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GEAR UP Achievers 6811 S 204th St., Suite 320 Kent, WA 98032

GEAR UP Achievers
Summer Application Packet

--2020

SUMMER 2020 OVERVIEW

GEAR UP Achievers presents Summer 2020! 6 Weeks of FREE summer learning opportunities

GEAR UP Achievers is a program of the University of Washington's Office of Minority Affairs & Diversity (OMA&D) that serves students and families in accessing college and post-secondary education. Our goal is to dramatically increase the number of low income, first generation college, and students of color succeeding in post-secondary programs. Throughout the school year, GEAR UP Achievers supports college access activities and field trips that are FREE and open to all GEAR UP students. During the summer, we run FREE summer programs to expose students to unique learning experiences and careers in Science, Technology, Engineering, and Math (STEM).

Students do not need to apply to be in GEAR UP; we serve all students currently in 7th and 8th grade and their families at the following schools districts and schools:

- Auburn: Olympic and Cascade Middle Schools
- Kent: Meeker, Mill Creek, and Meridian Middle Schools (8th grade only)
- Renton: Dimmitt, Nelsen, and McKnight Middle Schools
- Tukwila: Showalter Middle School

All students completing 7th grade (except in Kent School District) or 8th grade at these schools are eligible GEAR UP students for Summer 2020 programming.

This summer, we have six (6) weeks of immersive summer learning opportunities for GEAR UP students to choose from. Students may only attend 1 camp this summer. The next few pages in this packet include eligibility requirements, sample schedules, and other information to help students and families make the best decision about which programs to apply for.

If you have any questions about a program or need translation into a language other than English, please contact Kristen Yip (vipk@uw.edu, 206-221-8319).

Spanish Vietnamese Russian
Somali Arabic Marshallese
Punjabi Ukranian

SUMMER PROGRAM OPTIONS

- Husky Leadership Academy at the University of Washington, Seattle, WA
 - o Dates & Times: July 8-11, 2020 | Wednesday, 9am Saturday, 3pm
 - o Length: 4 days, 3 nights in UW Seattle on-campus residence halls
 - o Topic: Leadership, College & Career Readiness, and Robotics
 - Eligibility: Completing 8th grade at GEAR UP schools; must not have attended Early Engineering Institute 2019
- Community Scientist by Pacific Science Center at Mercer Slough, Bellevue, WA
 - o Dates & Times: July 6-10, 2020 | Monday Friday, 8am-3pm
 - o Length: 5 days of day camp, 1 night of camping
 - o **Topic:** Hands-on Environmental Science and Wetlands Exploration
 - Eligibility: Completing 7th or 8th grade at GEAR UP schools in Renton School District; must identify as a girl
- Community Scientist by Pacific Science Center at Mercer Slough, Bellevue, WA
 - o Dates & Times: July 13-17, 2020 | Monday Friday, 8am-3pm
 - o Length: 5 days of day camp, 1 night of camping
 - o **Topic:** Hands-on Environmental Science and Wetlands Exploration
 - o **Eligibility:** Completing 7th or 8th grade at GEAR UP schools in Tukwila or Auburn School Districts; must identify as a girl
- Community Scientist by Pacific Science Center at Mercer Slough, Bellevue, WA
 - o Dates & Times: August 3-7 | Monday Friday, 8am-3pm
 - o Length: 5 days of day camp, 1 night of camping
 - o **Topic:** Hands-on Environmental Science and Wetland Exploration
 - Eligibility: Completing 7th or 8th grade at GEAR UP schools in Kent School District; must identify as a girl
- NatureBridge at Lake Crescent, Olympic Peninsula, WA
 - o Dates & Times: August 3-7, 2020 | Monday, 7am Friday, 5pm
 - o Length: 5 days, 4 nights in NatureBridge campus cabins
 - o **Topic:** Environmental Education, Climate Change, and Cultural Identity
 - o **Eligibility:** Completing 7th or 8th grade at GEAR UP schools; must identify as Pacific Islander or Native Hawaiian
- Tech Trailblazers at Living Computers: Museum + Labs, Seattle, WA
 - o Dates & Times: July 28-31, 2020 | Tuesday Friday, 9am-2pm
 - o Length: 4 days of day camp
 - Topic: Computer Science and Coding/Programming
 - o **Eligibility:** Completing 7th or 8th grade at GEAR UP schools

