

# IGYARARMIUT QALLEMCIIT

**July Birthdays:**

- 1 - Eileen Nelson
- 1 - Kiara Nelson
- 1 - Gregory Zackar Jr
- 8 - Ida Nelson
- 9 - David Alvarez
- 12 - Stacy Hill
- 16 - Fewnia Zharoff
- 18 - Dolly Zharoff
- 19 - Betsy Hostetter
- 21 - Keilan Wassillie
- 25 - Mavrik Salmon
- 29 - Alicia Zackar

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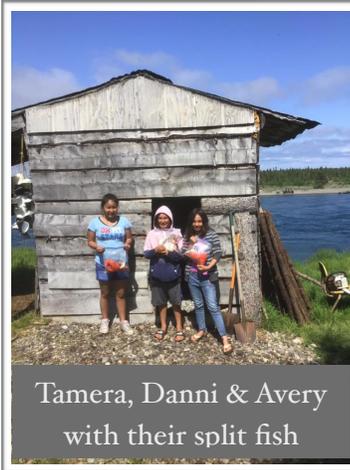
Summer 2019 in Igiugig started off busy with float planes flying by with numerous fishermen, boats zooming on the Kvichak hunting for the mythical 30" rainbow trout and kids and adults playing in the pristine waters of Lake Iliamna. AlexAnna has an update in her 411 in the 533 and Halay, our Grants Administrator, is happy to announce that we were "one of the only 22 grantees nationwide out of a pool of over 200 applicants for the 2019 Native Youth and Culture fund." Sheryl our Resilience Project Coordinator, has written about the BIA "Tribal Resilience Grant to build capacity and develop an Adaptation Assessment that addresses extreme events and harmful environment trends that will impact our resources, economy, infrastructure, health and welfare." Sheryl is proud to announce as well that "Igiugig Receives BIA Travel Support Grants to attend trainings and workshops to help us build capacity and give us tools and resources to form an adaptation assessment."

Following those announcements is a cute article written by our youngest reporters, Ruth, Olivia, and Mavrik on Summer Seagull Eggs and you can read how they go hunting for them. Alicia has an exciting announcement in her article of her Pennsylvania trip to visit Levi's family and explore his home. ORPC would like to do an announcement as well for a celebration on the 16<sup>th</sup> of July and below it is a small description of the RivGen® power system. Igiugig took on D.C. this spring and you can read some of the highlights from the trip. We would like to send out a huge thank you to the people that donated to help make the trip happen. Following photos of the trip you can look at some of the photos of this summers adventure and read about our announcements. Stay cool (its been a warm summer), use sun block, and always use a life jacket when you go boating. Stay safe!

# 4 1 IN THE 533

Igiugig Village Council is in full-tilt action mode, which has not afforded me the chance to provide a newsletter update. Since my last update (April 2018), these have been IVC highlights:

- We are in Year 2 of 3 of our Alaska Native Education “Communities Teaching Culture” program which operates cultural programs in 13 villages with open schools in LPSD. I continue to serve as a part time project director and Michelle Ravenmoon remains the summer project director. Renae Zackar runs the program locally and continues to do an outstanding job in Igiugig.



Tamera, Danni & Avery  
with their split fish



Danni & Shea making  
traditional medicine

- Our Department of Energy funded RivGen® project received its FERC permit on May 23, 2019 making IVC the first tribal entity to receive this designation. It's a temporary 10 year license to pilot the project. There has been plenty of media coverage on our advances:

- o Murkowski Welcomes FERC Approval of Alaskan Marine Renewable Energy

Project: <https://www.energy.senate.gov/public/index.cfm/2019/6/murkowski-welcomes-ferc-approval-of>

o Ravenna Koenig: <https://www.ktoo.org/2019/06/18/village-of-igiugig-one-step-closer-to-replacing-diesel-electricity-with-hydrokinetic-system/>

o “Southwest village prepares to harness river in harmony with salmon” by Elwood Brehmer: [www.alaskajournal.com/2019-06-12/southwest-village-prepares-harness-river-harmony-salmon](http://www.alaskajournal.com/2019-06-12/southwest-village-prepares-harness-river-harmony-salmon)

We are gearing up to host a RivGen celebration on July 16, 2019 and expect many of our project supporters to visit Igiugig.

