

### **Camp BioMed**

[\*\*Camp BIOMed\*\*](#) is a week-long science summer camp for high school students interested in biomedical or health science careers. NWABR will offer six exciting tracks: The Molecular Biology of Cancer – good cells gone bad, Next Gen Science – Origami of Life & Bioinformatics, CSI (Crime Scene Investigation) – Solve a murder mystery, Genetic Engineering: Recombinant DNA Technology, Global Health Challenges and Medical Microbiology. \*\*Please note cost for this program.\*\*

### **Fred Hutch Cancer Research Center Pathway Explorers Program**

[\*\*The Pathway Explores Program\*\*](#): The Pathways Research Explorers Program, funded by the National Cancer Institute at the National Institutes of Health, supports rising 10th and 11th grade students (especially those from backgrounds traditionally underrepresented in science) in a two-week introductory summer program at Fred Hutch. We run two sessions in August of approximately 16 students each. Students must have completed a high school biology course to participate.

### **Harborview Medical Center INSIGHT High School Program**

[\*\*The INSIGHT High School Program\*\*](#) is an intensive four-week program designed to introduce students to public health, biomedical research, & medicine. Students will take a deep dive into injury prevention research through various activities. The program is open to high school students entering grades 10-12 or recently graduated.

### **Seattle Children's Hospital Nurse Camp**

Seattle Children's is a richly diverse organization. The patients and families we serve come from many backgrounds and bring distinct values, family structures, strengths and special needs. We strive to maintain an atmosphere that reflects our values of inclusion by providing effective and respectful care compatible with each patient and family's beliefs, values and heritage.

To reach our goals, we are committed to recruiting the best nurses, cultivating an inclusive and diverse workforce and inspiring diverse high school students to pursue a career in nursing. Every year we offer local high school students from diverse backgrounds the opportunity to participate in our [\*\*Nurse Camp at Seattle Children's\*\*](#).

During this five-day camp, students will gain insight into the world of pediatric nursing by participating in clinical observation sessions. In these sessions, students will shadow nurses in a clinical environment and observe as they provide patient care and interact with patients and families. (Students will not provide patient care.)

### **Seattle Children's Hospital Research Training Program**

[\*\*Seattle Children's Research Training Program\*\*](#) is committed to building an inclusive and diverse workforce, and inspiring the next generation of scientists, physicians, and healthcare workers. During the summer, our Science Education Department offers high school students the

opportunity to learn more about biomedical research. The Research Training Program (RTP) is an in-person program with a competitive application process for students from groups that are underrepresented in biomedical research. This program is intended for local students who live within a two-hour commute of downtown Seattle. Stipends are available to offset costs for transportation and meals. We do not provide or arrange housing for students.

### **Shoreline Community College Project Biotech**

[\*\*Shoreline Community College's Biotechnology Lab\*\*](#) opens its doors to high school students for week-long explorations of biotechnology and DNA sequencing!

### **University of Washington Medicine Neurological Surgery Summer Student Program**

[\*\*The UW Medicine Department of Neurological Surgery Summer Student Program\*\*](#) provides "Bench to Bedside" exposure in the field of neurosciences.

Established in 2008 by Richard G. Ellenbogen, M.D., Professor and Chair of the UW Department of Neurological Surgery, the program provides students seeking summer lab placements the opportunity to explore basic and clinical neurosciences.

Our hope is that students will be so excited by their work that they will desire to pursue an academic career in research and/or medicine.

Our mission is to recruit and educate a wide spectrum of students from diverse backgrounds, focusing on those under-represented in STEM (Science, Technology, Engineering and Math), and broaden their knowledge base in the field of biomedical research, including translational, clinical and basic research; and to inspire students to pursue a career in research, medicine or allied fields, especially in Neuroscience.

### **University of Washington Neurotechnology Young Scholars Program**

[\*\*Center for Neurotechnology Young Scholars Program\*\*](#): The Center for Neurotechnology (CNT) at the University of Washington sponsors a five day "YSP-REACH" program on the Seattle Campus during the summer. High school students receive an introduction to neuroscience and neural engineering, neuroethics, scientific communication, and the latest developments in brain-computer interfaces. Participants have the opportunity to tour CNT partner labs in departments including Computer Science and Electrical Engineering. The goal is to provide students with exposure to the field of neural engineering and provide basic preparation for college studies in STEM subjects as well as future STEM careers. The program is well suited for students interested in a STEM career, with a specific interest in neural engineering and neuroscience.