SUMMER PROGRAM OPTIONS

◀ Jun 2020			July 202	20		Aug 2020 ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
	Pac Sci	Pac Sci	HLA Pac Sci	HLA Pac Sci	HLA Pac Sci	HLA
12	13 Pac Sci	14 Pac Sci	15 Pac Sci	16 Pac Sci	17 Pac Sci	18
19	20	21	22	23	24	25
26	27	28 Living Computers Museum	29 Living Computers Museum	30 Living Computers Museum	31 Living Computers Museum	
	NatureBridge	NatureBridge	NatureBridge	NatureBridge	NatureBridge	

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August 2020 August 2020 Sep 2020 ▶						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3 Pac Sci	4 Pac Sci	5 Pac Sci	6 Pac Sci	7 Pac Sci	8

HLA = Husky Leadership Academy @ UW Seattle Pac Sci = Community Scientist @ Mercer Slough

Once students have determined which program(s) they would like to apply for, the last five (5) pages (Student Information, Parent Information, and Essay Questions) must be completed and turned into your GEAR UP site coordinator by May 8, 2020. Students cannot be guaranteed their top choice, so we suggest students indicate an interest in at least two programs. Please note the eligibility requirements, as these are strict and we do not allow exceptions.

OPTION #1 Husky Leadership Academy

A FREE 4-day, 3-night on-campus Leadership camp for GEAR UP students who have completed 8th grade.

Will you be finishing 8th grade this year? Are you prepared for high school yet? In Husky Leadership Academy, we will combine the collaborative and creative nature of robotics & programming with the mentorship and focus needed to do well in high school. Join us for this overnight camp and experience all that the UW campus has to offer from morning until night. That means breakfast, lunch, and dinner in the dining halls, sleeping in the dorms, meeting professors and students clubs, and more.

Program Goals:

- Students will learn to work on a team
- Students will learn to design and program a robot to compete with other teams
- Students will build community with a college mentor and small group of peers
- Students will learn about preparing for high school success

Student Eligibility:

- Must have completed 8th grade at Meeker, Meridian, Mill Creek, Dimmitt, McKnight, Nelsen, Cascade, Olympic, or Showalter Middle School
- Must not have attended Early Engineering Institute 2019

Program Dates:

- Wednesday, July 8 Saturday, July 11, 2020
- Parent/guardian(s) and families are invited on Saturday, July 11 from 1-3pm to watch the Final Round of Robot Battles, watch student presentations, and an optional tour of the University of Washington campus.

Student Supervision: Participants are supervised at all times by adult staff members, both during activities and within the dormitories. Staff dedicated to the Husky Leadership Academy include UW Professional Staff, hired college mentors, GEAR UP Achievers chaperones.

Housing & Food: Students will live and dine in the University of Washington residence halls for the entire program. Meals are served buffet style with various options for students with any dietary need.

Cost: FREE for all GEAR UP students.

SAMPLE 5-day SCHEDULE for Husky Leadership Academy

Wednesday, July 8		
9am	Arrive at the University of	
	Washington	
	Unload luggage and move into	
	dorms	
11am	Mentor Session #1	
12pm	Lunch	
1pm	Robotics Workshop	
5pm	Dinner	
6pm	Watch Film	
8pm	Mentor Session #2	
10pm	Lights Out – good night!	