- IVC was awarded \$600,000 from the HUD Indian Community Development Block Grant (ICDBG) program for our Community Cultural Center. This has been listed in the comprehensive plan as a top-three priority since 2007. This project is my final project for a Master's Degree from UAF in Rural Development. I will be responsible for the community-informed design process, and the sustainability and long-term maintenance plan. Our grant writing team, Halay Turning Heart and Michelle DeCorso, along with our architect partner Jim Cutler, put together a funding request in January for the initial site development. *Quyana* grant writing team and partner, HUD awarded the funds in June 2019. Year 1 will be the environmental review record and permitting for the construction, as well as securing the additional \$1 million for the project. And year 2022 the construction will be completed. We held a planning meeting June 6<sup>th</sup> to design the research interview questions and to share ideas of our dream cultural center.

Continued on page 3



## Igiugig Receives Native Youth & Culture Fund Grant

Halay Turning Heart, Grants Admin.



FIRST NATIONS  
DEVELOPMENT INSTITUTE

Igiugig was recently selected as one of only 22 grantees nationwide out of a pool of over 200 applicants for the 2019 Native Youth and Culture Fund. The Village will receive a \$19,100 grant from the First Nations Development Institute of Longmont, Colorado for a project titled: Reconnecting Yup'ik Youth to the Land.

The project grows out of an Indigenous perspective on the land and the unique location of Igiugig in rural Alaska off of the roads system. The three-tiered project seeks to develop the cultural knowledge, job skills, and leadership capacity of local youth. Objective one provides youth with a valuable opportunity to begin training as pilots using a flight simulator which is an FAA approved basic aviation training device. Local pilots will host one session per week where the software for their particular plane is used and they can sit side-by-side with students in the simulator and train them on their plane's features. The youth will benefit from access to aviation training and gain highly sought-after job skills.

Through objective two, youth will participate in weekly Yup'ik language classes in which the flight simulator can be used to teach the complex locative system through language immersion. This creative adaptation of modern technology will enable youth to comprehend the Yup'ik way of describing locations through the cultural lens, which is best learned traveling the land. The simulator can simulate these changing environments and enable fluent elders to teach them in a classroom setting.

Igiugig now has only two elder speakers living in the village. The community feels an urgency to pass the elders' knowledge on to the younger generations before the opportunity is lost. The village recently finished an ANA language project in which youth advanced to the Novice Mid proficiency level so this project will be a perfect opportunity to continue advancing their speaking proficiency and document the elders' knowledge in a more advanced area through audio and video recordings.

The last objective of the project will involve a Yup'ik culture camp in which all of the youth will come together to live on the land and learn subsistence activities from the elders who grew up this way. Hikes and orienteering challenges will enable youth to practice using the Yup'ik locative system they've learned through the flight simulator. The camp will focus on empowering youth to identify food sources, use local resources, understand climate change and environmental threats.

Igiugig Village also received a previous grant from First Nations Development Institute under the Native Agriculture and Food Systems Initiative (NAFSI). The 2015 Seeds of Native Health grant for \$39,794 was successful in boosting the local foods program, village greenhouse, and involving youth in subsistence foods.

## **Igiugig Receives BIA Tribal Resilience Grant**

Sheryl Wassillie, Resilience Project Coordinator

On September 3, 2018 the Bureau of Indian Affairs (BIA), office of Trust Services – Tribal Resilience Program (TRP) awarded Igiugig \$80,241 to build capacity and develop an Adaptation Assessment that addresses extreme events and harmful environmental trends that impact our resources, economy, infrastructure, health and welfare. The title of the grant is, “Igiugig Village Adaptation Assessment Project” which highlights traditional knowledge gathered by community outreach to elders and community members throughout the planning process. The adaptation plan will help bridge the gap of science-based information to a more intertwined plan to involve traditional knowledge to help us enhance our resilience to the changing climate.

