

Journal #3918 from sdc 6.15.17

Judge Orders Review Of Dakota Access Pipeline In Victory For Standing Rock Tribe

Native American Student Proves Traditional Chokecherry Pudding Is Medicine

Plan Ahead Calendar

It's official: Nevada's getting new state parks

DEPARTMENT OF ENERGY'S TRIBAL DIVISION WEBINAR SERIES

Resources with no Deadlines

Norway plans to spend \$4.4 million to improve or redesign elements of the Global Seed Vault

Climate change is shrinking the Colorado River

Indian tribes, business leaders make their cases in Enbridge Line 3 debate

Oregon Experience: The Modoc War

Judge Orders Review Of Dakota Access Pipeline In Victory For Standing Rock Tribe

BuzzFeed News

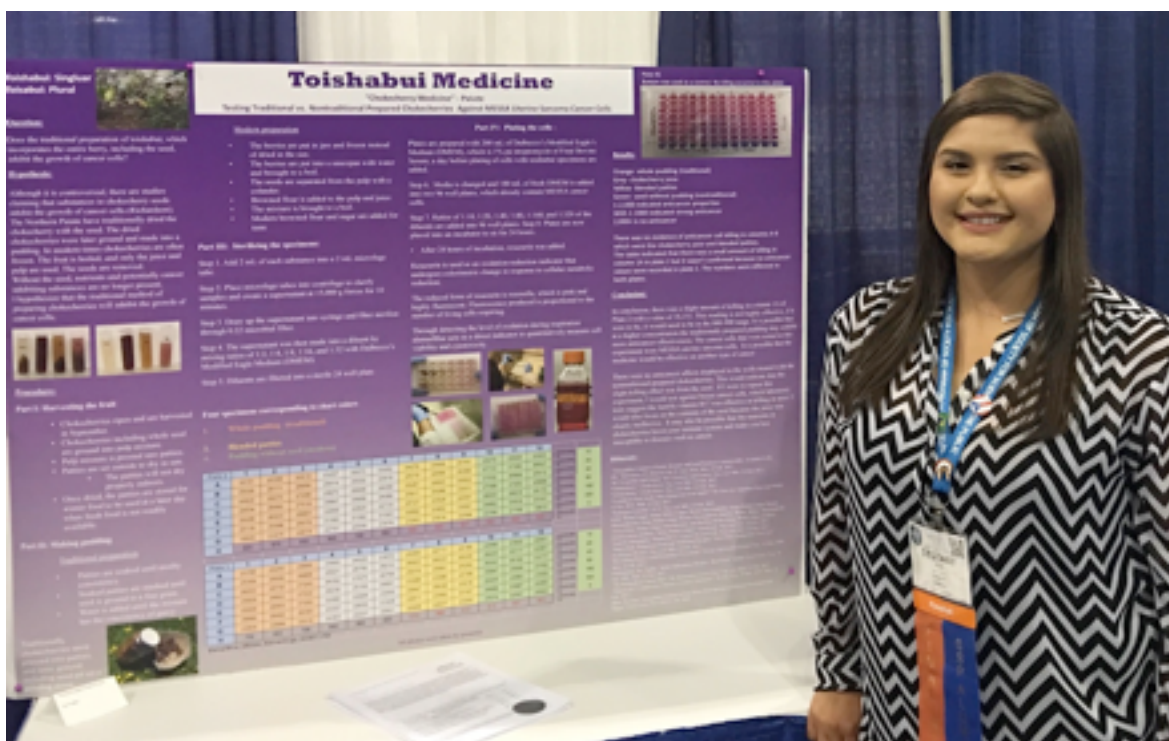
A judge ordered the Army Corps to redo parts of its environmental analysis, saying it could hurt the Standing Rock Tribe's fishing and hunting rights. [Read the full story](#)

“Always with you what cannot be done. Hear you nothing that I say?...You must unlearn what you have learned.... Try not. **Do. Or do not. There is no try.**” — The Empire Strikes Back



[8 Great Life Teachings from Yoda | StarWars.com](#)

Follow these lessons, you should. [starwars.com](#)



Destany “Sky” Pete at the International Science Fair in Los Angeles.