## **University of Washington Nurse Camp**

**UW Nurse Camp** is open to current high school sophomores and juniors who are interested in learning about the nursing field and how to get into nursing school. This is a free week-long symposium geared towards increasing access and opportunities in nursing to minority and low-income high school sophomores and juniors who are at least 16 years of age by the first day of camp. Students from all backgrounds are welcome and encouraged to apply.

## **Bank of America Student Leaders Program**

Every year, hundreds of community-minded high schoolers are accepted into the **Student Leaders** program. They get first-hand experience in serving their communities through a paid eight-week internship with nonprofits like Boys and Girls Clubs of America and Habitat for Humanity.

They also get to see how nonprofits, governments and businesses collaborate to meet local needs by participating in the national Student Leaders Summit in Washington, D.C. Many of the students use their new-found skills to create more change and improve more lives, with inspiring stories of enthusiasm and commitment.

## **Boy's and Girl's Club YouthForce**

**YouthForce** is Boys & Girls Clubs of King County's teen employment program, offering a unique approach to workforce readiness by providing teens with employment opportunities and career development workshops while creating rewarding employment solutions for local businesses.

YouthForce began serving the Seattle community in 1998, partnering with local schools and businesses to provide career counseling, trainings, and mentored internships. The mission was to engage and guide low-income and underserved teens, helping them achieve their personal, academic, and career potential.

In 2007, seeking to broaden its reach, YouthForce joined Boys & Girls Clubs of King County, which has placed a new emphasis on teen programming and outreach. To date, YouthForce has offered thousands of teens paid internship opportunities through partnerships with innovative Seattle-area employers.

## **Microsoft High School Program**

Find inspiration, plan for college, and empower your future with [Microsoft's High School Program](#). Get hands-on experience and on-the-job learning as you work on technology projects that make a difference in people's lives around the world and find out what STEM fields of study can offer you.

## **Washington Business Week**

[Washington Business Week](#) places students in a dynamic simulation where they role-play as industry professionals, launch a company, sharpen their communication skills, and solve real-world challenges.

Students take the lead as their team races against the clock to develop a world-changing idea and pitch it to potential investors at the end-of-week competition. Guided by a mentor from a local business, students learn to work as a team, explore careers, build a network with professionals and future leaders.

Each day students and their companies dive into a real-world business simulation in the career pathway they've chosen. Students make "real-life" decisions as a team and participate in interactive projects with other teen companies. Business leaders from around the state share their experiences and challenges and provide valuable insight and direction as they mentor the teams.

## **MEDIA AND ARTS**

### **KUOW RadioActive Youth Media**

[RadioActive Youth Media](#) is where young people discover public radio journalism and gain access to the skills, community and institutional resources that spur their growth as media makers. Through their stories, listeners of all ages gain a deeper understanding of young people whose voices are rarely heard by the greater public.

### **Museum of Pop Culture Summer Youth Program**

[MoPOP](#) is proud to offer summer youth programs for students. Keep learning fun during summer vacation! Create original music videos, imagine fantasy worlds, take the stage as an improviser, explore the world of drag, or design your own museum in Minecraft!

\*\*Please note cost for this program.\*\*

## **Seattle Art Museum Teen Art Group**

**TAG** is an intensive program for high school-aged youth who are interested in leadership, are highly opinionated, want to learn about themselves and the world through art, and want to make SAM fun and engaging for teens. TAG meets at SAM Thursday nights October–May, and plans all aspects of Teen Night Out—from selecting performers and art activities, to leading special tours and organizing screenings and gallery talks. Selected participants will receive community-service learning credit or a stipend for their participation.