Igiugig has always been resilient and adapting and trying to make this a thriving sustainable community. A few examples are our wind turbine and hydro-projects to offset the use of high-priced diesel, our greenhouse operation, our very existence as native people in this area is explanation enough of how resilient we are. We are very observant people and know this land, every nook and cranny is engraved in our blood, so it is critical to involve traditional knowledge. We’ve observed all these new changes in the weather, climate, and what it’s doing to our subsistence resources and now we can obtain the science to show the western science side that our knowledge is accurate and useful.

In the proposal it states that the expected outcomes are as follows:

Igiugig Village is prepared and has a plan to mitigate issues related to the changing environment. The completed Adaptation Assessment will identify risk and strategy to mitigate any damage. Assets are prioritized. Additionally, the capacity of our tribe will have increased greatly. Igiugig Village will have an Adaptation Plan that is mitigation focused action and will anticipate change, plan for a response, plan for monitoring, and reduce risk through training and advocacy.

To form this adaptation plan it needed to include everyone from the community. We had monthly meetings to address what is important to us and what climate hazards are and can impact our community. We then prioritized what we wanted to focus on and that helped us with the next task, explained below.

In June we partnered with Scenarios Network for Alaska and Arctic Planning (SNAP) at the International Arctic Research Center at the University of Alaska. They will provide climate modeling and interpretation of data to be added to the end product, the Igiugig Adaptation Assessment Project. I’m excited to work with them and eager to find out what is in store for Igiugig as well as the Lake Iliamna area.

I would like to thank Bureau of Indian Affairs Tribal Resilience Program for giving us the opportunity to create an adaptation assessment. By the end of this grant we will have a strategy to address the changing climate and to be better prepared for an uncertain future.

## **Igiugig Receives BIA Travel Support Grant**

In addition to the resilience grant, BIA Tribal Resilience Program awarded Igiugig \$9,178.00, a travel support grant to attend trainings and workshops to help us build capacity and to give us the tools and resources to form an adaptation assessment. It has also been a great way to network and build relationships across Indian country and the nation that are important moving along in this process.

With the funding we were able to send Alexanna and I to Alaska Forum on the Environment which is always a great forum to attend. I was also able to attend the National Adaptation Forum in Madison, Wisconsin where I was able to create relationships with multiple tribal nations from the lower 48. They are doing amazing resiliency work and I am just inspired every time I am around the amazing tribal leaders from all over the nation. We originally just had funding for those two trainings since Karl Hill was supposed to come with me to the NAF but he didn't so we had some funding left. I heard about the Tribal Climate Camp while at the NAF as well as met Don Sampson and Peggy Harris of Affiliated Tribes of Northwest Indians and host tribe, Mike Durgalo Jr. from the Salish and Kootenai Tribes of Montana who helped put the camp together. They invited me at the last minute and I am just grateful that I met them. There was enough funding for just myself to go but Igiugig Village Council was able to send Tess Hostetter with me, as well. She is a great asset to have while working on this grant.

These trainings, workshops and forums have helped us build capacity, helped us on our adaptation assessment and we've built lasting relationships with people across Indian country. It was amazing to see what other people from around the country are doing to adapt from the changing environment. I'm very grateful for the opportunity to travel, to continue to learn and bring that information back to the community.



Three seagull eggs in a nest

### **Summer Seagull Eggs**

Told by Ruth, Olivia, and Mavrik ages 4-5

At the beginning of summer, we go hunting for seagull eggs. We go fast in a boat to an island.

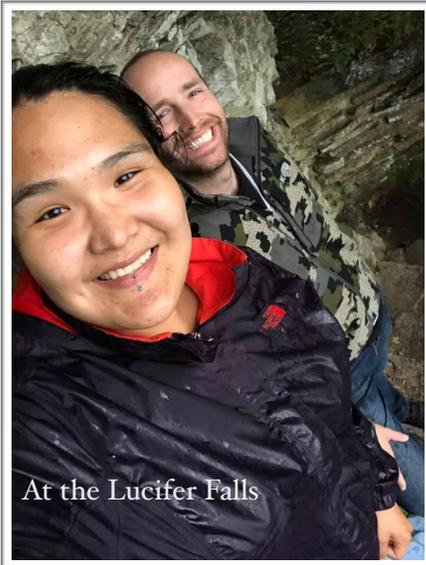
It is rocky and grassy. We see the birds flying and hear them "Ca-ca-ca!" We walk carefully and look for eggs. We look and look. My Galusi shows me three in a little dip because I can't see them at first. They are camouflaged. They are green and brown with black spots. We only take one, to be nice to the seagulls. We have little baskets with grass in them. The grass makes the baskets good so the eggs won't crack.