[Native American Student Proves Chokecherry Pudding Is Medicine - Indian Country Media Network](#)

Native American student links science and culture by proving hypothesis that traditional chokecherry pudding is medicine that inhibits uterine cancer cells.
indiancountrymedianetwork.com

[Sarah Sunshine Manning](#) • June 12, 2017

The indigenously treasured chokecherry tree spans the North American continent, from British Columbia to Newfoundland, and down into the northern half of the United States. The vitamin and [mineral-rich](#) fruit of the tree has been a staple among many Native American tribes for millennia, and according to one Native American student’s recent science project, chokecherries wield medicinal properties that extend beyond prior knowledge—in fact, cancer-fighting properties.

High school student, Destany “Sky” Pete, of the Shoshone and Paiute Tribes of the Duck Valley Indian Reservation in Idaho and Nevada, developed interest in the medicinal properties of the chokecherry, which is still harvested and consumed in her community today. Traditionally, the Shoshone and Paiute prepared chokecherry pudding, known as *toishabui*, in the Paiute language.

“The traditional (Shoshone and Paiute) method of preparing chokecherry pudding includes the seed of the chokecherry, crushed up,” Pete, a junior at Owyhee High School in Nevada, told ICMN. “Nowadays, some people just kind of juice the berry and take out the seed completely. But maybe the seed has medicine that can help us to stay well.”

Pete's curiosity concerning the necessity of the chokecherry seed was inspired by a conversation she had with a traditional leader in the community, who stressed that the reason for so many recent illnesses within the tribe was the lack of traditional foods being consumed, and specifically, traditional chokecherry pudding.

Motivated by that conversation, and her passion for science, Pete embarked on an ambitious school science project. She sought out to test the hypothesis, that chokecherries are medicine, and to find answers to a more specific question: Can the traditional preparation of chokecherry pudding, including the seed, inhibit the growth of cancer cells?

To conduct this experiment, Pete's high school science teacher, Dietlinde Dann, connected her with a biochemistry professor at Boise State University, Dr. Ken Cornell, who works with uterine sarcoma cancer cells.

At the university, Pete tested four different specimens of chokecherries by combining them with uterine sarcoma cancer cells, then, allowed a 24-hour incubation period.

Pete found that out of the four different specimens tested, the traditionally-prepared chokecherry pudding specimen had cancer inhibiting properties, while the specimens without the seed, or, with the chokecherry juice, alone, did not succeed at killing the uterine sarcoma cancer cells.

"It was the traditional preparation of *toishabui* with the crushed seeds that had the results," Pete said.

During the 24-hour incubation period, the mixture of *toishabui* and the uterine sarcoma cancer cells resulted in a small amount of cancer cell killing; however, Pete said that a longer incubation period or a stronger dilution could yield stronger results.

"We can also try the experiment on different types of cancer cells in the future," she said. "I really want to do the same test on breast cancer cells."

After the completion of her project, Pete entered into the 2017 Elko County Science Fair in northern Nevada. Impressively, out of over 440 science project entries, Pete was honored with a First Grand Prize award, for linking traditional chokecherry pudding, with the reduction of uterine sarcoma cancer cells.

The prestigious prize earned Pete a \$500 scholarship, and a collection of other awards and accolades from the likes of the Navy and the Air Force. Pete's win also qualified her for the Intel International Science Fair, held in Los Angeles, California, on May 14 -19.

At the International Science Fair, Pete competed against roughly 1,800 other high school students from more than 75 countries. And while she didn't bring home the top prize this time around, Pete was honored to represent her community.

"I'm proud to be Native American," Pete told ICMN. "And I want people to know that science and culture can be represented together."

After high school, Pete hopes to attend [Stanford University](#) and major in biology, then attend the University of California Davis Veterinary School. She hopes to return to the reservation to open up her own veterinarian practice.

“There is so much out there in the world. You can go to college, and do anything, and then come back to your community,” she said.

As for her science project win and the cultural affirming knowledge gained, Pete said, “I feel like our ancestors were really healthy. Nowadays, we’re prone to [diabetes](#) and other diseases. But back then, it was our food that made us healthy.”

