



Tulalip Charitable Contributions Funds Distribution Report

NAME OF AGENCY: Pacific Science Center Foundation

DATE OF AWARD: 2017 Q4

ADDRESS: 200 Second Ave. North, Seattle, WA 98109

CONTACT: (206) 443-2001, <http://www.pacificsciencecenter.org>

GENERAL GOALS: Our mission is to ignite curiosity in every child and fuel a passion for discovery, critical thinking, and experimentation in all of us.

SPECIFIC USE FOR THIS AWARD:

This award went towards support of the administration and programs. For more information please read the attached report from The Pacific Science Center Foundation.

August 30, 2018



Marilyn Sheldon
Tulalip Tribes Charitable Fund
8802 27th Avenue NE
Tulalip, WA 98271-9694

200 Second Avenue N
Seattle, Washington
98109-4895

(206) 443-2001
pacificsciencecenter.org

Pacific Science Center
ignites curiosity in
every child and fuels
a passion for discovery,
experimentation,
and critical thinking
in all of us.

Dear Ms. Sheldon,

Pacific Science Center is grateful for our longtime partnership with Tulalip Tribes Charitable Fund. Your [REDACTED] grant last year to support our general operations helped engage 984,234 people through a variety of programs and activities, both at our historic Seattle campus and out in the community. I am pleased to provide you with this report for our 2017-2018 fiscal year highlighting some of the accomplishments you helped us achieve.

The Science Center as an institution is exploring new ideas and tackling challenges. Our mission is focused on igniting curiosity in every child, and to that end we believe that every child should have access to discovery, experimentation and critical thinking. We believe there is no better place for that to happen than at Pacific Science Center. Over the years, we've learned that it's the people who bring our exhibits and activities to life; our science interpreters are the faces of the Science Center, enhancing each guest's experience by facilitating scientific exploration and ensuring that each guest has a positive learning experience. Enriching interactions with Science Center staff members and volunteers are what bring our guests back to explore and learn time after time.

From school group field trip visits at the Science Center to Science On Wheels programs that bring the Science Center experience out into the community, Pacific Science Center is providing students with the activities that encourage youth to tackle challenges and explore new ideas. As the school year came to a close we are pleased to report and celebrate an important milestone with you. In 2017/18 we

introduced a new fee structure for Science on Wheels, to make it more accessible to Title I schools. Schools with the highest population of students who qualify for free and reduced meals pay the lowest fees or no fee at all for Science on Wheels visits. We target Title I schools in our registration outreach efforts, to let them know about the new fee structure. We are dedicated to providing access to science learning opportunities to all youth – especially through our outreach programs. This year, for the first time ever, Science on Wheels served more than 50,000 students in Title I schools. These schools, those with high percentages of children from low-income families, were able to access engaging and interactive science learning.

Our Camps for Curious Minds program broke records again last year, providing day camps during school breaks and the summer season. Our youth development programs for teens (Discovery Corps and the Lake Washington Watershed Internship Program) were both filled to capacity last year. In both programs, students expanded their science knowledge-base, learned to teach others, and met role models working in science fields. Over 90 camps, spread throughout 8 locations, and 92 scholarships were available during summer 2018 - a 15% increase from the previous year. New for 2018: Sensory Friendly Programming. These camps are adapted for children with Sensory Processing Disorders and/or on the Autism Spectrum.

Pacific Science Center's programming at Mercer Slough Environmental Education Center engages our local community in environmental preservation and restoration by providing active learning opportunities that immerse students, educators and families in environmental science exploration and activities that build positive associations that can last a lifetime. The combination of Pacific Science Center's years of experience creating inspiring encounters with science and the natural resources available at the City of Bellevue's Mercer Slough Nature Park makes this environmental center a unique regional resource, encouraging children, educators and families to immerse themselves in the science of the natural world. 9,000 students participated in environmental science education programs at Mercer Slough Environmental Education Center in Bellevue, 950 youth participated in Camps for Curious Minds at Mercer Slough, and 50 teens participated in

Environmental Science Pathways program, Environmental Science & Technology Practicums, and the Lake Washington Watershed Internship Program.