When we get tired, we stop for a little while and eat cookies and juice. Then we keep looking.

When we find eggs, we say, "Ohhh!" and we want to keep them. We fill up a big bucket with eggs. Auntie boils some of them when we get home. They taste soft and good!

# Pennsylvania Trip!

By Alicia Zackar



At the Lucifer Falls

In May I had the amazing privilege of traveling to Levi's hometown - Covington, Pennsylvania. I got to meet his wonderful family, and explore his old home. We travelled all over the east coast area. His family lives and works on a farm, and my favorite part about that was milking the goats. A couple of days into our visit we drove from Covington to D.C. to get Taty, Seth, and Linda, so they could visit the farm also. It was a good drive, and the kids seemed to love the farm. Brian (Levi's dad) took the kids on a tractor to give the cows feed. Taty and the kids stayed for one night. We drove them back to D.C the next day and we toured the zoo and the monuments. After that, we had a couple days in Covington; we explored his hometown and the towns next to it. We had been planning to road trip to and from Florida to go to Disney World and Universal Studios, but we ended up taking Levi's grandpas truck to

Georgia. We took the truck all the way to Florida first. It was SO HOT, I got sunburnt pretty badly, but it was worth it. Our first full day there we went to Disney World, which was amazing- we went on a ton of rides and my favorite thing about our day at Disney was the fireworks. They were the best fireworks I've seen in my life, and I hope to watch them again someday. The next day we went to Universal Studios. Levi and I both agreed that Universal was more for adults than Disney. There were bigger and more fun rides, and Harry Potter world is there...so I loved it. My favorite thing about that day was the rides. After our Florida trip, we headed to

Georgia to drop off Levi's grandpa's truck, while there we visited with Levi's auntie and spent the night at his grandpa's house. We left Georgia and went back to Covington. We only had about a week left and Levi wanted to show me Niagara Falls, which were beautiful. That same day, we were looking for something else to do and Levi started driving to a surprise, and it ended up being this place called the Kinzua Bridge State Park. The little park, way out in the middle of the woods, was stunning and breathtaking !! The story is that this bridge was a railroad track and a cyclone came through it and completely destroyed the middle part of it, so they fixed up one side and made it into a look out. In the middle of the look out, there is a glass floor. Looking straight down 300 feet, I got up the courage to stand on it, I felt so scared, but proud of myself for doing it. The next couple of days were spent at the farm, and the day before we were scheduled to leave we went hiking in the pouring

rain, but even that was fun. My favorite thing about this trip was, getting engaged! On our way to Florida we camped in mountains, and on May 18<sup>th</sup> Levi asked me to be his wife. Of course, I said yes! Our wedding is going to be on October 5<sup>th</sup>, 2019!



Kinzua State Park



ORPC is proud to announce the launch ceremony of its commercial RivGen<sup>®</sup> Power System at Igiugig, Alaska. The community of Igiugig and the ORPC team are very proud to be able to celebrate this major milestone in making this innovative, new, sustainable energy solution available to remote river communities in Alaska and around the world.

It gives me great pleasure to invite you to join me for the RivGen<sup>®</sup> celebration and tour in Igiugig on Tuesday, July 16. The commercial RivGen<sup>®</sup> Power System will be installed a few days after the ceremony under a FERC pilot project license issued to the Igiugig Village Council, the first such license granted to a tribal entity in the U.S. The license allows up to two devices in the system, which would reduce Igiugig's diesel use by 90%. It is intended to operate for the 10-year term of the FREC license.

