

Journal #4162 from sdc 5.23.18

The Wa She Shu Casino Opens

Grants

Big Chicken

Urban Seed

About Native Knowledge 360°

Job Opportunities

GRACE-FO Will Help Monitor Droughts

M. Kaku reveals how a simple test using marshmallows can predict how successful you can become

Dock-free bike share coming to Colony



**The Wa She Shu Casino Crew -
The public Grand Opening is Thursday May 26th.**

The best of luck, WIN BIG!

Grants

Open = <https://www.justice.gov/opa/pr/justice-department-announces-funding-opportunities-tribal-communities>" Justice Department Announces Funding Opportunities for Tribal Communities

Open - 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 [RDApply](#).

Open - Rural Broadband Loans & Loan Guarantees (USDA)

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>

Open - Financial Literacy Funding

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

Open - 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>

Open = Indian Land Tenure Foundation - Land Recovery Efforts

The Foundation provides funding to Indian nations to support various aspects of land recovery with a focus on reacquiring alienated federal lands. Returning lands to Indian ownership and control is important to ensure that Indian people have access to the financial and natural resources within their own reservations. The Foundation supports a variety of initiatives to assist tribes in the development of plans to reacquire reservation lands. More info. at: <https://www.iltf.org/grants/special-initiatives/land-recovery-efforts>

[America Versus](#) posted a new episode on [Facebook Watch](#). A majority of the world can speak a second language. More Americans should consider becoming bilingual too.

Today's selection -- from *Big Chicken* by Maryn McKenna.

In 1948, Dr. Thomas Jukes was a researcher trying to identify which vitamins had to be added to chicken feed to allow birds to thrive on a manufactured diet:

"Jukes was ... interested in what chickens needed to eat in order to thrive in confinement -- and by an accident of history, that question was even more important than it had been 15 years earlier. World War II had spurred such demand for protein that production of chicken almost tripled, rising to more than one billion pounds of chicken meat per year. But when the war ended, the poultry market that it had guaranteed collapsed. Producers, forced to cope with more chickens than they had demand for, struggled to cut their costs. En masse, they switched their birds' diet from vitamin-rich fishmeal -- ground-up anchovies netted off the southern California coast -- to much cheaper soybeans. Chickens did not do well on soybeans, though. They grew slowly, and the eggs that hens laid were thin-shelled and did not hatch. Even when vitamins were added into their feed, as Jukes had learned to do in his first job, the birds did not thrive. People talked about needing to add a nutritious boost, an 'animal protein factor.'

Thomas H. Jukes

"Then Merck & Company, a Lederle rival, announced its researchers had found it. Merck was making streptomycin, ... brewing it out of *Streptomyces griseus*, the bacterium he had harvested from the manured patch of soil near the Rutgers University campus. Merck researchers said that a by-product of the brewing process made chickens do better, even when they were fed the low amounts of protein now present in conventional feed. Earlier in the century, researchers had identified and learned how to synthesize vitamins: B2 B3, B5, B6. Merck's scientists identified their new compound as the last in that series: vitamin B12.

"Jukes wondered if Lederle's own bacterium -- *Streptomyces aureofaciens*, the source of Aureomycin and a distant relative of the species the Merck scientists used -- could perform the same trick. That was what brought him to his office on Christmas morning, on a mild, dry day with just a dusting of snow. A few weeks earlier, he had set up an experiment to test whether Lederle possessed an animal protein factor of its own. Today he would find out. ...

"Christmas Day was the 25th day since the chicks had hatched, the point where Jukes had determined he would weigh them and assess the experiment. ...

"Then he moved to the pens containing the chicks that had been given the antibiotic discards. He had dosed them at four different levels, so much mash per kilo of feed. He weighed the four groups, averaged the weights within each of them, recorded the numbers, and looked. And then looked again. The birds that had gotten the highest dose of Aureomycin were the heaviest in the room. They weighed 277 grams, almost 10 ounces: two and a half times the control chicks' weight, a third more than the chicks receiving Merck's B12, and a quarter more than the chicks receiving the liver extract, an expensive ingredient that no farmer could afford.