## **Seattle Children’s Theater Teens in Action Group**

**The Teens in Action Group** is a mentorship and advocacy program that impacts change through educational theatre, performance technique and leadership skills. T.A.G. is dedicated to serving the community, while empowering student voices through artistic activism. Throughout the school year, this group will gain skills in theatrical practices and collectively create an artistic piece that engages with community.

## **Seattle Shakespeare Organization Camp Bill**

**Camp Bill** is a series of fun and interesting programs offered every summer. Students can sign up for one-week acting camps where they will be introduced to Shakespeare’s works, practice basic acting concepts, and play fun improv games with new friends. They can also participate in a 3-week “production intensive” camp where middle and high school students create their own full productions. In these 3-week camps, teaching artists direct students not only in rehearsal and performance, but to design and build the set and costumes for their production! There’s something for almost every age and level.

**\*\*Please note cost for this program.\*\***

## **Youth Theater Northwest**

**Youth Theatre Northwest** nurtures the intellectual, artistic, and personal development of children and youth through drama education, performing opportunities, and live theatre experiences.

## **Rooted at Carnation Farms**

**Rooted at Carnation Farms** is a 7-week paid summer program. Teens work together on our 15-acre certified organic farm, gaining first-hand knowledge of the joys and challenges of farming. Through workshops and service learning projects, teens become equipped to use their unique voices, talents, and skills to rethink a liberated food system. We bring together teens from diverse backgrounds and experiences from throughout the Snoqualmie Valley and Greater

Seattle, who form deep bonds to each other and to the land. Teens currently in grades 9-11 are eligible to apply.

## **Girls Rock Math**

**Girls Rock Math** offers leadership programs for middle and high school students. High school students spend two weeks working with girls in 1st-6th grade at one of our math camps working with campers as Intern-Counselors. Graduated campers entering 7th and 8th grade may gain leadership skills by volunteering as a CIT with 1st-3rd graders in our Girls R.O.C.K Leadership program.

## **Institute for Systems Biology Project Feed 1010**

Institute for Systems Biology (ISB) offers internships for upcoming juniors and seniors who are interested in food sustainability and food security through ISB's [Project Feed 1010](#) (PF1010).

Developed to diversify and strengthen the environmental research field, as well as provide skills training and authentic research experiences for students, the ambassador program empowers students to solve a complex, real-world problem: food insecurity. Since 2016, this year-long program has cultivated and supported 4 cohorts, 25 schools, and 55 total high school students from the Puget Sound region in Washington state, as they become leaders in Environmental Education (EE). Through this opportunity, students were trained during the summer through hands-on, real-world experiences at ISB to tackle the global food security crisis and then supported as they developed and implemented a plan to integrate their newfound knowledge into their schools and community centers. To date, this program has provided ~200 hours of interdisciplinary EE focusing on sustainable agriculture, food security, aquaponics, systems biology and career exploration.

## **Sustainability Ambassadors**

[Sustainability Ambassadors](#) recruit, train and support passionate young people who (like us) want to rapidly advance a sustainable future.

We offer seven unique intern programs that support emerging leaders (like you?) in professional development, project management, community organizing, and collective impact reporting.

## **Teens in Public Service**

**Teens In Public Service (TIPS)** provides paid public service internships to teenagers, working in non-profit organizations throughout King County and the surrounding region for 6 – 8 weeks during the summer.

## STEM

### **ACE Mentoring – Engineering, Architecture and Construction**

The mission of [Ace Mentoring](#) is to engage, excite, and enlighten high school students to pursue careers in architecture, engineering, and construction through mentoring and continued support for their advancement into the industry.

### **Coding for Medicine**

[Coding for Medicine](#) is an innovative organization dedicated to teach coding skills to young people based on real-life problems. Our primary areas are biology and medicine, but we also offer interesting modules like “Calculus Meets Coding” to teach calculus and coding together and “Catching Pokemon with Coding” to teach coding to the middle-school students.

**\*\*Please note costs associated with this program.\*\***

### **Girls Who Code**

[Girls Who Code](#) is on a mission to close the gender gap in technology and to change the image of what a programmer looks like and does.

### **Google Computer Science Summer Institute**

[Google’s Computer Science Summer Institute](#) is a 4-week introduction to computer science for rising college freshmen with a passion for technology – especially students who’ve been historically marginalized from the field.

