

Journal #4884

Code Switch (NPR) seeks interns (late notice)

Why Scientists Are Starting to Care About Cultures That Talk to Whales

DIY Dome Homes Built from Aircrete Are an Affordable/Eco-Friendly Option

Earth Looks Like A Living Creature In This Amazing NASA Video

Barrasso Announces Staff for the Senate Committee on Energy and Natural Resources

Interior Department Welcomes Newest Members of Leadership Team

Bay Area-based AirProtein Makes Meat From Thin Air Using Space Age

Funding Resources

New Research Spotlights The Inequity Of Species Names

The Last Posting of Scholarships with March 16-31 Deadlines

Magnets: The Hidden Objects Powering Your Life



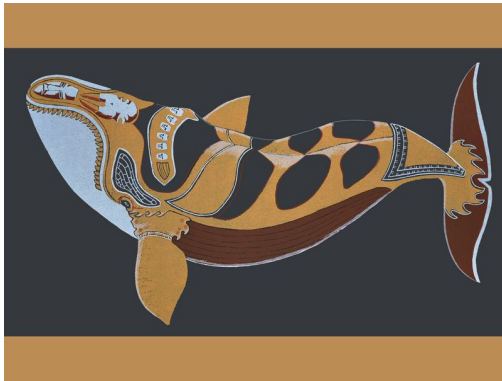
Salt Mountains, Iran

Code Switch is looking for four (4!) people to come work with us. We are hiring a part-time fellow, a mid-career fellow, and a summer intern. If you or someone you know is interested in stories about race and identity, one of these positions might be for you. Details can be found [here](#). (Oh, and applications for the internship are due tomorrow, so get on it! A panel about what that process is going to be like, join us this afternoon at 4pm ET on Twitter. Summer Thomad, will be hosting an AMA.)

Sorry; the above came in at 3pm yesterday....Great opportunity with NPR if you can jump on it!

Why Scientists Are Starting to Care About Cultures That Talk to Whales

Arctic people have been communicating with cetaceans for centuries. The rest of the world is finally listening in



“Tattooed Whale, 2016” by Tim Pitsiulak. Screen-print on Arches Cover Black. (Reproduced with the permission of Dorset Fine Arts)

https://www.smithsonianmag.com/science/talking-to-whales-180968698/?utm_source=facebook.com&utm_medium=socialmedia&fbclid=IwAR2nIMA5y32X2GLiKc4o4iZKKmzR6dX-ATfwsyFOpzKa3lvRp7_PeFR5ZHo



treehugger.com

[DIY Dome Homes Built From Aircrete Are an Affordable & Eco-Friendly Option](#)

[First there was foamcrete, then there was papercrete and hempcrete, and now we've got aircrete, a foamy mixture of air bubbles and cement.](#)

https://www.treehugger.com/diy-dome-homes-made-aircrete-affordable-ecofriendly-option-4858759?utm_source=facebook&fbclid=IwAR2iEPyvIR1jmku2d1sUTvtd-AAHk_tV2IFuxwlG5pUV88NYL34IYBk12r4

Earth Looks Like A Living Creature In This Amazing NASA Video **See the Earth in an entirely new way by Jolene Creighton**

[NASA's Scientific Visualization Studio \(SVS\)](#) has released [a stunning video](#) that shows Earth in a way you may have never seen before.

The video is a timelapse simulation that depicts seven days in 2005 when a category-4 [typhoon](#) developed off the coast of China. The seven-day period is repeated several times during the course of the visualization.

Scientists used data from NASA's Goddard Earth Observing System Model, Version 5 (GEOS-5), to depict the simulation's volume-rendered clouds. This particular run of the simulation, called 7km GEOS-5 Nature Run (7km-G5NR), was executed on a supercomputer. This short visualization produced petabytes of output and referenced nearly a terabyte of brickmap files.

[Try watching this video on www.youtube.com](#)

[According to the SVS website](#), the goal of videos like the above is to provide the public with a clearer picture of our planet and our own place within it, as well as give people an idea of what NASA is all about: "The SVS works closely with scientists in the creation of visualizations, animations, and images in order to promote a greater understanding of Earth and space science research activities at Goddard Space Flight Center and within the NASA research community."