"The chicks had gotten to that weight with the help of 60 grams of the mash containing a trace amount of Aureomycin. Sixty grams is two ounces, and two ounces is nothing: a handful of pennies, two slices of bread, an egg. Yet that tiny weight would exert enough force to alter the entire structure of agriculture -- and affect land use, labor relations, international trade, animal welfare, and the diet of most of the world."

[Sign Up Here](#)



[UNILAD Tech](#)

Denmark just put another nail in the coffin for fossil fuels



Urban Seed Is Sprouting Fresh Ideas About Local Food

[Conversations](#) May 10, 2017 By [Diana Edelman](#)

It was less than a year ago that Las Vegas was introduced to Urban Seed, an urban-farming concept that seemed—at best—far-fetched in the desert.

But [Urban Seed](#) has planted roots, literally and figuratively, since. “We wanted to make sure we spent a lot of time educating chefs, partners and the community about our capabilities and the way we are growing food,” says Rachel Wenman, a co-founder and vice president of Urban Seed.

The company aims to be a sustainable-food provider in the industry, ensuring the chef community receives only the best produce. While building its facilities are underway this spring, Urban Seed is working to get its message to the public by planning tastings to introduce people to the food grown using hybrid aeroponics, the process of growing plants vertically in a fog environment. With 42,000 square feet of grow space, Urban Seed believes its model can yield the highest crop per square foot in the industry and change the way Las Vegas grows and consumes produce.

Urban Seed Inc.

Construction on the first two (of six) boutique greenhouses located on a patch of land on Wynn Road has begun. Urban Seed expects to produce more than 25 varieties of fruits and vegetables, including lettuce, spinach, radishes, peppers, beets, basil, mint and more. It's working with seed distributors that are non-GMO, pesticide-free and chemical-free. Eventually, the goal is to use its own homegrown seeds.

As the temperature heats up, Wenman expects good things as the first large-scale farm producing fruits and vegetables in Las Vegas takes shape.

“What’s been really neat as a native Nevadan has been to watch the culinary community and the whole Las Vegas community come together, seeing how obsessed and hungry they are for fresh food,” she says. “The response from chefs and the community has been overwhelmingly positive, motivating and inspiring.”

To date, Urban Seed has secured major partnerships, including plans to provide its first harvest to spots such as Mina Group restaurants, Batali & Bastianich Hospitality Group restaurants, Top of the World, DW Bistro, Border Grill and off-Strip restaurants including the soon-to-open Sparrow + Wolf.

The company has also been busy with the launch of Urban Seed Foundation, which focuses on working with community partners to relieve hunger needs and food deserts in Nevada.

Diana Edelman aims to make living a vegan lifestyle in Las Vegas accessible to everyone. Check out the latest vegan news (and find out where to eat) on her website, VegansBaby.com.

About Native Knowledge 360°

Native Knowledge 360° (NK360°) provides educators and students with new perspectives on Native American history and cultures. Most Americans have only been exposed to part of the story, as told from a single



perspective through the lenses of popular media and textbooks. NK360° provides educational materials and teacher training that incorporate Native narratives, more comprehensive histories, and accurate information to enlighten and inform teaching and learning about Native America. NK360° challenges common assumptions about Native peoples—their cultures, their roles in United States and world history, and their contributions to the arts, sciences, and literature. NK360° offers a view that includes not only the past but also the richness and vibrancy of Native peoples and cultures today.

Essential Understandings about American Indians

The National Museum of the American Indian (NMAI) Essential Understandings are an educational framework of key concepts based on the ten themes of the National Council for the Social Studies standards. They serve as a foundation for educational materials developed by the NMAI. In addition, educators, curriculum developers, administrators, and others can use these Essential Understandings to conceptualize new curricula, lessons, and learning activities. This framework can lead students everywhere to new knowledge about American Indians as historical and contemporary people with diverse cultures and roles, namely as diplomats and leaders, civic engineers, orators, scientists, agriculturalists, participants in global events, and much more.