CSSI: Online is not your average virtual summer camp. It’s an intensive, interactive, and fun program that seeks to inspire the tech leaders and innovators of tomorrow by supporting the study of computer science, software engineering, and other closely-related subjects. Check out the CSSI: Online and CSSI: Extension tabs for more information.

### **Inspirit AI Scholars**

[AI Scholars](#) inspires curious high school students globally by exposing them to the defining technology of our times: Artificial Intelligence. AI is already present everywhere: in our voice-activated devices, smartphone face recognition systems, and autonomous vehicles. The potential to apply this technology for good is limitless.

This program, developed and taught exclusively by a team of alumni and graduate students from Stanford and MIT, provides guidance on initiating AI projects, pursuing AI ventures, and preparing for college. Learn more about our in-person or live online program.

## Microsoft DigiGirlz

Microsoft is proud to offer free technology programs specifically for youth. Our **Microsoft DigiGirlz** programs give middle and high school girls opportunities to learn about careers in technology, connect with Microsoft employees, and participate in hands-on

## Microsoft High School Program

**Microsoft High School Program:** Find inspiration, plan for college, and empower your future with Microsoft's High School Program. Get hands-on experience and on-the-job learning as you work on technology projects that make a difference in people's lives around the world and find out what STEM fields of study can offer you.

## Mount St. Helen's Institute Volcano Naturalist Program

Become an expert on the volcano in our backyard as a **[Volcano Naturalist at Mount St. Helens](#)**. The Volcano Naturalist Program is a 12-week certification course offered by the Mount St. Helens Institute. Participants in this program will explore diverse aspects of the natural and cultural history of Mount St. Helens.

\*\*Please note cost for this program.\*\*

## Pacific Science Center Discover Corps

**Discovery Corps** is a youth development program that puts young people on the front line of Pacific Science Center's mission to ignite curiosity in every child and fuels a passion for discovery, experimentation, and critical thinking in all of us. Discovery Corps is for high school youth who want to dive into exciting, interactive experiences while learning new professional and life skills. For more information about Discovery Corps, contact **[discovery.corps@pacsci.org](mailto:discovery.corps@pacsci.org)**.

Discovery Corps Members have the chance to apply for an internship through Discovery Corps Internship Program. Internships allow members to work closely with one of the many departments here at the Pacific Science Center. Possible internship opportunities include: developing future presentations, caring for the butterfly house, and presenting shows in the planetarium.



## **University of Washington AI4All**

**The University of Washington AI4All program** invites students from traditionally underrepresented groups to join us for a free, 2-week data science and artificial intelligence introductory workshop. To be eligible for the program, students must be rising high school juniors, high school seniors, or college freshmen. At the workshop, students will learn how to understand, analyze, interpret and discuss real-world applications of data science and machine learning with the ultimate goal of understanding impactful technology decisions.

## **University of Washington College of Engineering Materials Camp**

**College of Engineering, Materials Camp:** MatCamp is a materials science-based summer day camp for high school students who will be entering their junior or senior year in fall. The camp is free; campers are responsible for their own lunches. As the camp is a day camp, there is no housing provided or available. Admission to this camp is by selection; students will be accepted based on their abilities, motivation, and interests. U.S. citizenship is not required for participation in this camp.

## **University of Washington Engineering Academy**

**Engineering Academy** is a summer program that brings together high school students from across Washington state. This academic program is designed to help you explore engineering and develop problem-solving skills essential to meeting the high standards of college-level math and engineering.

## **Washington Aerospace Scholars**

**Washington Aerospace Scholars (WAS)** is an online distance learning course and summer experience specifically designed for high school juniors interested in pursuing science, technology, engineering, and math (STEM) pathways through the exploration of space and space travel.

The online curriculum is a University of Washington college course focused on NASA's space exploration program as well as topics in Earth and Space Science.

If scholars successfully complete the online curriculum, they are invited to participate in multi-day summer experiences that provide them the opportunity to work with STEM professionals, NASA scientists, university students and STEM educators.

**\*\*Please note cost for this program.\*\***