Thursday, July 9		
8am	Breakfast	
9am	Notetaking & Self Advocacy	
	Workshop	
10am	Robotics Workshop	
12pm	Lunch	
1pm	Robotics Workshop	
3pm	Meet Student Clubs on-campus	
5pm	Dinner	
6pm	Recreation Time	
8pm	Mentor Session #3	
10pm	Lights Out	

Friday, July 10		
8am	Breakfast	
9am	Preparing for High School	
10am	Robotics Workshop	
12pm	Lunch	
1pm	Robotics Workshop	
3pm	Meet a Professional & Professor	
5pm	Dinner	
6pm	Robotics/ Prep for Competition	
8pm	Mentor Session #4 & Closing	
10pm	Lights Out	

Satur	Saturday, July 11		
7am	Pack up belongings		
8am	Breakfast		
9am	Robotics Competition		
1pm	Competition Finals, Awards &		
	Reception for Parents/Families to		
	attend		
3pm	Busses depart for schools/drop-off		
4pm	OPTIONAL: tour of UW, admissions		
	presentation for students and		
	families		

OPTION #2, 3, & 4 Community Scientist Camp

A FREE 5-day, 1-night hands-on learning experience in community science for GIRLS ONLY

How can you use your interest in for environmental science to impact your community? With today's many science-sharing platforms, it's never been easier! Learn how to participate in community efforts to collect critical scientific data to share. Stand in the shoes of everyday superheroes who are passionate about helping our Earth. Overnight Camping Trip included. Campers depart for an overnight trip Wednesday afternoon and return by Thursday morning. Camp will continue Thursday, and students will be dropped off at their respective schools on Thursday afternoon.

Program Goals:

- Students will learn the different techniques scientists use to collect data from the field
- Students will study the different factors that affect an ecosystem and how these factors affect populations.
- Students will learn how to communicate their scientific findings to a wide audience.

Student Eligibility:

- Must have completed 7th grade at Dimmitt, McKnight, Nelsen, Cascade, Olympic, or Showalter Middle School OR 8th grade at Meeker, Meridian, Mill Creek, Dimmitt, McKnight, Nelsen, Cascade, Olympic, or Showalter Middle School
- Must identify as a girl

Program Dates (please note that these dates are determined by district):

- Renton School District: July 6-10, 9am 3pm
- Tukwila and Auburn School Districts: July 13-17, 9am 3pm
- Kent School District: August 3-7, 9am 3pm
- All camps are day camps with the exception of an overnight camping trip on the Wednesday night and returning Thursday morning.

Student Supervision: *Participants are supervised at all times by adult staff members, both during activities and within the dormitories.* Staff dedicated to this camp include UW Professional Staff, UW students, hired High School instructors, GEAR UP Achievers chaperones.

Housing & Food: No housing is provided on the day camp days. Snacks throughout the day will be provided, but students are strongly encouraged to pack a lunch. For the OVERNIGHT camp for 1 night, camping gear, tent, sleeping bag, and food will be provided.

Cost: FREE for all GEAR UP students.

SAMPLE 5-day SCHEDULE for Community Scientist Camp @ Mercer Slough

Monday, July 13		
9am	Arrival at Mercer Slough	
	Expectations & Week Overview	
10am	Discussion on Scientific	
	Communication	
10:30am	Journal Making & Snack	
11:30am	Lunch	
12:30pm	Animal Engineering with beavers	
3pm	Scientific Communication	
3:30pm	Closing Circle: Camping Gear	
4pm	Depart for schools/Drop-off	

Tuesday, July 14		
9am	Arrival at Mercer Slough	
9:15am	Morning Circle	
10am	Wetlands Field Trip	
12pm	Lunch	
1pm	Continue in the Field	
2:30pm	Debrief Field Trip & Brainstorm	
	Research Projects	
3:30pm	Closing Circle: Overnight Review	
4pm	Depart for schools/Drop-off	

Wednesday, July 15			
8am	Arrival at Mercer Slough: Gear Check		
9am	Depart for North Cascades, lunch		
	along the way		
12:30pm	Arrive at Hiking Location (take pictures,		
	collect data)		
4:30pm	Drive and arrive at campsite; set up camp		
5:30pm	Start Dinner, free time		
6pm	Dinner		
7pm	Evening Program or Hike		
8pm	Camp Fire (check for burn bans)		
9pm	Get ready for bed		
10pm	Lights out		

