

BARC Science Fair '18, Aug. 1-3 Agenda



Hosted by UIC Science, LLC

	Wednesday Aug. 1	Thursday Aug. 2	Friday Aug. 3
TIME	Youth Activities 2:00-4:30	Youth Activities 2:00-4:30	Youth Activities 2:00-4:30
1:00	Registration Begins	Registration Begins	Registration Begins
2:00	All Youth: Meet TunnelMan, a real-life Science Superhero who has been frozen in the permafrost for thousands of years!	Youth Activity Session 3: -NSB Wildlife Department of Wildlife Management Activities (Group One) -Utilizing Traditional Knowledge for Science (Group Two)	Youth Activity Session 6: -UIC Science Activity Workshop (Group One) -Trapping Critters for Science (Group Two)
2:40	Break	Break	Break
2:50	Youth Activity Session 1: -Make Frost Tubes with TunnelMan to measure the permafrost levels around the BARC (Group One) -Alaska Science Center Activities (Group Two)	Youth Activity Session 4: -Bird Walk with Audubon Alaska (Group One) -NSB Department of Wildlife Management Activities (Group Two)	Youth Activity Session 7: -NASA Workshop (Group One) -UIC Science Activity Workshop (Group Two)
3:30	Break and Snack	Break and Funnel Cakes!	Break and S'mores
3:40	Youth Activity Session 2: -Alaska Science Center Activities (Group One) -Make Frost Tubes with TunnelMan to measure the permafrost levels around the BARC (Group Two)	Youth Activity Session 5: -Utilizing Traditional Knowledge for Science (Group One) -Bird Walk with Audubon Alaska (Group Two)	Youth Activity Session 8: -Trapping Critters for Science (Group One) -NASA Workshop (Group Two)
5:00	BARCbeque Food provided by UIC Science	BARCbeque Food provided by NSB Dept. of Wildlife Mang.	BARCbeque Food provided by UIC Science
	Kids Activity Room: Make Glow-in-the-dark bouncy balls, color-changing slime, and more! Science Presentations in the BARC Large Conference Room start at 6:00 MC: Stephanie Gaff and Michelle Frantz	Kids Activity Room: Make Ice Cream out of Dry Ice! Science Presentations in the BARC Large Conference Room start at 6:00 MC: Kaare Sikuaq Erickson	Kids Activity Room: Grand Valley State University Science Presentations in the BARC Large Conference Room start at 6:00 MC: Nagruk Harcharek
	Door Prize: 300 pc Frist Aid Kit	Door Prize: Stanley Classic Thermos	Door Prize: \$100 Gas Voucher for Utqiaqvik
6:00	National Ecological Observatory Network - Rommel Zulueta, Battelle Ecology	Ecological Hotspots of the Bering, Chukchi, and Beaufort Seas - Max Goldman and Erika Knight, Audubon Alaska	Utilizing Traditional Knowledge to Help Scientists - UIC Science Staff
	Door Prize: Camping Solar Panels with 2 USB Ports	Door Prize: Backpack w/ Solar Panels	Door Prize: Camping Solar Panels with 2 USB Ports
6:20	Long Term Ecological Research in Utqiaqvik - Dr. Vanessa Loughheed, University of Texas El Paso	Rewriting NSF Guidelines for Working with Arctic Communities- Meredith LaValle, IARPC / UAF	Working with Scientists for 30+ years - Richard Glenn, ASRC
	Door Prize: 2-Burner Coleman Stove	Door Prize: 300 pc Frist Aid Kit	Door Prize: Life Straw Backpack Filter
6:40	USGS Science on the North Slope - Dr. John Pearce, USGS Alaska Science Center	Methane at the Zero Curtain in Arctic Alaska - Dr. Zona Donatella, San Diego State University	Navy ICEX 2018 - Submarine Wartime Exercises - Michael Thomas and Nelson Nungasak, ICEX Hosts for UIC Science
	Door Prize: Life Straw Backpack Filter	Door Prize: \$75 Gas Voucher for Utqiaqvik	Door Prize: Quadcopter Drone w/ Video
7:00	NOAA Barrow Observatory Update - Bryan Thomas, Barrow Observatory Station Chief	Assessing Herbivore Impacts on Carbon Cycling in N. Alaska - Austin Roy, PhD Student, University of Texas El Paso	NASA Europa Mission - Tedrick Mealy, NASA/University of Washington
	Door Prize: 4 pc Life Vest Family Set	Door Prize: 4 pc Life Vest Family Set	Door Prize: 4 pc Life Vest Family Set
7:20	North Slope Permafrost Research Update - Dr. Kenji Yokishawa, Water and Environmental Research Center, UAF	North Slope Wildlife Science Update - NSB Department of Wildlife Management	International Tundra Experiment - Dr. Steve Oberbauer, Florida State International University
	Grand Door Prize: Uniden Atlantis 270 Handheld VHF	Door Prize: Garmin GPS Etrex Color Screen	Door Prize: Garmin Inreach Explorer Plus Satellite Text Device



UICS believes in safe, meaningful, and respectful science; especially when it's in our back yard! Quyanapqak for taking part in the Science Fair!