Based on this video, I'd say that they seem to have gotten things right.

For those that watched the Haaland Hearings got a very close-up connection to the Senators on the Committee. Behind each Senator, there is a staff you should know. Please also look up the D side. <https://www.energy.senate.gov/2021/2/barrasso-announces-staff-for-the-senate-committee-on-energy-and-natural-resources>

[Barrasso Announces Staff for the Senate Committee on Energy and Natural Resources February 10, 2021](#)

WASHINGTON, D.C. — Today, U.S. Senator John Barrasso (R-WY), ranking member of the Senate Committee on Energy and Natural Resources (ENR), announced the following staff hires for the committee's minority side for the 117th Congress.

Richard M. Russell will serve as ENR staff director. Russell was staff director for Chairman Barrasso at the Senate Environment and Public Works (EPW) Committee. He previously served as Republican staff director for the Senate Commerce, Science and Transportation Committee. He also served President George W. Bush in the White House Office of Science and Technology Policy, the National Economic Council, and as a U.S. Ambassador.

Brian Clifford will serve as the committee's principal deputy staff director. Clifford was deputy staff director at EPW for Chairman Barrasso. Before 2017, he was a senior advisor to Barrasso. He also held

several Republican EPW subcommittee staff director roles for Barrasso. Clifford was formerly the legislative director for then-Rep. Jeff Flake (R-AZ) and also worked for former Rep. Elton Gallegly (R-CA).

Justin Memmott will serve as deputy staff director for energy for the committee. He served as senior counsel to Chairman Barrasso at EPW. Memmott served as Barrasso's energy policy advisor between 2011 and 2016. Previously, he served as counsel to Barrasso on the Senate Committee on Indian Affairs and was responsible for energy and environment issues related to Indian lands. Justin began his career on Capitol Hill with Senator Barrasso in 2007.

John Tanner will be the deputy staff director for lands. Tanner comes to the committee from the Department of the Interior where his most recent role was principal deputy assistant secretary for Fish and Wildlife and Parks. At Interior, he also served as senior advisor to the secretary of the Interior and director of the office of congressional and legislative affairs. Earlier, he worked as legislative director and policy advisor for Senator Orrin Hatch (R-UT) and in the district office of Congressman Rob Bishop (R-UT).

Matt Leggett will serve as chief counsel for the ENR committee. Leggett held the same position at EPW for Chairman Barrasso. Previously, he served as policy counsel for the U.S. Senate Republican Policy Committee. Leggett has also served as legislative counsel in the U.S. House of Representatives, where he worked on energy and commerce issues, as a legislative aide for the U.S. House Committee on Agriculture, and for a senior U.S. senator. He also practiced corporate law in Washington, D.C.

Mike Danylak will serve as the committee's communications director. He held the same position at EPW for Chairman Barrasso. Before EPW, Danylak served as the press secretary for the Senate Committee on Indian Affairs. His prior experience also includes serving as press secretary for the American Action Forum.

Patrick McCormick will continue as special counsel, the same position he held for Chairman Murkowski (R-AK). McCormick returned to the committee staff in 2020. He first joined the staff in 2011, and served as chief counsel from 2015 until returning to the private sector in 2018. He provides counsel and advocacy on matters within the committee's jurisdiction especially as they bear on the nation's energy supply and delivery infrastructure.

Stephen Eule will serve as senior professional staff for the committee. He will be responsible for climate, energy security, and energy research and development. His previous experience includes working for the House Science Committee and the Department of Energy (DOE) under President George W. Bush. He comes to the committee from the U.S. Chamber of Commerce's Global Energy Institute, where he was vice president.

James Willson will serve as counsel for the committee. He will be responsible for national parks and public lands. Willson served as counsel at EPW for Chairman Barrasso. Previously, he was a legislative assistant for EPW. Willson is a native of Cody, Wyoming.

Kate Farr will serve as counsel for the committee. She will be responsible for oil, gas, and coal. Farr joins the committee from Barrasso's personal office where she served as energy counsel. Prior to this, she served as counsel on the House Committee on Natural Resources, Energy and Minerals Subcommittee.