Thursday, July 15		
7am	Staff starts hot water for breakfast	
7:30am	Wake campers, get ready for the	
	day, pack personal belongings	
8am	Breakfast	
9am	Depart for Mercer Slough	
11:30am	Lunch	
12:30pm	Game	
1pm	Prepare research presentations	
2:15pm	Share research findings and reflections	
3:00	Closing Circle	

Friday, July 17		
9am	Arrive at Mercer Slough	
9:15am	Morning Circle	
9am	Research Question preparation	
9:45am	Hike and water sample collection	
11:45am	Lunch	
12:15pm	Pond Dips	
1pm	Game & Snack	
1:45pm	Chemical Testing	
3:00pm	Closing Circle	

OPTION #5 NatureBridge

A FREE 5-day, 4-night ecology and culture-based camp for PACIFIC ISLANDER students ONLY

NatureBridge connects young people to the wonder and science of the natural world, igniting self-discovery and inspiring stewardship of our planet. This overnight environmental science program in Olympic National Park offers students the opportunity to engage in inclusive, hands-on learning experiences in the foothills of the Pacific Northwest's Olympic mountains. This camp will be run in collaboration with Our Future Matters, a South King County grassroots organization dedicated to serving Pacific Islander students, to incorporate Pacific Islander culture and identity-building in the program.

Program Goals:

- Students will learn how to take different types of scientific data from the field.
- Students will learn about how dams like the Elwha dam affect river systems.
- Students will discuss the cultural significance of the Elwha river and the ultimate removal of the dam to the Lower Elwha Klallam tribe.
- Students will engage in culturally-relevant personal identity activities that increase connection to the larger Pacific Islander/Native Hawaiian community.

Student Eligibility:

- Must have completed 7th grade at Dimmitt, McKnight, Nelsen, Cascade, Olympic, or Showalter Middle School OR 8th grade at Meeker, Meridian, Mill Creek, Dimmitt, McKnight, Nelsen, Cascade, Olympic, Showalter Middle School
- Must identify as Pacific Islander or Native Hawaiian

Program Dates:

• Monday, July 27 - Friday, July 31

Student Supervision: *Participants are supervised at all times by adult staff members, both during activities and within the dormitories.* Staff dedicated to this camp include UW Professional Staff, UW students, hired High School instructors, GEAR UP Achievers chaperones.

Housing & Food: This is an OVERNIGHT camp for 5 days, 4 nights. All housing will be provided in cabins on the NatureBridge campus. All food will be provided by NatureBridge.

Cost: FREE for all GEAR UP students.

SAMPLE 5-day SCHEDULE for NatureBridge

Monday, July 27	
9am	Arrival
	Learning Groups Meet for
	Exploration of Barnes Point
	(campus)
12pm	Participants bring their own
	lunch (enjoy on the bus or upon
	arrival)
1pm	Continue in the Field
4pm	Recreation time
5/6pm	Dinner
7pm	Evening Program
9:30pm	Quiet hours begin

Tuesday, July 28		
7am	Wake up and prepare for field day	
8am	Breakfast	
9am	Exploration of Barnes Point	
12pm	Group lunch in field	
12:45pm	Continue in the Field	
4pm	Recreation time	
5/6pm	Dinner	
7pm	Evening Program	
9:30pm	Quiet hours begin	

Wednesday, July 29		
7am	Wake up and prepare for field day	
8am	Breakfast	
9am	Exploration of Barnes Point	
12pm	Group lunch in field	
12:45pm	Continue in the Field	
4pm	Recreation time	
5/6pm	Dinner	
7pm	Evening Program	
	Quiet hours begin	

Thursday	y, July 30
7am	
	Wake up and prepare for field day
8am	Breakfast
9am	Exploration of Barnes Point
	(Canoeing, weather dependent)
12pm	Group lunch in field
1pm	Continue in the Field (Hike to
	Marymere Falls)
4pm	Recreation time
5/6pm	Dinner
7pm	Evening Program
9:30pm	Quiet hours begin

Friday, Jul	y 31
7am	Wake up and prepare for field
	day
8am	Breakfast
9am	Exploration of Barnes Point
11:30am	Group lunch in field OR Sack
	lunch to go (Depends on
	departure time)
Ву	Departure Time: By 12:00 p.m.
12pm	
	Thanks for joining us in Olympic
	National Park!