The Curiosity Days series is the bridge from the general public to local organizations that use science and technology in their programs, services, or products each day. Each of these weekend-long events has a specific theme and provides a space for communities to gather and lead conversations around these themes. Our external partners, also known as Visiting Educators, include local innovators, for-profit companies, nonprofits, research labs, and field experts. We approach this series with a science and technology lens but the core of our mission is to ignite curiosity. Therefore, in order to participate, they must be connected to the theme but do not necessarily need to be the “typical hard science” organizations we may think of. With these weekends we hope to share memorable experiences that inspire our guests to continue to learn something new, discover what is going on in their community, and see that science is everywhere. Our Visiting Educators are the Science Educators on the floor and experts on that weekend’s theme. Guest attendance during these weekends expand upwards of 6,000 – 10,000 guests. Visitors attend these weekends to learn something new, connect with their local communities, and see that science is everywhere.

Access to Science Pipeline, an organization-wide initiative whose aim is to remove barriers that prevent access to science learning and to make Pacific Science Center’s programs and exhibits available to everyone in our community. With a rich portfolio of high-quality science learning experiences, Access to Science Pipeline offers students and their families multiple entry points to science, with intentional, age- and interest-level appropriate offerings. Our priority, with Access to Science Pipeline, is to offer sustained science learning, over a lifetime, starting with robust access for youth and families.

The Access to Science Pipeline is part of an organization-wide commitment to increase service to our region. We evaluate new and existing programs through an access lens and we are constantly updating, shifting and accommodating programs to remove barriers. As part of the larger Expanding Access initiative, specially-priced Family Access Membership program for low-income families for whom cost is

a barrier. Family Access is more than just admission to the Science Center for a day – it provides all the benefits of a Family Membership including exhibit admission, discounts and early summer camp enrollment. More than 3,679 children have become members since the program launched in spring 2016 (as of July 1, 2018). Our Expanding Access initiative incorporates a variety of Pacific Science Center programs that offer accessibility and inclusion under one umbrella, allowing us to take a comprehensive look at ways we can make it possible for all children to explore with us.

We have been incredibly grateful to Tulalip Tribes Charitable Fund for your support of our work. In the coming year, we will continue to work to ensure that every one of our guests has an exceptional learning experience and “wow” moment, whether they visit us onsite or participate in one of our outreach programs. If you have any questions or comments regarding this report or our work in the community, please contact me at (206) 443-2907 or tsnook@pacsci.org

Sincerely,

A handwritten signature in blue ink that reads "Tyler Snook". The signature is written in a cursive, flowing style.

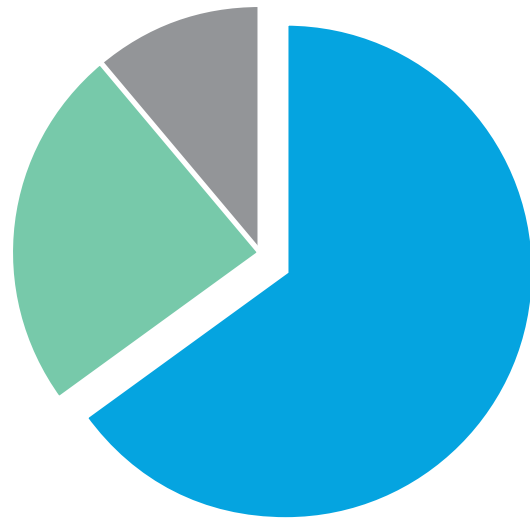
Tyler Snook

Corporate Relations Officer

Report Code: Q4 2017 14.2

YOUR PARTNERSHIP

As a nonprofit organization Pacific Science Center relies on generous contributions from the community to fuel our mission. Your support sustains our many interactive exhibits and educational programs each year. The Science Center is fortunate to have strong revenue generating avenues with our exhibit admissions, IMAX and Laser shows, and fees for Science On Wheels and Summer Camps. Yet admission and program fees do not cover the entire cost of fulfilling our mission. With philanthropy and membership representing **35% of our annual budget**, we simply could not succeed without your generosity.



- Ticket Sales, Program Fees, Concessions
- Contributions & Grants
- Membership

Pacific Science Center donors make hands-on science experiences accessible for nearly one million people each year.

With your generosity and partnership, we will continue inspiring the next generation of science enthusiasts. To learn more about the ways your support can make an impact at Pacific Science Center please contact our Development team.