To the delight of her community and many other Indigenous Peoples, Pete’s science project affirmed what elders have been saying for generations: Traditional diets, including the esteemed chokecherry and chokecherry pudding, are so much more than food. They are medicine—just don’t forget the seeds.

Plan Ahead Calendar

July 9 - NABI Foundation's College and Career Fair. Ak Chin. For information click [here](#).

July 9-15 NABI Foundation's Basketball Tournament - Click [here for more information](#).

July 11-13 Tribal Housing Self Monitoring Training Phoenix, AZ

Registration: www.naihc.net

July 14 - July 16 [Redbird's Children of Many Colors Powwow](#)

Moorpark College, 7075 Campus Rd. Moorpark, CA 93021

Redbird's Children of Many Colors Powwow, Moorpark College, 7075 Campus Rd., Moorpark. Intertribal family-style gathering; gourd dancing, arts and crafts vendors, educational and community booths, traditional dwellings. Everyone welcome. \$2 donation for parking, no admission fee. [Find out more »](#)

July 16-25 NATIVE YOUTH IN AGRICULTURE SUMMER LEADERSHIP SUMMIT Univ of AR

The University of Arkansas Indigenous Food and Agriculture Initiative is excited to announce the 4th annual HYPERLINK "<https://law.uark.edu/service-outreach/youth-summit.php>" [Leadership Summit for Native Youth in Food and Agriculture](#). Last year, nearly 100 Native American, Alaska native and Native Hawaiian students representing 51 tribes converged on the University of Arkansas School of Law for a unique 10-day leadership summit to learn how food and agriculture policy impacts their tribal communities. All food, lodging, instructional materials and field trip costs will be provided. Depending on the number of students, some travel scholarships will also be provided. However, please submit your application as soon as possible to plan for travel needs. Download applications for the 2017 summit: *(didn't do it? try next year)*

HYPERLINK "<http://indigenousfoodandag.com/wp-content/uploads/2016/10/Application-for-First-Time-Students-2017.pdf>" [First-year students](#) (Deadline: April 11, 2017)

HYPERLINK "<http://indigenousfoodandag.com/wp-content/uploads/2017/01/Fellow-Application-2017.pdf>" [Student Fellows](#) (returning students) (Deadline: April 11, 2017)

HYPERLINK "<http://indigenousfoodandag.com/wp-content/uploads/2017/01/Application-for-Student-Leaders-2017-Final.pdf>" [Student Leaders](#) (counselors) (Deadline: March 11, 2017)

July 17-19 Executive Director Refresher Course
Trainer: Rodney Clements

Albuquerque, NM

July 18-21 - 18th Annual Summer Institute. ASU's Center for Applied Behavioral Health Policy. Hilton Sedona. For information click [here](#).

July 26-27 Procurement and Contract Management Training Sioux Falls, SD

Trainer: Christine Dennis

Registration and Event Information: <http://newregistration.firstpic.org/proccm/>

[index.php](#)



The six women who embroidered the names of the People who served in World War II on a tapestry in background. (l-r) Daisy Plummer, Edna Jones, Lena Murphy, Irene Johnson, Ina Sharp, Mary Greeley. (courtesy Edna Jones Collection)

August 8-10 Admissions, Occupancy & Maintenance Training Albuquerque, NM
Trainer: Sonia Key/Cielo Gibson
Registration and Event Information: <http://newregistration.firstpic.org/eao/>

August 13-17 - 49th Annual Southwestern School for Behavioral Health Studies Conference. JW Marriott, Tucson. For information click [here.](#)

Aug. 14-17 2017 Tribal Lands & Environment Forum Tulsa, OK
Registration is Now Open for the 2017 TLEF! For Registration and more info., visit http://www7.nau.edu/itep/main/Conferences/confr_tlef

Aug. 15-17 2017 American Indian and Alaska Native National Behavioral Health Conference Tulsa, OK
Fostering Resilience Through Celebration of Tribal Best Practices. The AI/AN National Behavioral Health Conference features nationally recognized speakers, behavioral health care providers, Tribal leaders, and health care officials committed to addressing emergent behavioral health topics in Indian Country. The conference attracts presenters and participants from across the country who want to share their research and promising practices, while providing opportunities for professional development, collaboration, and networking. For information click [here.](#)