[READ THE ESSENTIAL UNDERSTANDINGS ABOUT AMERICAN INDIANS](#)

New Materials for Teachers and Students

This NK360° online lesson explores the vast scope of removal and its effects on Native Nations.

The NMAI is creating new online educational materials that embrace a richer and more inclusive discourse about American Indians. The NMAI uses innovative technology and media to engage students and enhance their learning. Mindful of today's classroom demands and priorities, the NMAI creates materials of a manageable scope that directly address Common Core, social studies, and other standards. NK360° lessons are scaffolded and student-based, engaging students with compelling questions and explorations of new ideas. NK360° materials reflect the NMAI's newest exhibitions and world-class collections while highlighting some of the most relevant and crucial stories from the histories and contemporary lives of Native peoples. Created in collaboration with Native communities themselves, NMAI resources bring the Native voice directly into the classroom. NK360° offers teachers and students of various grade levels a rich selection of geographically and culturally diverse resources from which to choose.

[EXPLORE THE EDUCATIONAL MATERIALS](#)

Professional Development for Teachers

The NMAI's goal is to build a nationwide network of master teachers, trainers, and advocates for improved teaching and learning about American Indians. The NMAI is currently developing online and in-person platforms for professional development. Teacher Training Institutes are the centerpiece of the NMAI's professional development opportunities. The Institutes are hosted in Washington, D.C., and around the country, featuring interactions with the NMAI's educators, scholars, world-class collections, and exhibitions along with experts from Native communities. Teachers learn foundational concepts for understanding and teaching about American Indians. They are immersed in the NMAI's newest instructional resources and have opportunities to create new materials specifically for their own classrooms. After participating in multiple

Institutes, teachers will be eligible for certification as NMAI Master Teachers and Trainers. Over time, the network of Master Teachers will grow and increase the use and impact of new resources developed by the NMAI.

In the future, the NMAI will offer a variety of additional online opportunities for teachers to develop their expertise, including webinars, online courses, social media, teaching demonstrations, and opportunities to share their favorite lessons with other teachers. To maintain regular communication with teachers, the NMAI also offers a quarterly teacher e-newsletter with important information, teaching resources, and professional development opportunities.

[SEE PROFESSIONAL DEVELOPMENT OPPORTUNITIES](#)

National Advocacy and Partnerships

NK360° is aligned with the work of many Native Nations, states, and organizations that share a common goal of improving teaching and learning about American Indians. By supporting collective efforts and engaging in creative collaborations with like-minded organizations, the NMAI seeks to elevate the national dialogue and accelerate change on this important educational issue. At national and regional conferences, through symposia, scholarly publications, and media presentations, the NMAI adds its voice to the cumulative call for new and more effective approaches to education about American Indians. The NMAI's objective is that these efforts will result in a better-educated American public—one with an increased understanding of the complexity, diversity, and relevancy of Native peoples. Most important, Native youth themselves will no longer have to question why their stories are absent from their education.

Job Opportunities

[NUTRITION CARE MANAGER](#)

[Carson Tahoe Health](#) - - Carson City, NV

On Site **Education** & Certification Programs. Amazing array of **outdoor** activities including world class skiing, golf, camping, mountain biking, hiking, water...- [save job](#)

[Outdoor Education Instructor](#)

[Camp Echo Lake](#) - - United States

Camp Echo Lake is currently looking for **Outdoor Education** Instructors to join their 2018 summer team. If you have experience with working with children, love...- [save job](#)

[Outdoor Education Residential Youth Counselor- Relocate to F..](#)

Eckerd Connects - United States

Eckerd Connects is seeking an **Outdoor Education** Residential Youth Counselor*. **Outdoor education**/working with youth:... [save job](#)

[Arborist Apprentice](#)

American Arborists Ltd. - Reno, NV 89509 \$17 - \$20 an hour

Education, memberships, and certification reimbursements. We are looking for an individual who is passionate about the **outdoors** and the field of arboriculture...- [save job](#)

Nevada Outdoor School Summer Naturalist

AmeriCorps - Nevada

Education , Children/Youth , Environment . Environment , General Skills , Education , Team Work . Education award upon successful completion of service ,...**save job - more...**

Nevada Outdoor School Elko Summer Naturalist

AmeriCorps - Nevada

Education , Children/Youth , Environment . General Skills , Environment , Team Work , Education . Stipend , Training , Childcare assistance if eligible ,... save job - more...

