

BARC Science Fair, Aug. 2-4 Agenda



Hosted by UIC Science, LLC

	Wednesday Aug. 2	Thursday Aug. 3	Friday Aug. 4	See below for event details:
TIME	All-ages activities 1:00 - 5:15 pm at the BARC	All-ages activities 1:00 - 5:15 pm at the BARC	All-ages activities 1:00 - 5:15 pm at the BARC	.
1:00-2:15	Activity 1: All Ages: Determining Age in Bowhead and Beluga Whales: Eyeball dissection/Beluga teeth growth layers w/ DWM scientists (C. George, R. Suydam)	Activity 4: All Ages: Plant Walk - Come learn about traditional uses and scientific aspects of plants on the tundra near the BARC w/ Ilisagvik (J. Aamodt and N. Ahsoak) and scientists (ITEX, NEON).	Activity 7: All Ages: Togglehead Harpoon Workshop (1/2) w/ UICS Staff. Learn about the Science and Engineering behind the toggle head harpoon, and how this ingenious technology has allowed the Inupiat and other Inuit peoples to thrive in Arctic coastal environments utilizing sea mammals.	All activities are 1 hour 15 mins long, followed by a 15 min break. Snacks will be provided during the breaks.
2:30-3:45	Activity 2: All Ages: Ringed Seal (Natchiq) Workshop: Taking Biological Samples and Traditional Processing w/ DWM scientists (R. Stimmelmayr, B. Adams)	Activity 5: Kids and Adults: DGPS Candy Scavenger Hunt Jr./Sr. High: Remote Sensing Workshop: Kites and Cameras (1/2) w/ UTEP scientists (S. Escarzaga)	Activity 8: All Ages: Togglehead Harpoon Workshop (2/2) Build a fully functional replica mini-harpoon w/ UICS Staff	The Red activities are geared for kindergarten through 5th grade. The Blue activities are designed for 6-12th grade. The Green activities are meant for all ages.
4:00-5:15	Activity 3: K-5: Fish Dissection w/ DWM Scientists Jr./Sr. High and All Ages: Coastal Monitoring Workshop: Bathymetry and more, w/ UTEP scientists (C. Tweedie)	Activity 6: K-5: Make Silly Putty: Crosslink to make polymers Jr./Sr. High: Remote Sensing Workshop: Kites and Cameras (2/2) w/ UTEP scientists (S. Escarzaga) All Ages: Guided NARL Tour w/ UICS Staff	Activity 9: K-5: Make Slime and learn about Dry Ice w/ UICS Staff Jr./Sr. High and All Ages: Fun with Carbon Flux: Measuring Carbon in the Arctic, w/ UTEP scientists (V. Lougheed)	However, any age group is welcome to attend any activity! Parents are also welcome to follow their children to activities!
5:00	BBQ @ the BARC!! Food provided by North Slope Borough Dept. of Wildlife Management	BBQ @ the BARC!! Food provided by Ilisagvik College	BBQ @ the BARC!! Food provided by UIC Science	There will be fun posters and booths located in the BARC hallways!
5:00-8:30	-Featured Lab Tour 5:00-8:30 pm : DWM Specimen Collection Tour - Come see everything from fetus' to invertebrates! (BARC Necropsy Lab) Science Presentations in the BARC Large Conference Room start at 6	-Featured Lab Tour 5:00-8:30 pm : Access and Utilization of Online Resources: Remote Sensing Data, Local Observation Networks, Marine Vessel Tracking, etc. (BARC Lab) Science Presentations in the BARC Large Conference Room start at 6	-Featured Lab Tour 5:00-8:30 pm : Archaeology Lab Tour - Come see artifacts and talk to archaeologists! (BARC Archaeology Lab) Science presentations in the BARC Large conference room start at 6	Door prizes every half hour from 6-8PM. Help yourselves to snacks and drinks during the presentations!
	Door Prize: \$100 Gas Voucher for BRW	Door Prize: 2-Burner Coleman Stove, propane	Door Prize: 2-Burner Coleman Stove, propane	
6:00	UIC Science - Nagruk Harchaerek and UICS Staff - Welcome and Intro to BARC Science Fair - UICS New Projects Update	BAID Barrow Area Information Database - Stephen Escarzaga - U. of Texas El Paso	UIC Science - Kaare Siikuaq Erickson - Community Liaison Activities and Update on U.S. Arctic Research Agenda	Presentations are 15-25 mins long followed by 5 mins for questions or comments.
	Door Prize: 3-Pc Life Vest Set	Door Prize: \$75 Gas Voucher for BRW	Door Prize: Ivory Teardrop Earrings (Mammoth/Walrus/Baleen)	
6:30	Department of Wildlife Management - Dr. Craig George - History of BRW Research - Start of DWM -	ITEX - International Tundra Experiment	Department of Wildlife Management - Dr. Robert Suydam - Current DWM Studies	There will be a Kids Activity Room with games, books, movies and scientists from 5-8 pm every night!
	Door Prize: 300-Pc First Aid Kit	Door Prize: Ivory Teardrop Earrings (Mammoth/Walrus/Baleen)	Door Prize: 3-Pc Life Vest Set	Door Prizes provided by UIC Science
7:00	Monitoring Coastal Erosion near Utqiagvik - Dr. C. Tweedie - U. of Texas El Paso - New LTER Project	NEON - National Ecological Observation Network - Observing Ecological Changes in a Changing Climate	UIC Science - Dr. Anne Jensen - Walakpa Archaeology Salvage Project / Current Status of Archaeological Sites on the North Slope	Feel free to walk through the featured lab tours from 5:00-8:30 pm.
	Door Prize: Quadcopter Drone	Door Prize: 300-Pc First Aid Kit	Door Prize: Quadcopter Drone	
7:30	CH2MHill Polar Services - Anna Schemper (15 mins) VIMS - Dr. Rachel Sipler - Marine Research in the Arctic Ocean (15 mins)	San Diego State University (15 mins) Western Kentucky University - Who Needs Sleep? - Katlyn Dela Rosa w/ BRW High School (15 mins)	NOAA - Bryan Thomas (15 mins) ToggleHead Harpoon Banana Trick - Workshop Participants (15 mins)	Walk the BARC hallways to see project posters and UICS Employee profiles!
8:00	Door Prize: Uniden Handheld 6W VHF (Camo)	Door Prize: Cabela's 10-Person 3-Season Tent	Door Prize: Garmin Etrex 20x Color Screen GPS	Questions or comments? Cell/Email: 907-297-8633 kaare.erickson@uicscience.com



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