August 22-24 - Incorporating Public Health Skills to Improve Quality of Life: Examples from Native American Food Systems. Western Region Public Health Training Center, Virtual Conference. Self paced online learning. For more information click [here.](#)

August 23-24 - Community Health Representatives Policy Summit III. Arizona Advisory Council on Indian Health Care. Cliff Castle Casino, Camp Verde. For more information click [here.](#)

August 28-29 - First Things First Early Childhood Summit and Read On Arizona Literacy Summit. Phoenix Convention Center.

August 28-30 - Arizona's 17th Annual Transition Conference. Ready to Launch! Countdown to Success. Talking Stick Resort, Scottsdale. Youth & family scholarships. For information click [here.](#)

August 29-31 - Mending the Sacred Hoop: 2nd Annual Tribal Governments Program. Explore key issues and share promising practices in addressing violence against women in Native communities and will offer training and workshops to assist with program/project implementation. St. Paul, MN. For more information click [here.](#)

August 31, 2017 Invited Proposal: - Regional Conservation Partnership Program (USDA)

Maximum of \$10MM available for 170 awards - - This U.S. Dept. of Ag. program seeks to co-invest with partners in innovative, workable & cost-effective approaches to benefit farming, ranching, & forest operations, local economies, and the communities and resources in a watershed or other geographic area. Partnering organizations design, promote, implement, and evaluate the project outcomes. GENERAL ELIGIBILITY REQUIREMENTS: Agricultural or silvicultural producer associations or other groups of producers; States or units of local government; Indian Tribes; farmer cooperatives; water districts, irrigation districts, rural water districts or associations, or other organizations with specific water delivery authorities to agricultural producers; municipal water or wastewater treatment entities; institutions of higher education; & organizations/entities w/established history of working cooperatively w/producers on agricultural land. <https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/farmbill/rcpp/?cid=nrcseprd1309629>

Sept. 7-9 IHS 2017 AI/AN ZERO SUICIDE ACADEMY Albuquerque, NM

The Indian Health Services Federally-operated facilities; Tribally-operated facilities; and Urban Indian organizations are invited to apply for this 2 ½ day event designed for senior leaders of Indian/Tribal/Urban health and behavioral health care organizations that seek to reduce suicides among patients in their care. Using the Zero Suicide framework, participants learn how to incorporate best and promising practices into their organizations and processes to improve care and safety for individuals at risk. Zero Suicide faculty provide both interactive presentations and small group sessions, and collaborate with participants to develop organization-specific action plans. **The deadline to apply is May 15, 2017. For more info., and to apply, click** https://www.facebook.com/photo.php?fbid=1083609868450626&set=a.109171192561170.16071.100004048700845&type=3https://www.facebook.com/photo.php?fbid=1083609868450626&set=a.109171192561170.16071.100004048700845&type=31901http://r20.rs6.net/tn.jsp?f=0017MVTMIJE8od7MoF-0EabmBP6_sMJnO-Bz1vqJUO1uMsD8MvRJRwSk30sCdk0DKDKy8Yu7LfXQlu7xu69f4OLFTgDGvwm0Hs2dmzxpU4vsr8eaujoWr-A27LVBm1lddIV1AhljxP_oLpTK4He7E9C6bv7cZj15FEDlLajnmQGIp-flYz4HhR7HqiHs5fG-jELkRo86lYQNY=&c=38-AO_VjeADFEUaOmdFRZyPc6m5TH9BaSkiYKRxeuOTaiY3TLjIQ_dQ==&ch=tD9y1s5OX8UPRRjifZ0ipTeRi_mJ4IK9QQ0W6DsrXr67nzJLagGtig==

Sept. 12-14 Designing and Using a Tribal Solid Waste Management Plan Mayetta,

KSITEP is working with the Prairie Band Potawatomi Nation on a training course that will help attendees design (or update) and use a Tribal Solid Waste Management Plan. This course will feature lectures on the five critical elements of a Tribal SWMP, small group activities, discussion, and an extensive tour of the Prairie Band Potawatomi Nation's solid waste facilities and activities. This training will give attendees an excellent opportunity to see the Tribe's equipment, tour buildings, and discuss routes, financing, and waste diversion with Tribal staff to make better plans for their own Tribe. Will also talk with other Tribal staff about the role played by the judiciary and how solid waste management can be connected to Tribal cultural preservation projects. Access the course application at HYPERLINK "http://www7.nau.edu/itep/main/Training/training_waste" http://www7.nau.edu/itep/main/Training/training_waste.