OPTION #6 Tech Trailblazers

A FREE 5-day technology entrepreneurship and programming camp for GEAR UP students

Living Computers: Museum + Labs (LCM+L) is a computer and technology museum located in the SODO neighborhood of Seattle, Washington. LCM+L is a hands-on museum that showcases interactive vintage computers and simulators. During this 4-day camp, students will learn basic programming and computer science (CS) concepts using different hardware and software. Students will then work in teams to design, market, and present a custom technology project.

Program Goals:

- Students will build interest and understanding of CS as a diverse field they can pursue
- Students will learn basic programming and CS concepts using accessible hardware and software
- Students will work in teams to design, market, and present a custom technology project.

Student Eligibility:

• Must have completed 7th grade at Dimmitt, McKnight, Nelsen, Cascade, Olympic, or Showalter Middle School OR 8th grade at Meeker, Meridian, Mill Creek, Dimmitt, McKnight, Nelsen, Cascade, Olympic, Showalter Middle School

Program Dates:

- Tuesday, July 28 Friday, July 31, 9am 2pm
- Parent/guardian(s) and other family members are invited on Friday, July 31 at 12pm to view student presentations and explore the Living Computers: Museum + Labs for free

Student Supervision: *Participants are supervised at all times by adult staff members, both during activities and within the dormitories.* Staff dedicated to this camp include UW Professional Staff, UW students, hired High School instructors, UW GEAR UP chaperones.

Housing & Food: This is a DAY CAMP so no housing is provided. A catered lunch will be provided for all participating students at LCM+L.

Cost: FREE for all GEAR UP students.

SAMPLE 5-day SCHEDULE for Living Computers: Museum + Labs

Tuesday, J	uly 28
9am	Arrival
11:30am	Lunch
12pm	Exhibits
12:30pm	Tour
1pm	Workshop
2pm	Close and board buses to be dropped off

9am	Arrive and set up presentations in
	Labs
11am	Lunch
12pm	Families arrive and do gallery walk
	presentations from student groups
1:30pm	Clean up presentations
2:00pm	Students and their family members
	are free to explore the museum
	(closes at 6pm)

Friday, July 31

Wednesday, July 29		
9am	Arrival	
11:30am	Lunch	
12pm	Exhibits	
12:30pm	Tour	
1pm	Workshop	
2pm	Close and board buses to be	
	dropped off	

Thursday,	July 30
9am	Arrival
11:30am	Lunch
12pm	Exhibits
12:30pm	Tour
1pm	Workshop
2pm	Close and board buses to be
	dropped off

Application Checklist

All sections and blanks must be completed in ink by students, parents/guardians, including signatures. ☐ Student Information (Page 1 of 5) ☐ Parent/Guardian Information (Page 2 of 5) ☐ Summer Camp Selection (Page 3 of 5) ☐ Essay Questions (Pages 4 & 5 of 5)
Applications are due on MAY 8, 2020. Please turn in your completed applications to your GEAR UP Coordinator. After you have turned in your completed applications:
□ Notification of Decision – May 15, 2020
Students will receive notification of the selection decisions by May 15, 2020. An Acceptance Packet will be sent to the valid email address provided in the application. If no valid email address was provided, students will receive the Acceptance Packet in the mail.
☐ Confirmation of Attendance – June 12, 2020
Students must confirm their attendance as soon as possible by completing the paperwork included in the Acceptance Packet and returning it to their site coordinator. Students must do this by June 12, 2020, or else their spot will be released to students on the waitlist.
☐ Questions?