Jake McCurdy will serve as professional staff for the committee. He will be responsible for electricity, renewables, efficiency, and cybersecurity. McCurdy served as chief of staff for DOE's office of electricity and as a senior advisor in DOE's office of congressional affairs prior to joining the committee.

Avery Douglas will serve as junior counsel for the committee. She served as a law clerk and legislative assistant at EPW for Chairman Barrasso. Previously, she was a law clerk for the House Committee on the Judiciary.

Sarah Durdaller will serve as the committee's press secretary. She held the same position at EPW for Chairman Barrasso. Previously, Durdaller worked in Barrasso's personal office.

Derek Fisher will serve as legislative assistant for the committee. Fisher joins the committee from Barrasso's personal office.

Craig Thomas will serve as legislative assistant for the committee. He will assist on public lands issues. Thomas was a legislative assistant at EPW for Chairman Barrasso. He is a native of Rock Springs, Wyoming.

Leah Schaefer will serve as research assistant for the committee. Schaefer served as director of operations at EPW for Chairman Barrasso.

David Gardner will serve as research assistant for the committee. Gardner served as staff assistant for Chairman Barrasso at EPW.

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### **Interior Department Welcomes Newest Members of Leadership Team**

WASHINGTON — The Department of the Interior today announced additional members of the agency leadership team working to steward America's natural, cultural and historic resources, and honor our nation-to-nation relationship with Tribes.

“As we work to advance President Biden’s vision for a clean energy future that creates good-paying jobs, protects the environment, and powers our nation, we are thrilled to welcome our newest teammates. The diverse experiences of our staff will help us address the four intersecting challenges that the president has made a priority for his administration: COVID-19, economic recovery, racial equity and climate change — all of which disproportionately impact Tribal communities with whom we have a critical trust responsibility,” said Jennifer Van der Heide, Chief of Staff.

Previous leadership announcements can be found [here](#) and [here](#). Interior’s political team proudly reflects the diversity of America, with more than 50% identifying as BIPOC (black, Indigenous and people of color) and 80% as women.

The appointees are listed below in alphabetical order along with their new role:

Shakiyya Bland, Ed.D. - Albert Einstein Distinguished Educator Fellow, Office of the Secretary

Daniel Cordalis - Deputy Solicitor, Water

Nada Culver - Deputy Director, Policy and Programs, Bureau of Land Management

Bryan Newland - Principal Deputy Assistant Secretary, Indian Affairs

Biographies are listed below:

#### **Shakiyya Bland, Ed.D. - Albert Einstein Distinguished Educator Fellow, Office of the Secretary**

Shakiyya Bland is an educator, mathematics curriculum designer, and equity leader with more than 10 years of experience. Shakiyya produces culturally responsive instructional strategies to support scholars' racial and cultural identities as contributors to STEM education. Shakiyya is an educational consultant, Institute for Teachers of Color femtor, BetterLesson, Inc. Master Teacher, KSDE Culturally Relevant Pedagogy Consultant, and Albert Einstein Distinguished Educator Fellow. She has served as a Congressional Policy Fellow for the past seven months in Representative Deb Haaland's office managing

priority issues, conducting research, developing legislation and strategies for legislative priorities, and managing and responding to constituent correspondence.

**Daniel Cordalis - Deputy Solicitor, Water**

Daniel Cordalis has more than a decade of experience working on natural resource and complex water and land management issues on behalf of Tribal governments and conservation groups. Daniel most recently worked in private practice. He previously was an attorney with Earthjustice, the Yurok Tribe, and clerked for the Colorado Supreme Court and the Native American Rights Fund. After graduating from Rice University, Daniel received a M.A. focused on hydrology and a J.D. from the University of Colorado, Boulder. Raised in southwest Colorado, Daniel is a Navajo Tribal member and lives with his family outside Arcata, California.

**Nada Culver - Deputy Director, Policy and Programs, Bureau of Land Management**

Nada Wolff Culver most recently served as the Vice President, Public Lands and Senior Policy Counsel at the National Audubon Society. Prior to joining Audubon, Nada was the Senior Counsel and Senior Director for Policy and Planning at The Wilderness Society. Nada began her career in the private sector, working on a variety of environmental issues including energy development and environmental remediation, and was a partner with the law firm of Patton Boggs. She is a graduate of Northwestern University and the University of Pennsylvania School of Law.