September 18-20 - 2nd Annual Conference on Native American Nutrition.

Mystic Lake Casino, Prior Lake, MN. For information click [here](#).

Sept. 19-20 Tribal Housing Admissions & Occupancy Billings, MT

HUD's Office of Native American Programs FREE training. For more info., and to register, visit
HYPERLINK "<http://newregistration.firstpic.org/eao/>" <http://newregistration.firstpic.org/eao/>

Sept. 19-21 Low Income Housing Tax Credits (NAIHC) Chicago, IL

For more info, agenda, and to register, visit www.naihc.net

Sept. 25-29 National Tribal Transportation Conference Tucson, AZ

More information is available at <http://www.ttapnttc.com/>

September 19-20 Admissions and Occupancy Training Billings, MT
Trainer: Christine Dennis Registration and
Event Information: <http://newregistration.firstpic.org/eao/>

September 19-21 - 2017 Diabetes in Indian Country. Albuquerque, NM.

For more information check the [website](#).

September 28 - Supportive Collaborations with Native and Non-Native Partners
Addressing Domestic and Sexual Violence: A Gathering of Reconciliation and
Moving Forward. Southwest Indigenous Women's Coalition. Phoenix.
For information call Kristine at (877) 535-6166 or email [her](#).

Sept. 30 FWS Coastal Program

The Fish & Wildlife Service (FWS) funding provides direct technical assistance and financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. Projects should specify benefits for species and habitats considering the expected effects of climate change. FWS will favor conservation activities & projects that incorporate ecosystem adaptation and help coastal ecosystems & communities adapt to the effects of sea level rise & greenhouse gases. More info. HYPERLINK "<http://lists.icfwebservices.com/t/244201/2084960/22319/36/>" [here](#).

October 9-10 - 27th Annual Arizona Indian Council on Aging Conference. We-Ko-Pa Resort and Conference Center, Fountain Hills, Arizona. Inter Tribal Council of Arizona, Inc., Area Agency on Aging, Region 8.

November 1 - 2nd Annual Native American Women's Conference, "Women with Purpose!" Prescott Resort and Conference Center in Prescott. For more information call (623) 561-6838.

November 1-3 - 14th Annual "Fatherhood is Leadership" National Conference. Native American Fatherhood and Families Association. Ft. McDowell, Arizona. For information call (480) 833-5007.

It's official: Nevada's getting new state parks Walker River State Recreation Area will cover 12,000 acres rgj.com

DEPARTMENT OF ENERGY'S TRIBAL DIVISION WEBINAR SERIES

- ☒ Expanding Tribal Energy Development through Partnerships Webinar: Powering Your Community with Tribal Energy, **July 26, 2017 11:00AM to 1:00PM MDT**
- ☒ Expanding Tribal Energy Development through Partnerships Webinar: University Resources for Tribal Energy Partnerships, **August 30, 2017 11:00AM to 1:00PM MDT**
- ☒ Expanding Tribal Energy Development through Partnerships Webinar: Fundamentals of Organized Energy Markets for Tribes, **September 27, 2017 11:00AM to 1:00PM MDT**
- ☒ Expanding Tribal Energy Development through Partnerships Webinar: Tribes Working Together, **October 25, 2017 11:00AM to 1:00PM MDT**
- ☒ Expanding Tribal Energy Development through Partnerships Webinar: Partnerships for Utilities and Tribes Initiative, **November 29, 2017 11:00AM to 1:00PM MST**
- ☒ Expanding Tribal Energy Development through Partnerships Webinar: Economic Market Potential on Tribal Lands and Interactive Tools for Assessments, **December 13, 2017 11:00AM to 1:00PM MST**



