens can build interest and excitement for science regardless of their family's ability to pay. Our community believes so deeply in the importance of these scholarships that we're on track to increase our awards next summer.

OUR IMPACT



3,695

campers attended

286

camp sessions in 2022, where we awarded

315

scholarships to curious minds, **68%** of whom identify as BIPOC

VOICES FROM OUR COMMUNITY



Our Pacific Science Center camp scholarships have given our young children an enormous opportunity to focus on science with other children, and inspire the love of curiosity. We couldn't afford other intellectual support for them this year and these scholarships will really help even the playing field for our kids. We are over the moon on this profound gift.



— DIANE L., PARENT OF CAMP SCHOLARSHIP RECIPIENT



BEYOND RE-OPENING: WHAT'S NEXT?

PACSCI HAS BEEN PLANTING SEEDS TO GROW OUR VISION FOR THE FUTURE.

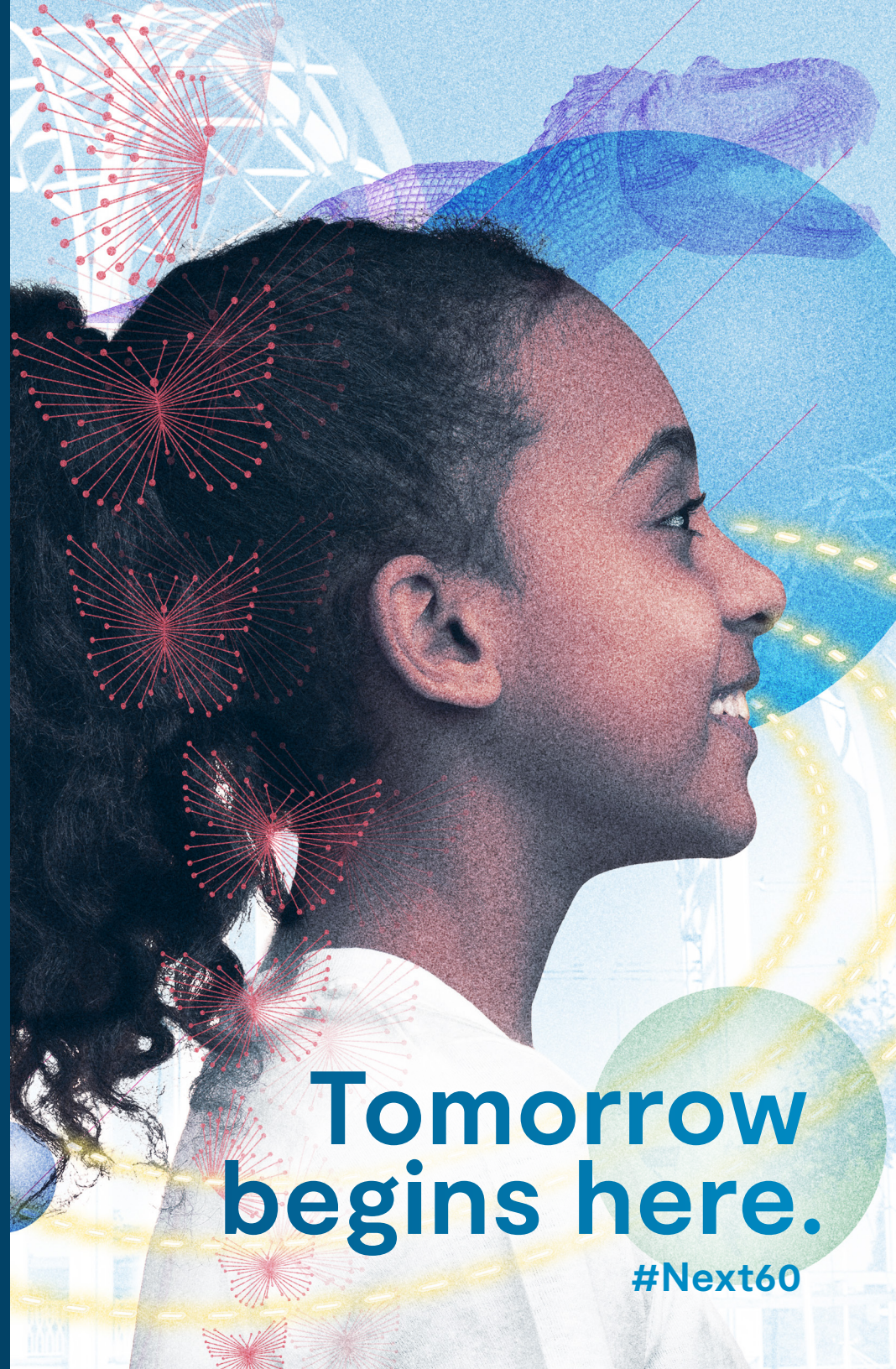
We innovated during the pandemic to expand our digital programming and increase our reach across the state. We imagine a future in which PacSci serves every grade in every preK-8 Title I school in the State of Washington with a combination of in-person Science on Wheels at the schools, virtual and digital programming, and in-person field trips to PacSci—all at no cost to the schools, educators, or families.

We strive to be a resource for our region, one that helps inspire and educate today's citizens and tomorrow's innovators. We will tap into our local innovation economy to bring cutting-edge technology directly to our community. And at a time when climate action is critical, we will take meaningful steps to reduce our carbon footprint, advance sustainability and spur action in others.

We are well on our way toward achieving this vision through 60,000 square feet of highly-engaging indoor and outdoor experiences, exhibits, and programming, our growing portfolio of digital programs, expanding scholarships for our summer camps, and our focus on serving high-poverty schools across the state.

The future of PacSci will help build a broad community that values science and uses STEM and critical thinking skills to tackle the greatest challenges facing our society and the world. We are always striving to deepen the impact of our work and to create greater access for curious minds. This impact depends on our ability to expand and evolve.

Thank you for supporting PacSci, and for contributing to a future where everyone is empowered to explore their curiosity.



Tomorrow begins here.

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