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If you have any questions, please contact Kristen Yip (yipk@uw.edu or 206-221-8319)

Student Information (application page 1 of 5)

Student First Name:	Middl	e Initial:	Student Last	Name:
Student Gender: Student Date of Boy Girl Non-Binary		f Birth (Month/Day/Year):		Do You Receive Free or Reduced Lunch? Yes No Not Sure
Mailing Address:				
City, State, Zip Code:				
Home Phone Number:				
Student Phone Number:		Student Email Address:		
School You Will Attend in September 2020:		School District:		
Grade You Will Be Entering in September 2020:		Have you ever participated in the English Language Learner (ELL) Program at your school?: Yes No		
Favorite Class in School:		Did you participate in Early Engineering Institute last summer (2019)? Yes No		
Race/Ethnicity: Black or African American White Middle Eastern Asian East Asian Southeast Asian Multi-Racial: Please List			lispanic vaiian or Pacific Islander	
How do you identify your race/ethnicity?				
What is the primary language spoken at home?				
What languages do you speak?				
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Parent/Guardian Information (application page 2 of 5)

Parent/Guardian 1	
Name:	
Relationship to Student:	Parent/Guardian Phone Number:
Home Address:	
Parent/Guardian Email Address:	
	ome 2-YR College Some 4-YR College Master's Degree or Higher
Name of College Attended (if any) & Major/Degree Na	me (if any):
Primary Emergency Contact Yes No Other:	
Parent/Guardian 2	
Name:	
Relationship to Student:	-1
	Phone:
Home Address:	Phone:
•	Phone:
Home Address: Parent/Guardian Email Address: Highest Education Attained: Some High School High School Diploma	ome 2-YR College Some 4-YR College Master's Degree or Higher
Home Address: Parent/Guardian Email Address: Highest Education Attained: Some High School High School Diploma	ome 2-YR College Some 4-YR College

Summer Camp Selection (application page 3 of 5)

These are the 6 summer camps that are available:

- July 8-11, 2020: <u>Husky Leadership Academy</u> (must be completing 8th grade)
- **July 6-10, 2020**: Community Scientist Camp (must be completing 7th or 8th grade; must identify as a girl; must be from Renton School Districts)
- July 13-17, 2020: <u>Community Scientist Camp</u> (must be completing 7th or 8th grade; must identify as a girl; must be from Tukwila School Districts)
- August 3-7, 2020: <u>Community Scientist Camp</u> (must be completing 7th or 8th grade; must identify as a girl; must be from Kent School Districts)
- August 3-7, 2020: <u>NatureBridge</u> (must be completing 7th or 8th grade;, must identify as Pacific Islander/Native Hawaiian)
- August 4-7, 2020: <u>Tech Trailblazers</u> (must be completing 7th or 8th grade)

For students:
WRITE in your top three (3) choices for summer camp :
1.
2.
3
WRITE in any camps that you are UNAVAILABLE or UNINTERESTED:
WRITE in any dates that you will be busy/out of town this summer*:
*You must be able to attend ALL days of the camp that you are accepted into.
For parent/guardian: I have reviewed the summer programming options, certify that my child is eligible according to each camp's requirements, and grant permission for my child to apply and be considered for the GEAR UP Achievers summer programs that they have listed above. Parent/Guardian Name:
Parent/Guardian Signature:
Student Name:

Essay Questions (application page 4 of 5)

Please respond to the following questions in 4-6 sentences. One sentence answers will not be accepted and your application will be marked as incomplete. You may write your answers below or type out your answers on a separate paper and attach to the application. Please be sure to answer all the following questions:

GEAR UP is a program that supports students in Renton, Auburn, Tukwila, and Kent to graduate from High School and attend College and study STEM (Science, Technology, Engineering, and Math) Why do you want to participate in a GEAR UP summer program?

What was your top summer program choice and why did you choose it? What do you want to learn in this program?

Essay Questions – continued (application page 5 of 5)

Please respond to the following questions in 4-6 sentences. One sentence answers will not be accepted and your application will be marked as incomplete.

How do you want to use science to solve a problem or change the world?	
96% of students in your schools want to go to college after they graduate from high school. What do you want to do after graduating from high school? What are your goals?	