*“This license is the culmination of many years of commitment by the citizens of Igiugig to advance goals for renewable, sustainable energy. We are pleased to be working in partnership with ORPC on long-term solutions to our energy challenges.” AlexAnna Salmon, President, Igiugig Village Council*

The July 16 tour and launch ceremony will be 6 hours in length, departing from and returning to Anchorage. Susy will accompany guests, flying by private charter air service to Igiugig. We will spend 2-3 hours on the ground for the ceremony, viewing the RivGen<sup>®</sup> device, touring Igiugig village and power plant infrastructure, visiting the RivGen<sup>®</sup> project site on the Kvichak River, and enjoying lunch together.

To make this unique opportunity possible, ORPC is working with local air carriers to secure the lowest possible charter cost. The tour will be filled on a first come, first served basis. The Village of Igiugig and ORPC look forward to visiting with you in Igiugig! Best regards,

*The Igiugig Hydrokinetic Project is supported by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) under the Water Power Technologies Office Award Number DE- EE0007348 and private investors.*

## RivGen<sup>®</sup> Power System

The RivGen<sup>®</sup> Power System generates emission-free electricity from river currents and connects directly into existing remote community grids using smart grid technology. It consists of three major subsystems: shore-side power electronics, mooring system, and turbine generator (TGU) device.

In 2014, ORPC built and operated its RivGen<sup>®</sup> Power System, the Company's first river energy project, delivering power to the remote Alaskan village of Igiugig. We re-installed and operated an updated RivGen<sup>®</sup> Power System in Igiugig in 2015 to demonstrate its latest technology advancements and provided one-third of the community's electricity needs, significantly offsetting their diesel fuel use.

Features:

- Low profile, advanced design cross-flow turbines
- Operates underwater with no visible surface features
- Encapsulated generator specifically designed for leak prevention and long life in subsea operations
- Towable pontoon support structure with “self-deploying/self-retrieving” remotely activated buoyancy system
- Non-linear control system for operating in turbulent conditions
- Optimized drivetrain with minimal friction losses and high reliability
- Improved turbine extraction efficiencies approaching 45%
- Advanced composite materials optimized for performance and component life
- Designed to be deployed by locally available vessels, equipment and contractors.

# Goose Camp 2019



Avery, Shea, Seth, Jon & Danni working with Caelie Butler, learning traditional pottery.



Kids singing: Jon, Jem, Avery, Shea, Danni, June, Luke, Peter, Mav & Olivia



Kids cooking moose meat over their traditional oil lamps they made



Keil and Mr. Gifford



Gathering around the fire



Erika working with clay



Mav loving the herring eggs sent by Liz Medicine Crow, quyana!

## Igiugig Takes on D.C.!

This year's school trip to Washington D.C was a hit. The Igiugig school would like to thank those who donated, they helped make this trip happen.

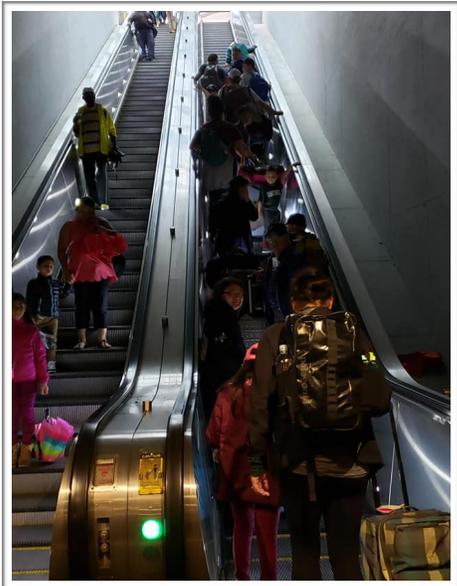
The trip kicked off with a group of 28 people. We took off from Anchorage, to Seattle, a layover in Chicago and finally, Washington D.C.

The group was split into two separate apartment buildings one block away from each other. Each day in D.C, we visited a handful of the Smithsonian museums. On the first day the group was able to meet with the Head Director of The Smithsonian, Kirk Johnson. He gave the group a behind the scenes tour of the museum of (Natural history) where the group looked at ancient native artifacts and archives.