April M. Collier

Senior Vice President of Development
(206) 443-3624
ACollier@pacsci.org

Rob Wiseman

Director of Individual Giving
(206) 443-4624
RWiseman@pacsci.org

General Inquiries

(206) 443-2878
development@pacsci.org
pacsci.org/support



IGNITE THEIR CURIOSITY

Since our opening in 1962, Pacific Science Center has welcomed millions of visitors and participants in a wide range of educational programs. We have grown to play an essential role in the community — inspiring youth, training educators, and building public awareness about the vital role science plays in identifying and solving the crucial problems facing our global society. As Seattle takes the stage as a global leader for innovation, we are proud to continue fueling a passion for discovery, experimentation, and critical thinking.

A leader in science education and lifelong learning, we want to ensure Pacific Science Center continues to bring relevant and interesting programming to the community. Today we are working to increase access, expand partnerships, and enhance our guest experience in order to better serve our growing and diverse region. But we cannot do it alone. Your support is essential to expanding our impact as we take bold new steps together in 2018 and beyond.

Our Mission

Pacific Science Center ignites curiosity in every child and fuels a passion for discovery, experimentation, and critical thinking in all of us.

Born from great visionaries and architectural masters, Pacific Science Center began as the United States Science Pavilion during the 1962 Seattle World's Fair. Nearly ten million people came to explore the wonders of science during the World's Fair. Upon closing ceremonies, the Science Pavilion was given new life as the private not-for-profit Pacific Science Center, becoming the first U.S. museum founded as a science and technology center.

Since the beginning, Pacific Science Center has been a revolutionary institution at heart. Its aspirations—and embrace—were as expansive as the buildings it claimed. As Seattle grew into an innovative, global city the Science Center became one of the nation's great science centers, producing countless moments of inspiration and wonder for millions.

Today the Science Center is driven, inventive, and intellectually electric.

Although we remain deeply connected to our roots at the heart of downtown, our reach and impact now extend across the state of Washington and beyond. Our exhibits, educational programs, and philanthropic partners uniquely position Pacific Science Center to connect everyone in our community to hands-on science experiences.



1962

United States Science Pavilion during the 1962 Seattle World's Fair.

The Pacific Science Center was founded as the first U.S. science and technology museum.

1973

Science on Wheels program launches, taking hands-on science experiences to schools across the Pacific Northwest.

1998

Boeing IMAX® Theater and Ackerley Family Exhibit Gallery open including the Tropical Butterfly House.

2003

Mercer Slough Environmental Education Center opens in partnership with the City of Bellevue.

2005

Discovery Corps youth development program launches, providing job and life skills to youth 14 and older.

2007

Portal to the Public Network launches to connect the public with local scientists.

2010

Pacific Science Center declared a City of Seattle Landmark.

2012

Received the National Medal for Museum and Library Science.

Pacific Science Center celebrated making science fun for 50 years.

2016

Family and Youth Access Memberships launched, making PSC more accessible than ever before.

INCREASING ACCESS TO SCIENCE

Access has always been at the heart of our mission beginning with the launch of our Science on Wheels program 44 years ago. This first initiative to reach traditionally underserved schools is now a flagship program with a menu of offerings that seek to ensure access for people from all backgrounds. Thanks to support like yours, over the past year we have made strategic investments to expand our Access to Science pipeline.

ENABLING ACCESS FOR ALL

Studies show that getting children engaged in interactive STEM learning from an early age leads to a deeper understanding of science concepts. We believe that all children, regardless of background or circumstance, should have access to interactive science learning. In 2016 we launched the Access Membership program which serves families receiving public assistance, youth experiencing homelessness, and youth in foster care. More than 12,000 individuals receiving public assistance and 800 foster families are now able to access all the Science Center has to offer at little or no cost to them.

SUPPORTING EDUCATORS AND EDUCATION

Science On Wheels brings active STEM learning to classrooms, community centers, and special events through hands-on, inquiry-based activities and lessons. The program has a long history of reaching students in schools where resources and/or location prevent equitable access to science education. Many of the visits are to communities with high minority and low-income populations traditionally underrepresented in science fields. In the year ahead we are expanding our commitment to serving the highest need schools, those with a Title I designation, with low or no cost programming.



DISCOVERY CORPS

An innovative youth development program, Discovery Corps works with teens to inspire a lifelong interest in science, technology, engineering, math, and education. The program empowers youth to progress up a career ladder while fostering growth in a supportive environment. Since the program's inception in 2005, more 400 youth have participated of whom 100% have graduated from high school. There are currently 68 active members; 63% are girls, 44% are participating in free or reduced lunch programs, and 78% are people of color.