**Bryan Newland - Principal Deputy Assistant Secretary, Indian Affairs**

Bryan Newland is a citizen of the Bay Mills Indian Community (Ojibwe), where he recently completed his tenure as Tribal President. Prior to that, Bryan served as Chief Judge of the Bay Mills Tribal Court. From 2009 to 2012, he served as a Counselor and Policy Advisor to the Assistant Secretary of the Interior – Indian Affairs. He is a graduate of Michigan State University and the Michigan State University College of Law. Bryan enjoys hiking and kayaking the shores of Lake Superior, and is a nature photography enthusiast. [click on box for more; same w/next.](#)



## [Bay Area-based Air Protein makes “meat” from thin air using space-age science](#)

A new entrant into the edible protein scene, the Berkeley-based startup makes a meat alternative using NASA-inspired fermentation technology.

### **Funding Resources**

#### [Coordinated Tribal Assistance Solicitation \(CTAS\)](#)

This Department of Justice solicitation provides federally recognized tribes and tribal consortia an opportunity to apply for funding to aid in developing a comprehensive and coordinated approach to public safety and victimization.

[Learn more](#)

Grants.gov Deadline: March 16, 2021

JustGrants Deadline: March 30, 2021

#### [Intellectual Property Enforcement Program: Protecting Public Health, Safety, and the Economy from Counterfeit Goods and Product Piracy](#)

This program assists state, local and tribal jurisdictions in preventing and reducing intellectual property theft and related crime.

[Learn more](#)

Grants.gov Deadline: March 16, 2021

JustGrants Deadline: March 30, 2021

#### [John R. Justice \(JRJ\) Program](#)

This program provides student loan repayment assistance for local, state, and federal public defenders and local and state prosecutors who commit to extended service in those roles.

[Learn more](#)

Grants.gov Deadline: March 16, 2021

JustGrants Deadline: March 30, 2021

#### [Residential Substance Abuse Treatment \(RSAT\) for State Prisoners Program](#)

This program assists states with developing and implementing residential substance abuse treatment programs within state correctional facilities, as well as within local correctional and detention facilities, in which inmates are incarcerated for a period of time sufficient to permit substance abuse treatment.

[Learn more](#)

Grants.gov Deadline: March 16, 2021

JustGrants Deadline: March 30, 2021

#### [Second Chance Act Pay for Success Initiative](#)

This program provides funding for state, local, and tribal governments to enhance or implement performance-based and outcomes-based contracts with reentry, permanent supportive housing, or recovery housing providers to reduce recidivism and address the substance use disorders impacting formerly incarcerated people.

[Learn more](#)

Grants.gov Deadline: March 16, 2021

JustGrants Deadline: March 30, 2021

## The Kevin and Avonte Program: Reducing Injury and Death of Missing Individuals with Dementia and Developmental Disabilities

This program provides funding to law enforcement and other public safety agencies to implement locative technologies that track missing individuals, and it provides funding to such agencies and partnering nonprofit organizations to develop or operate programs to prevent wandering, increase vulnerable individuals' safety, and facilitate rescues.

[Learn more](#)

Grants.gov Deadline: March 17, 2021

JustGrants Deadline: March 31, 2021

## Harold Rogers Prescription Drug Monitoring Program (PDMP)

This program assists state, local, and tribal efforts to break the cycle of drug addiction and violence by reducing the demand for, use, and illegal trafficking of controlled substances.

[Learn more](#)

Grants.gov Deadline: March 19, 2021

JustGrants Deadline: April 2, 2021

## State Criminal Alien Assistance Program

Under this program, payments are made to states and units of local government that incur certain types of costs due to incarceration of undocumented criminal aliens during a specific 12-month reporting period.

[Learn more](#)

Grants.gov Deadline: March 29, 2021

JustGrants Deadline: April 12, 2021

## Adult Drug Court & Veterans Treatment Court Discretionary Grant Program FY20 Competitive Grant Webinar

This program provides resources to state, local, and federally recognized tribal governments to enhance drug court programs and systems for nonviolent offenders and veterans with addictions, including stimulant and opioid abuse and overdose.

