



National Creativity Network

## ARTICLES OF INTEREST

April 12, 2019

### QUOTE(S) OF THE WEEK

"I have never looked for dream in reality or reality in dream. I have allowed my imagination free play, and I have not been led astray by it." – Gustave Moreau

"It doesn't matter how many things you've done, how much stuff you've counted, or how far you've gone. You haven't taken the first step on the road to infinity." – George F. R. Ellis, Cosmologist

"Nothing in this world can take the place of persistence. Talent will not; nothing is more common than unsuccessful people with talent. Genius will not; unrewarded genius is almost a proverb. Education will not; the world is full of educated derelicts. Persistence and determination alone are omnipotent. The slogan 'press on' has solved and always will solve the problems of the human race." – Calvin Coolidge

"I dwell in possibility..." – Emily Dickinson

"Black holes ain't as black as they are painted. They are not the eternal prisons they were once thought. Things can get out of a black hole, both to the outside, and possibly to another universe. So if you feel you are in a black hole, don't give up. There's a way out." – Stephen Hawking

"Man is a creature of hope and invention, both of which belie the idea that things cannot be changed." – Tom Clancy

### VIDEO(S) OF THE WEEK

**A Group of Powerful Telescopes Captures the First-Ever Image of a Black Hole**  
*Colossal*

**Katie Bouman: How to take a picture of a black hole**  
*TED Talk*

**A Paper Camera Comprised of Complementary Colors Includes Interchangeable Lenses and a Removable Flash**

*Colossal*

**The Biggest Questions of Cosmology: Pondering the Imponderables**

*World Science Festival*

**FEATURED EVENTS/OPPORTUNITIES**

**Idea Week 2019 includes Bill Nye the Science Guy, Wired co-founder**

*ABC57.com*

**Through April 13**

**Orlando Science Center: Aviation exhibit gives imagination wings**

*Orlando Sentinel*

**Through May 2**

**The Top Innovation Conferences of 2019**

*Forest Giant*

**Through December 2019**

**A National Convening on the Integration the Arts, Humanities, and STEMM in Higher Ed**

*National Academy of Sciences*

**April 12**

**NEW Make Omaha 2019: Innovation, technology showcase**

*KETV*

**April 13**

**World Creativity and Innovation Week**

*World Creativity and Innovation Week*

**April 15 - 21**

**NEW One year in, the 7 ideas of The Audacious Project are making ever-bigger waves**

*TED Blog*

**April 16**

**WonderWorks Orlando Celebrates WonderKids with Astronaut Meet and Greet and Ceremony**

*Diversity In STEAM Magazine*

**April 25 - 27**

**STEM and policy leaders: 'What IF we could engineer policy'**

*Purdue University News*

**April 28 - 30**

**Milton Fisher Scholarship for Innovation and Creativity**

*The Community Foundation for Greater New Haven*

**Deadline: May 1**

**Rock band OK Go launches contest for student art that will be sent into space**

*PRNewswire*

**Deadline: May 6**

**3M and Discovery Education Search for America's Next Top Young Scientist in National Middle School Competition with Chance to Win \$25,000 Grand Prize**