CREATING A COMMUNITY LABORATORY

We are committed to expanding access to ideas in science and technology. Over the last year we have harnessed our role as a community living room and laboratory to serve as a gathering place for people of all ages to discuss, debate, and collaborate. New initiatives include bi-monthly *Curiosity Days* where local professionals in the science and technology communities come to the Science Center for themed weekends to provide hands-on activities and presentations. Also new is our Science in the City lecture series which provides discussion on current science topics and research from leading, local organizations. By diving into topics that affect our community, the Science Center is serving as community resource in an exciting new way. (cut last sentence if needed for space)

Pacific Science Center is proud to serve many individuals and communities whose access to science is limited. But we know there is much more work to do. With your continued investment, we will increase service to our community in the year ahead with a specific focus on traditionally underrepresented populations.



CREATING A COMMUNITY LABORATORY

Dr. Kristin Laidre engages in mysterious, exotic research at the far reaches of the globe. As a researcher at the Applied Physics Laboratory's Polar Science Center and an assistant professor in the School of Aquatic and Fishery Sciences at the University of Washington, Kristin spends her days studying large marine mammals in the Arctic.

"Pacific Science Center gives scientists a direct connection to the community."

Her work aims to understand how they survive in such extreme environments and how climate change affects them and, ultimately, all of us. "Many scientists want the public to understand the work they're doing, but there are few opportunities for us to share," she says. "Pacific Science Center gives scientists a direct connection to the community."

Kristin has been involved with Pacific Science Center through our Science Communication Fellowship Program, which provides scientists with the skills to help articulate and explain complex scientific issues when communicating with the general public. During monthly Scientist Spotlight events and at large-

scale research weekends, each participating scientist develops an activity linked to their research that engages the public. As part of Pacific Science Center's annual Polar Science Weekend, Kristin developed an activity about narwhals—the intriguing, deep-diving marine mammals that are particularly vulnerable to climate change. Her work demonstrates how these creatures survive in a hostile marine ecosystem, where short food chains shape the behavior of top predators.

"I believe in scientists getting out and talking to the community," Kristin says. "It's our role to share what we're doing, learning and publishing. Pacific Science Center helps us share that knowledge in a broader context, one that's accessible to the general public."

"Pacific Science Center has helped me think more critically about what we, as scientists, think is relevant." She adds that scientists have an obligation to make the general public more aware and help them to understand their work. In doing so, scientists discover new ways to share their knowledge and research, encouraging people to dig deeper into important scientific issues. "Pacific Science Center gives me an outlet. It brings me out into the community... to communicate with the general public, which is not always easy for scientists."

SHOWCASING LOCAL RESEARCH

Pacific Science Center illuminates the importance and relevance of science by making it accessible to people in their everyday lives and in the shared experiences of the community.

Launched in 2011 and changing every six months, the Portal to Current Research (P2CR) serves as a way to integrate current science into the museum as a whole. Designed to be change-ready, the gallery is designed to support rapidly changing content. P2CR features two exhibitions a year, created by in-house exhibit development in collaboration with area scientists. Each exhibition focuses on a different topic, such as memory, climate change, or space weather. These broad themes are then refined based on the research happening at a local level.

In a little over six years, the exhibits team has installed thirteen exhibitions addressing a variety of topics—Extreme Environments, Chemists: Catalysts for Change, Investigating Arctic Ice Melt, Exploring Space with Local NASA Scientists, Memory: Past meets Present. Content for each of these exhibitions is developed by collaborating with active researchers from the Seattle-area science community and educational insti-

BY THE NUMBERS

Our Science Communication Fellowship Program and workshops trained 115 scientists in FY16 and 140 in FY17 to share their work with the community. They joined hundreds of scientists in our volunteer corps, presenting at

Research Weekends/*Curiosity Days*

FY16: 3 large-scale weekends with 36,120 guests

FY17: 10 weekends
with 85,000 guests



Science Cafés/*Science in the City Lectures*

FY16: 11 events with 1,545 guests

FY17: 27 events with
1,702 guests

tutions, such as the University of Washington and the University of Puget Sound among others. These professionals form an advisory committee that helps guide the exhibition team—directing them to exciting local research and helping to craft the story. Often they lend laboratory tools and videos and/or help brainstorm interactives that showcase their work. When the exhibition is deinstalled, some scientists borrow exhibit components for display in their own labs or research institutions.