Over the past week we set out to go to different museums such as the National Zoo, Natural History Museum, Air and Space Museum, and the American Indian Museum. We also had a chance to go and visit a number of monuments while in Washington D.C., such as the Lincoln Memorial, Jefferson Memorial, Martin Luther King Memorial, Theodor Roosevelt Memorial, and the Washington Monument.

Overall the trip was very educational and beneficial for the cognitive awareness of our native culture to our youth.

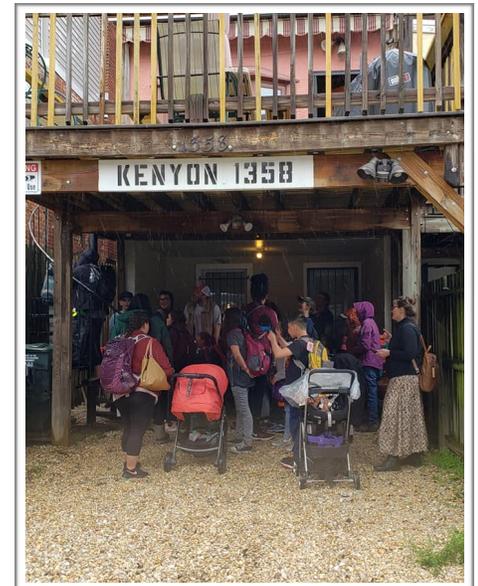
\*below you will find D.C. photo highlights



Exiting the Metro



Julie and Betsy at Anchorage Airport



Gathering under the porch of the first Air B&B

# D.C. Trip Photos



Aiden, Danni, Christina, Jeff, Bea & Keil in front of the White House



Avery, Erika, Danni, Mav, & MacKenzie in front of the Capital Building.



Jon at the Air Space Museum



Dinner in China Town D.C.



With Kirk Johnson



Visiting Lisa Murkowski's Office in D.C.



Kiara and Danni admiring an artifact at the



Smolt Crew 2019: Fewnia, Steve, Dirk, and Taty



Elder Celebration with Dallia, George & Annie



SCF visits Igiugig Health-aides



Shea with Bugs Bunny



Seth holding his fish



Ice Cream party at the Kvichak Lodge, Quyana  
Uncle Mikey



Luke & Addi playing airplane with an excited  
Katia

# ANNOUNCEMENTS

Remember in IGIUGIG We:

- Keep Our Dogs Tied Up or on a leash.
- Turn Off Lights when leaving a public building
- Recycle: #1 (keep caps on bottles), aluminum, glass, tin cans. We also separate batteries and e-waste.
- Do Not Park in front of the hanger or the white trash trailer.
- We compost! Bring it to the greenhouse, please no dairy or meat products.
- Contribute to the newsletter! Send photos, news, important events to Ida @ [igiugignewsletter@gmail.com](mailto:igiugignewsletter@gmail.com)
- Love our village? Join Igiugig Village Info Zone on Facebook if you haven't already.

### *The Store Hours!*

Located by the post office

Monday to Friday: 10:00 am to 5:30 pm

Saturday: 12:00 pm to 4:00 pm *Closed Sunday*

### Important Dates:

July 4th: Independence day

July 4th: Office Closed for Holiday

July 4th: Clinic closed

July 8th to 9th: FREE Veterinary Clinic

July 16th, ORPC Celebration

July 16th to 29th: Camp Fire

## **Library Hours: Summer**

**Monday to Friday**

**10:00 A.M. to 12:00 P.M.**

## **Clinic**

The Igiugig after-hours emergency number is **907.533.6020.**

If there is *no heath aide in the village*, please call the Nilavena Clinic at 907.571.1818 or 907.571.7111 for after-hours emergencies.



Visit us on the web and like us on Facebook  
[www.igiugig.com](http://www.igiugig.com) & <https://www.facebook.com/IgiugigVillage/>



P.O. Box 4008  
 Igiugig, Alaska 99613

First Class Mail

Front Page Photo Credit: Steve Crawford: Peaceful fisherman on the Kvichak River

Back Page Photo Credit: Julie Salmon: Mary O Fish camp ready for salmon

**Igiugig Tribal Council Newsletter**