Summer Naturalist

Nevada Outdoor School - Winnemucca, NV 89445 +1 location

Education Award upon successful completion of service of \$1230. Summer Naturalists Northern Nevada deliver and assist with planning and coordination of all...- **save job - more...**

FNW Southern Nevada Stewardship and Outreach Assistant

AmeriCorps -- Nevada

Training , Stipend , Childcare assistance if eligible , Education award upon successful completion of service- save job - more...

Golden Nugget Las Vegas Internship Program - Summer 2018

Las Vegas, NV

EDUCATION and/or EXPERIENCE:. Working indoors and outdoors in various weather conditions and temperatures at all times.... Landry's Inc. - save job - more...

Golden Nugget Las Vegas Internship Program - Summer 2018 - Las Vegas,

NVEDUCATION and/or EXPERIENCE:. Working indoors and outdoors in various weather conditions and temperatures at all times....save job - more...

Sales Associate

Patagonia, Inc -- Reno, NV

O Be proactive in your ongoing education regarding the company, weekly reports, products, and the outdoor retail business.... save job - more...

Adventure Tour Leader

MountainBased - Las Vegas, NV \$2,500 a month

Someone who is truly passionate about sharing the outdoors with others. To apply, please send your resume and cover letter.... - save job - more...

Weapons and Tactics Instructor (multiple positions available...

NAR Training - Las Vegas, NV 89115

NAR Education & Training goals are to provide students the highest quality of education while maintaining a competent, approachable and humble attitude.... save job - more...

Capital Projects Coordinator I

City of

Sparks, NV - City of Sparks, NV

\$37.43 - \$50.74 an hour

Education and

Experience:. Must be able to work outdoors in a variety of weather conditions. This position is open to all interested persons meeting the minimum... **save job - more...**

Development Director

Sierra Nevada Journeys - Reno, NV 89501

Here at Sierra Nevada Journeys we believe that **outdoor** science **education** is not just a luxury but a necessity....

for more: <https://www.indeed.com/q-Outdoor-Education-I-Nevada-jobs.html>

(some really great choices) (site offers other categories of employment)

Please see: <http://www.rsic.org/dock-free-bike-share-coming-to-colony/> or get

Limebike facts below:



Reno, Nev. ---Thirty bright green bicycles have been strategically placed in seven location at the Reno-Sparks Indian Colony.

Interested riders need just to:

- #1) Download the [Limebike app](#) onto your smart phone
- #2) Find a bike nearby by using the app
- #3) Unlock and ride
- #4) Scan any bike to unlock and start your ride
- #5) Park and Lock (Please, park wherever a bike is allowed).

“The Reno-Sparks Indian Colony is pleased to work with all of the partners in the region to bring this innovative transportation option to the area,” said RSIC Chairman Arlan D. Melendez. "Even though there are over 570 federally recognized tribes in the United States, all Native American communities are traditionally linked to our environment and caring for mother earth fits our tribal values.”

LimeBike, the leading U.S. smart mobility company, is proud to serve the Reno-Sparks Indian Colony as the first bikeshare company to launch on a Native American reservation, as part of a regional effort to enhance mobility in the Truckee Meadows region.



At the Colony, Limebikes have been placed at the Reno-Sparks Tribal Health Center, the gymnasium, the administration building, on both sides of the pedestrian bridge across 2nd street, and near the underpass and the RTC bus stop near Three Nations Walmart.