SETTING THE STANDARD

In addition to our regional efforts, Pacific Science Center leads the growing, nationwide Portal to the Public Network, which consists of 44 museums, universities, zoos, and other organizations that have adopted our tested strategy for scientist-and public engagement.

For more information please contact:

April Collier

Senior Vice President of Development

(206) 443-3624

ACollier@pacsci.org



Meet A Scientist Events

FY16: 12 events with 11,595 guests

FY17: 38 events with
105,055 guests





INSPIRING FUTURE INNOVATORS

Tyler Rivera was a shy 17-year old from South Seattle when he joined Pacific Science Center's Discovery Corps, a science career ladder program that teaches life skills as well as encourages youth to help carry out our mission to ignite curiosity. Tyler knew he wanted to do something with science, but he had no idea what direction to take. Now, a year and a half later, he has graduated high school and is heading to Western Washington University to study physics. "Pacific Science Center gave me a great experience that helped push me towards a decision," he says. "Being able to talk to people about something I really enjoy—the science of physics—made me know that I wanted to teach science."

"This program opened me up to new opportunities and made me feel confident with myself."

Tyler's story is just one of many that illustrate how Pacific Science Center is making an impact on young people's lives, helping to shape their understanding of, and interest in, science and math, and making them aware of careers and associated educational pathways in a wide range of scientific disciplines.

Tyler notes that his experience with Pacific Science Center has provided him with another point of entry for learning and discovery. "I'm particularly interested in physics," he says, "but when I worked on a program Discovery Corps offers in conjunction with Science On Wheels, I had to learn about electrical engineering for the "Charged Up" series," an experience he might not have otherwise had. The Discovery Corps program provides young people with important life skills—presentation techniques and communication skills, to name two—that set them up for success in school, work, and life. "I had confidence problems before coming to Pacific Science Center," Tyler says. "I didn't even want to answer the door when someone knocked. This program opened me up to new opportunities and made me feel confident with myself. It opened my eyes to my own communication skills and made me want to bring science and people together. I feel really fortunate to be part of this program. I feel like I've changed a lot of people's lives. I have the Science Center to thank for that."

Tyler is a member of the first generation in his family to pursue higher education. As he enters his freshman year of college, he has already set his sights on his career. "I had my mind set on teaching high school physics at my old high school. And that's still an option on the table, but right now I'm thinking about somehow staying with Pacific Science Center. I want to come back and give back more than they have given to me."



“Every day, kids enter the science center and, like I was, are wowed and amazed by the beauty of science. Those kids are the future engineers, biologists, and engineers of our world; they will discover the cure to cancer, create spaceships to blast us through our galaxy, and program the first artificially intelligent programs. Discovery Corps is the next step of their journey, a way for these kids to further improve their public speaking abilities, develop professional skills, and foster their love for science. Your support makes it possible for these teens to build upon their love for science, which is something that is completely irreplaceable.”

- Chris Chen, 2017 Discovery Corp Graduate

Empowering and employing the next generations of science enthusiasts.

Discovery Corps is the Pacific Science Center’s intensive youth development program that builds science literacy and leadership skills of high school students, and exposes them to the professional world of Science, Technology, Engineering, and Math (STEM).

The program consists of students who show an interest in the sciences, are highly motivated, and traditionally underrepresented in STEM career fields. They undergo extensive training throughout their high school years and learn valuable job skills in customer service, education, and communication with people of all ages.

Discovery Corps is not just about science it’s about providing work-based learning opportunities that build confidence, empower youth with employable skills, teach teens about self-advocacy, and emphasize the importance of service to the community.

For more information please contact:

April Collier
Senior Vice President of Development
(206) 443-3624
ACollier@pacsci.org

HOW IT ALL WORKS:

1. **Identification:** Work with schools and counselors to identify and enroll motivated youth who may lack opportunities.
2. **Training:** Corps members spend up to four years learning the principals of science and become increasingly more literate in science. They will complete 100 hours of service learning and training.
3. **Assessment:** Corps member are assessed on skills and performance. If expectations have been met, he/she may be promoted into a paid position at the Science Center.
4. **Employment:** Corps member’s responsibilities will increase with available training to assist with the continued development of skills. Paid youth can continue to work towards further promotions within the structure of the program.
5. **Graduation:** Members graduate from the program ready for post-secondary education or to contribute to our economy and community.