[Learn more](#)

Grants.gov deadline: March 31, 2021

JustGrants deadline: April 14, 2021

## Justice Information Sharing Training and Technical Assistance (JIS TTA) Program

This program assists state, local, and tribal jurisdictions in reducing crime and improving the functioning of the criminal justice system through more effective information sharing, multiagency collaboration, and implementation of data-driven, evidence-based strategies.

[Learn more](#)

Grants.gov deadline: April 5, 2021

JustGrants deadline: April 19, 2021

## Tribal Civil and Criminal Legal Assistance Program

This program provides civil and criminal legal assistance to low-income individuals, Indian tribes, and tribal justice systems to support the development and enhancement of tribal justice systems and access to those systems.

[Learn more](#)

Grants.gov Deadline: April 7, 2021

JustGrants Deadline: April 21, 2021



## Tribal Justice System Infrastructure Training and Technical Assistance Initiative

This program assists tribes with renovation, expansion, and permanent modular projects to address tribal justice system infrastructure needs.

[Learn more](#)

Grants.gov Deadline: April 7, 2021  
JustGrants Deadline: April 21, 2021

## Upholding the Rule of Law and Preventing Wrongful Convictions Site Based and Training and Technical Assistance Program

This program supports Wrongful Conviction Review entities providing high quality and efficient post-conviction representation for defendants in post-conviction claims of innocence.

[Learn more](#)

Grants.gov Deadline: April 7, 2021  
JustGrants Deadline: April 21, 2021

## Smart Prosecution – Innovative Prosecution Solutions

The purpose of this program is to provide state, local, and tribal prosecutors with funding to secure resources that will help reduce crime and increase public safety.

[Learn more](#)

Grants.gov Deadline: April 12, 2021  
JustGrants Deadline: April 26, 2021

## Innovations in Reentry Initiative: Building System Capacity & Testing Strategies to Reduce Recidivism

This opportunity provides state and local jurisdictions and Indian tribes with the resources to identify assets and gaps in their reentry systems and improve their overall approach to reentry.

[Learn more](#)

Grants.gov Deadline: April 13, 2021  
JustGrants Deadline: April 27, 2021

## Second Chance Act Community-Based Reentry Program

Through this opportunity, BJA is seeking applications to implement or expand on reentry programs that demonstrate strong partnerships with corrections, parole, probation, and other reentry service providers.

[Learn more](#)

Grants.gov Deadline: April 13, 2021  
JustGrants Deadline: April 27, 2021

## Smart Probation: Innovations in Supervision Initiative

This program will fund state, local, and tribal community corrections agencies to improve supervision capacity to prevent recidivism and reduce crime in their jurisdictions.

[Learn more](#)

Grants.gov Deadline: April 13, 2021  
JustGrants Deadline: April 27, 2021

## Implementing the PREA Standards, Protecting Inmates, and Safeguarding Communities

This program provides funding for projects designed to prevent, detect, and respond to sexual abuse and sexual harassment in confinement facilities, and to achieve and maintain compliance with the Prison Rape Elimination Act (PREA) standards.

[Learn more](#)

Grants.gov Deadline: April 20, 2021  
JustGrants Deadline: May 4, 2021

## Safeguarding Correctional Facilities and Public Safety by Addressing Contraband Cellphones Program

The purpose of this program is to enhance, test, implement, and evaluate policies, practices, and technology to address and reduce the use of contraband cellphones in correctional facilities.

[Learn more](#)

Grants.gov Deadline: April 22, 2021

JustGrants Deadline: May 6, 2021

## Byrne Criminal Justice Innovation Program

The goal of this solicitation is to invest in jurisdictions with significant crime challenges that want long-term solutions, incorporating all four elements of the Byrne Criminal Justice Innovation model.

[Learn more](#)

Grants.gov Deadline: April 26, 2021

JustGrants Deadline: May 10, 2021

## Emmett Till Cold Case Investigations and Training and Technical Assistance Program

This program provides support to state, local, and tribal law enforcement and prosecutors in their investigation and prosecution of cold case murders associated with civil rights violations.