Resources with no Deadlines

Broadband Loans & Loan Guarantees (USDA)

Open

The Rural Broadband Access Loan & Loan Guarantee Program (Broadband Program) furnishes loans and loan guarantees to provide funds for the costs of construction, improvement, or acquisition of facilities and equipment needed to provide service at the broadband lending speed in eligible rural areas. For more info. on other programs administered by Rural Utility Service (RUS) Telecommunications visit: <http://www.rd.usda.gov/programs-services/all-programs/telecom-programs>

Emergency Community Water Assistance Grants (USDA-RD)

Program helps eligible rural communities recover from or prepare for emergencies that result in a decline in capacity to provide safe, reliable drinking water for households & businesses.

Federally recognized Tribal lands and Colonias are eligible; Privately owned wells are not eligible. • Up to \$150K for repairs to breaks/leaks in existing water distribution lines, & related maintenance. • Up to \$500K for construction of a new water source, intake &/or treatment facility or waterline extensions. <http://www.rurdev.usda.gov/UWP-ecwag.htm>

USDA WATER & WASTE DISPOSAL LOANS & GRANTS

[Water and Waste Disposal Loan and Grant Program](#) provides loans and grants for clean and reliable drinking water systems, sanitary sewage disposal, sanitary solid waste disposal, and storm water drainage to households and businesses in rural areas with a population of 10,000 or less. In some cases, funding may also be available for related activities such as legal and engineering fees, land acquisition, water and land rights, permits and equipment and other activities necessary to complete a project. Eligible Applicants: state and local governmental entities, private non-profits, and federally-recognized tribes who are unable to obtain commercial credit. How to Apply: apply now by using the online application tool "

Financial Literacy Funding

- HYPERLINK "[Discover Foundation](#). Applications accepted year-round.

(Do remember, the 2017 Legislature passed a bill requiring financial literacy to be taught. sdc)

Environmental Infrastructure Loan Program (RCAC)

Rural Community Assistance Corporation's (RCAC) Environmental Infrastructure Loan Program helps create, improve or expand the supply of safe drinking water, waste disposal systems and other facilities that serve rural communities. RCAC's loan programs provide the early funds small rural communities need to determine feasibility and pay pre-development costs prior to receiving state &/or federal program funding. May also provide interim construction financing, and intermediate & long-term loans for system improvements. ELIGIBLE APPLICANT: Nonprofit organizations, public agencies and tribal governments. ELIGIBLE AREA: Projects must be located in rural areas with populations of 50,000 or less in Alaska, Arizona, California, Colorado, Hawaii and other pacific islands, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. Community size is limited to 10,000 for long-term USDA guaranteed loans and short-term loans for which USDA is the long-term lender. ELIGIBLE

PROJECTS: Eligible projects include water, wastewater, solid waste & storm water facilities.
For more info., contact Mike Carroll at mc Carroll@rcac.org or visit www.rcac.org

Norway plans to spend \$4.4 million to improve or redesign elements of the Global Seed Vault in Svalbard to protect it against intrusions of water from melting permafrost. “A group will investigate potential solutions to counter the increased water volumes resulting from a wetter and warmer climate on Svalbard,” the government said. *Guardian*

Climate change is shrinking the Colorado River The Conversation US
Four short years later, they had lost enough *water* to supply *California* its legally apportioned share of Colorado River *water* for more

Indian tribes, business leaders make their cases in Enbridge Line 3 debate

A public hearing in St. Paul on Tuesday sought public input into the replacement of the pipeline that wends across northern Minnesota. <http://strib.mn/2rfdNR6>

Did y'all get a chance to see the Hoop Dancer on "Little Big Shots" Wednesday night? *sdc*

Graduation congratulations to Rondi Quasula (from Northwest Indian College).

Congratulations to Kylee Stevens-Sam. Spanish Springs graduate, brains, beauty, and an athlete all rolled into one. Clancey Harry



Yellowstone Traffic
6.14.17

Oregon Experience: The Modoc War

Oregon Experience: The Modoc War examines one of the most dramatic American Indian wars in U.S. history. The Modoc War began in November 1872 when the milita... [youtube.com](https://www.youtube.com)