DISCOVERY CORPS 2017 RESULTS

- Discovery Corps has a 98% retention rate showing that youth are engaged and find the program valuable and Discovery corps members have an 85% program graduation rate.
- The cohort included 21 students of color, 17 women, 10 students who speak a language other than English at home, and 8 first-generation college students.
- The Discovery Corps cohort had members that went off to Harvey Mudd College, Tacoma Community College, University of Washington, Georgia Tech, St. Johns University, Pitzer College, Harvard University and other outstanding colleges.



ENABLING ACCESS FOR ALL

Nyirah Nunn remembers her sense of wonder, at age 5, when she first visited Pacific Science Center on a field trip with Seattle's African American Academy. Now a college student, she still loves science and is studying pre-nursing while working and raising 4-year-old Layla, also a science enthusiast. Nunn was happy to become a member of Pacific Science Center through our new, affordable Family Access program because it means she and her family can visit as often as they want.

"When I walk into Pacific Science Center, I feel happy, like there's going to be an adventure. What are we going to learn today? What are we going to see? A laser show, snakes, bees. You're going to see a cool exhibit and it's going to open your mind. I'm fascinated with how things work. That's part of the reason I go; I'm a kid too! I show them everything: The germ wall where the guy sneezes and the stuff comes out. The chemistry exhibit where you put on a glove to mix different chemicals. One time, student scientists from UW set up (toy) cars and magnets, and you had to place the magnets in different ways so the cars would follow. There was a robot Layla played with. She's seen the naked mole rats and the turtles. She's very curious, very smart.

"When she says the word scientist, I want her to envision herself. I want her to think big."

She asked me how did she get out of my stomach? She asks why does the cat always lick himself? She has a question for just about anything. At her age (4), it's all about experiencing. I'm always busy doing homework and work, but I make time for the Science Center because I feel it opens Layla's mind to the world. It makes her adventurous. When Layla grows up, I don't want her to think that just because she's a girl, she has to have a girl job. When she says the word scientist, I want her to envision herself. I want her to think big. Lawyer, doctor, scientist, that's all fine with me. As long as she goes far, I'll be happy. Once you open that thing in their mind, it keeps them wondering, What's next?"

"We were homeless for 14 months. I'm struggling with words as I write this, because that \$19 was so much money last year. But we did it because we knew our kids needed it. And they LOVED it. They learned about biology and physics. They made LEGO boats to be moved by wind. We love that they love to learn."

- Family Access Member

WHY IS ENABLING ACCESS IMPORTANT?

Youth come to school from a variety of different backgrounds and experiences. Low-income households and at risk youth often enter kindergarten less prepared than their middle-class counterparts and often lag behind in school throughout adolescence. For students who need extra support to be successful academically, what happens before and after school can be as important as what happens during the school day. Those who could benefit the most from extended learning opportunities like the Science Center, typically have fewer opportunities to participate in high quality, affordable extended learning programs.

Everyone deserves the chance to ignite their curiosity and cultivate a passion for discovery, experimentation, and critical thinking. But for some families, a visit to Pacific Science Center is an expense that is just not feasible. We understand the importance of out of school learning experiences. These fun and engaging experiences can be vital to a student's success in school and beyond. Expanding access to families in need is just one way the Pacific Science Center is working to combat the widening opportunity gap.

FAMILY ACCESS MEMBERSHIP

Pacific Science Center provides all the benefits of regular membership to low-income families receiving public assistance, with each family contributing only \$19 per year. This allows a family in our community to experience interactive learning together; from 3D printing in Tinker Tank to exploring the Tropical Butterfly House, they will gain a shared excitement and wonder for the world around them.

Family Access Membership

(As of April 2018)

- Over **2,870 Current Memberships**
- More than **7,650 children** currently served
- Top zip codes:
 - 98133 (Shoreline)
 - 98118 (Rainier Valley)
 - 98208 (Everett)
 - 98144 (North Beacon Hill/Mt. Baker)
 - 98155 (Lake Forest Park/Shoreline)

YOUTH ACCESS MEMBERSHIP

Pacific Science Center provides all the benefits of regular membership to homeless and foster youth at no cost. Youth between 14 and 18 can receive free memberships in their names while foster caregivers can sign up for youth younger than 14.