[Learn more](#)

Grants.gov Deadline: April 27, 2021

JustGrants Deadline: May 11, 2021

**New Research Spotlights The Inequity Of Species Names** By [Maggie Mullen](#) • Feb



21, 2021 **A Clark's nutcracker, named after explorer William Clark, who encountered the bird while floating what is now known as the Salmon River in present-day Idaho.** Frank D. Lospalluto/Flickr

- While there's an [insect named after Lady Gaga](#), and [a lichen](#) named after former President Barack Obama, a lot of the time species get named after scientists - especially white men. A [case study](#) published in the journal Biological Conservation examined more than 650 plants on the remote islands of New Caledonia in the South-West Pacific. It found that only 6% of the species were named after women, and only 7% had been named after people born on the islands.

"Is that fair to name a species after someone from a place that he's never been to?" asks the study's author, biologist Yohan Pillon.

Instead, Pillon argues that conservation science should be more inclusive, and naming species is a chance to acknowledge the diversity of individuals who have contributed to our understanding of the natural world.

"Areas of high biodiversity often overlap with areas of high linguistic diversity, but the links among biodiversity and cultural and linguistic diversity are often underappreciated," Pillon wrote in the study. "To promote the preservation of biodiversity, species should be named with an eye toward how these names will be perceived by the local communities involved."

*This story was produced by the Mountain West News Bureau, a collaboration between Wyoming Public Media, Boise State Public Radio in Idaho, KUNR in Nevada, the O'Connor Center for the Rocky Mountain West in Montana, KUNC in Colorado, KUNM in New Mexico, with support from affiliate stations across the region. Funding for the Mountain West News Bureau is provided in part by the [Corporation for Public Broadcasting](#).*

***Time for Tribes to weigh in with their names/stories or at least share the species' role in their cultural knowledge.***

### **The Last Posting of Scholarships with March 16-31 Deadlines (but there a whole much more coming with April deadlines!)**

|                                                                                 |          |            |
|---------------------------------------------------------------------------------|----------|------------|
| <a href="#">UNCF Jay Charles Levine Scholarship</a>                             | \$3,000  | 03/19/2021 |
| <a href="#">Upsolve Access to Justice</a>                                       | \$2,500  | 03/31/2021 |
| <a href="#">USMA/Blake Family Metric Awards</a>                                 | \$2,500  | 03/31/2021 |
| <a href="#">USTA Foundation Scholarships</a>                                    | Varies   | 03/30/2021 |
| <a href="#">Vandenberg Spouses' Club College Scholarships</a>                   | Varies   | 03/19/2021 |
| <a href="#">VIP Women in Technology Scholarship</a>                             | \$2,500  | 03/31/2021 |
| <a href="#">Volunteers for Outdoor Colorado Grossman Scholarship</a>            | \$5,000  | 03/31/2021 |
| <a href="#">Wells Fargo Team Members Dependent Children Scholarship Program</a> | Varies   | 03/19/2021 |
| <a href="#">Whitney French Design Scholarship</a>                               | \$10,000 | 03/31/2021 |
| <a href="#">Wisconsin Women's Alliance Foundation Scholarship</a>               | \$1,000  | 03/31/2021 |
| <a href="#">Women In Defense Scholarship</a>                                    | \$1,000  | 03/31/2021 |
| <a href="#">Won Buddhism Chicago Scholarship</a>                                | \$1,000  | 03/21/2021 |
| <a href="#">World Trade Week Scholarship</a>                                    | \$1,000  | 03/17/2021 |
| <a href="#">WV State Fair Scholarship Program</a>                               | \$4,000  | 03/16/2021 |
| <a href="#">Young Women in Public Affairs Award</a>                             | \$4,000  | 03/17/2021 |
| <a href="#">Zonta Club of Washington, D.C. Undergraduate Scholarship</a>        | \$5,000  | 03/19/2021 |
| <a href="#">Zonta International Amelia Earhart Memorial Scholarship</a>         | \$10,000 | 03/31/2021 |

**Magnets: The Hidden Objects Powering Your Life** (NPR). Wise men once said: "Water, fire, air, dirt. F\*\*\*ing magnets, how do they work?" (*Because it is Friday.....sdc*)