Five local entities — the City of Reno, City of Sparks, Reno-Sparks Indian Colony, University of Nevada, Reno and Washoe County — are launching a regional pilot program to test dock-free bikeshare throughout the community. The Regional Transportation Commission (RTC) of Washoe County has also been an essential partner that brought the entities together to explore bikeshare as a mobility solution to better serve citizens and visitors.

The RSIC does not own the bikeshare. LimeBike handles all operations, maintenance, customer service, and marketing for the system. However, if you see a bicycle parked improperly, please help place it in a proper position or location.

Through a competitive process, LimeBike was selected as the bikeshare equipment vendor and system operator. The system launched a pilot program in the City of Reno, City of Sparks, Reno-Sparks Indian Colony and Washoe County on May 14 during National Bike to Work Week, and will launch at the University of Nevada, Reno campus this week.

Riders can use the promo code LIMERENO to receive \$3 in ride credits.

“May 14th marked a new day for Reno-area transportation, as we are truly excited to deploy nearly 1,000 LimeBike bicycles into the Truckee Meadows community,” Reno Mayor Hillary Schieve said. “The implementation of LimeBike in our region will include the latest national and state safety requirements, advanced mobile technology and continued interaction with users such as surveys. I’m particularly glad that our students and seniors will be able to use these services at a discounted rate.”

All bikes are GPS and 3G-enabled, making it simple for riders to find, unlock and pick up a nearby bike using the iOS or Android smartphone app. When the ride is finished, riders simply lock the bike’s back wheel and responsibly park between the pedestrian-designated sidewalk and the street curb, or at a bike rack.

“We hope the implementation of this exciting new bikeshare program will encourage our residents to be active and enjoy the many outdoor activities and events throughout our region,” Sparks Mayor Geno Martini said. “Bringing LimeBike into the region has been a great collaborative effort, and we look forward to a new transportation option that also improves urban sustainability.”

“This new partnership provides a healthy transportation alternative to our students, faculty and staff, which is something they have expressed a keen interest in,” University of Nevada, Reno President Marc Johnson said. “Additionally, it furthers our commitment to efforts that help connect the University to the community, truly making this a University town.”

The regional system will allow riders to pick up and drop off bikes anywhere in the service area, providing unlimited access to reliable transportation. LimeBike’s rides cost just \$1, or 50 cents for students, seniors and low-income residents, per 30-minute time block.

“It has been a truly collaborative effort to get to our LimeBike pilot program launch,” Washoe County Commission Chair Marsha Berkbigler said. “A bicycle sharing system for our community began back in 2015 with a feasibility study, and along the way our partners have worked together to host public forums and discussions with a broad range of stakeholders, researched best practices in other communities from concept to implementation, all to ensure this would be a sustainable fit for our residents. I am so pleased after a long path, we will be launching this program.”

Participating entities hosted a joint inaugural unlocking event at Reno City Plaza on May 14 to officially kick off the program during National Bike to Work Week. Bikes have been placed in the community throughout.

“Not only are we excited to make our first launch in Nevada, we are thrilled that this has been a regional, collaborative effort to provide a new affordable, sustainable transportation solution to Truckee Meadows community,” said Gabriel Scheer, LimeBike Director of Strategic Development.

About LimeBike

LimeBike is revolutionizing mobility in cities and campuses by empowering residents with a greener, more efficient, and affordable transportation option that also improves urban sustainability. By partnering with local key stakeholders and systematically deploying a fleet of smart-bikes and scooters that are enabled with GPS, wireless technology, and self-activating locks, LimeBike will dramatically improve urban mobility by making the first and last mile faster, cheaper, and healthier for riders. Since launching in June 2017, the company has logged over 1.5 million trips, expanded internationally to Europe, and deployed electric scooters, electric-assist bikes, and multiple models of their standard pedal bike. Funded by Silicon Valley’s leading VC firm Andreessen Horowitz, LimeBike is based in San Mateo, CA. Learn more at limebike.com.