Youth Access Membership

(As of April 2018)

- **785 Current Memberships**
 - 98034 (Kirkland)
 - 98226 (Bellingham)
 - 98121 (Seattle)
 - 98056 (Renton/Newcastle)
 - 98118 (Seward Park/Rainier Valley)

AUTISM EARLY OPEN

Expanding access goes beyond just eliminating barriers to entry and has crafted experiences that are tailored to the needs of the community. One Saturday each month, the Science Center opens its doors early, softening lighting and sound at our exhibits for Exploration for All: Autism Early Open. In 2016 we served 1,321 guests for these early open days. We also trained more than 250 staff on how to make guests of all abilities feel welcomed, seen, heard, included, and safe, an effort that impacts every interaction on our exhibit floor.

For more information please contact:

April Collier
Senior Vice President of Development
(206) 443-3624
ACollier@pacsci.org





COMMUNITY OUTREACH

I had just finished the last lesson for the day – an engineering lesson about gears – when Sam, another Science On Wheels educator, pulled me aside. Sam, Alec, and I were visiting a school in Okanogan with our Engineering Van, and it was my first visit to eastern Washington.

“Do you remember that student you picked in the assembly to do the bicycle demo?” Sam asked. Of course I did. That portion of the show involves a light attached to a stationary bicycle that lights up when pedaled. Donning a comically large yellow helmet, our fifth-grade volunteer demonstrated our electrical engineering design to raucous applause in front of the whole school.

Sam continued on to tell me that his teacher had spoken to her at the end of the day to let her know how appreciative she was that we had picked him for the assembly. According to the teacher, the student was always very quiet and felt slightly removed from the classroom. After the assembly, though, the whole class couldn’t wait to hear from him about how it felt to be “up there” on stage. He was involved throughout the day, participated in class, his attitude changed so suddenly that his teacher had to tell us.

I internalized then what Alec had meant about Science On Wheels educators being “science superheroes” when he told me about working in this department of Pacific Science Center. I was just a STEM-Education college intern then, working with Science On Wheels staff to curb summer learning loss around Seattle.

“Hey Science Guy!”

Since joining Science On Wheels full-time last June, I’ve been to dozens of schools all around Washington State and beyond, including Montana. One thing that continues to strike me is that every school is always excited to see us. When students are risking getting reprimanded by their teacher to sneak in a “Hey Science Guy!” in the hallway, I know I’m doing something right.

My goal is to arm students with proof that science can be exciting and fun. With that, the next time they are nodding off in front of a textbook, ready to give it all up, they can draw on their Science On Wheels experience to remind them of that fact and turn another page.

— Ishin Iwasaki

SCIENCE OUTREACH PROGRAMS

Pacific Science Center is rooted in serving communities near and far that promote learning, discovery, curiosity, and well-being in all. Outreach Programs are designed to provide hands-on programming to inspire students to explore more science classes, to consider STEM-related careers, and to educate all on the connections science makes to everyday living. Outreach programs provide our community with the tools, resources, and programs needed for school readiness, and for future educational and career success in STEM fields.

Since 1973, Science On Wheels has been reaching out to rural, small, and underserved communities that have limited access to STEM education. In FY17, we delivered hands-on science education programming to more than 150,000 people at 558 venues across Washington state and beyond, including many communities traditionally underrepresented in science. About half of our in-school programs were at Title 1 schools where more than 40 percent of students qualify for subsidized lunches, which means we served over 30,000 Title 1 students. In FY18 our goal is to serve over 50,000 Title 1 students.

BY THE NUMBERS

Over 225,000 people were engaged with our outreach activities in FY17. These programs include Science On Wheels, field trips, and summer camps. We had

6,102 students
in our science-themed camps



150,291 students
and teachers experienced Science On Wheels

COMBATING SUMMER LEARNING LOSS

When schools are out. Pacific Science Center summer camps are in. More than 6,000 youth participated in Pacific Science Center summer camps in 2017. Campers gathered at eight locations in the Puget Sound area. They include environmental science camps at Mercer Slough Environmental Education Center in Bellevue, and new technology camps that offered hands-on experience in animation, graphic design, and coding to combat summer learning loss. Donor support provided camp scholarships for students facing financial difficulties.

For more information please contact:

April Collier
Senior Vice President of Development
(206) 443-3624
ACollier@pacsci.org



70,611 students
and chaperones participated in field trips