*Discovery Education News*

**Deadline: May 7**

**Alcatraz East Crime Museum to Hold 2nd Annual Graffiti Art Contest**

*Diversity In STEAM Magazine*

**Deadline: May 8**

**2019 ENCATC-AAAE International Panel**

*ENCATC*

**May 30**

**New England Foundation for the Arts opens registration for Creative Communities Exchange**

*VTDigger*

**June 6 -7**

**2019 Pritzker Forum on Global Cities**

*Financial Times and The Chicago Council on Global Affairs*

**June 5 – 7**

**2019 ENCATC International Study Tour | Casablanca, Tangier, and Marrakesh, Morocco**

*Encatc*

**June 10 – 14**

**NSF grant program to pay universities to hire quantum researchers**

*Edscoop*

**July 1**

**Creativity Conference**

*Southern Oregon University*

**July 11 – 14**

**Photo Contest 2019 | Rules**

*Smithsonian Magazine*

**Deadline: November 30**

**TEDWomen 2019: Bold + Brilliant**

*TEDWomen*

**December 4 – 6 | Palm Springs, CA**

**TED2020: Uncharted**

*TED.com*

**April 20—24, 2020 | Vancouver, BC, Canada**

**CreativeMornings | a monthly breakfast lecture series**

*CreativeMornings*

**Various**

**Interactive Map | Festivals**

*Science Festival Alliance*

**Various**

**ARTICLES OF INTEREST**

**Darkness Visible, Finally: Astronomers Capture First Ever Image of a Black Hole**

*The New York Times*

Also

**First-ever picture of a black hole unveiled**

*National Geographic*

**Her algorithm helped scientists capture that black hole photo**

*Bizwomen*

**Why Doesn't the Black Hole Image Look Like the One From Interstellar?**

*Gizmodo*

**Black hole image validates imagining the unimaginable**

*Science News*

**How Much the Public Knows about Science, and Why It Matters**

*Scientific American Blog Network*

**Two MIT Economists Share A Bold Plan To Jump-Start The Economy In New Book**

*WGBH*

**Want to Innovate? Science Says, "Be Diligent!"**

*The Creativity Post*

**Can A Computer Be Creative? Chips With Everything**

*Imagination Matters*

**How Kaiser's Bernard Tyson led the Bay Area Council to find a solution for homelessness**

*San Francisco Business Times*

**Through hip-hop and dance, this nonprofit teaches girls of color how to code — 'It helped me build who I am'**

*Philly.com*

**Equity in Pursuit of Excellence: Why the Social Sector Needs Bold Strokes**  
*BoardSource*

**U. of Wisconsin at Stevens Point Pulls Back From Plan to Cut 6 Liberal-Arts Programs**  
*The Chronicle of Higher Education*

**7 surprising things that could change the job market by 2030**  
*CBC News*

**National Endowment for the Humanities and the Mellon Foundation Announce Grants to Digitize Essential Humanities Books**  
*National Endowment for the Humanities (NEH)*

**UW professor is one of world's leading synesthesia researchers**  
*Channel3000.com*

**Aphantasia: Ex-Pixar chief Ed Catmull says 'my mind's eye is blind'**  
*BBC News*

**Was Leonardo da Vinci, a Famous Lefty, Actually Ambidextrous?**  
*Smart News | Smithsonian*

**An Oxford mathematician explains how AI could enhance human creativity**  
*The Verge*

**Tools for women entrepreneurs**  
*Macleans.ca*

**'Bloomberg Technology' Full Show (04/11/2019)**  
*Bloomberg*

**'The Efficiency Paradox': Why Tech Can't Fix Everything**  
*Knowledge @ Wharton*

**Cultivating collaboration and innovation between MIT and Denmark**  
*MIT News*

**NAS Honors 10 U.S. Nobel and Kavli Prize Laureates**  
*National Academies of Sciences Engineering Medicine*

**Hanover School Board votes to cut funding from MathScience Innovation Center**  
*Education | richmond.com*

Also

**Students, supporters fight to save MathScience Innovation Center funding**  
*Henrico Citizen*

**Despite outcry, Henrico officials poised to adopt budget without MathScience Innovation Center funding**

*Henrico Schools | richmond.com*

**Collision, City of Toronto teaming up to attract international talent to Canada**

*Betakit*

**Imagination fueled innovation at Youth STEMposium**

*The Weekly Challenger*

**This physicist is trying to make sense of the brain's tangled networks**

*Science | AAAS*

**Chinese scientists defend implanting human gene into monkeys' brains**

*CNN*

**The violent attack that turned a man into a maths genius**

*BBC - Future*

**Brain-like model provides hope for millions with Alzheimer's, other neurological disorders**

*Purdue University News*

**Our brains sculpt each other. So why do we study them in isolation?**

*Science News*

**Creativity starts with curiosity**

*BizTimes Media Milwaukee*

**Kansas City Art Institute introduces Entrepreneurial Studies minor**

*Kansas City Business Journal*

**Youth With Disabilities**

*Connected Science Learning*

**Meet The Indian-American Host Of Netflix's STEM Series 'Brainchild'**

*Forbes*

**Chan Zuckerberg Initiative launches effort to increase diversity of STEM students**

*Berkeley News*

**Queer in STEM Symposium seeks to improve path for LGBTQ scientists at Yale**

*YaleNews*

**Changing the Game in STEM with Family Engagement**

*STEM Next*

**Meet Blue: The Cheap and Manipulative (in a Good Way) Robot**

*WIRED*

**Hospital viruses: Fake cancerous nodes in CT scans, created by malware, trick radiologists**

*The Washington Post*

**Mark Zuckerberg, Elizabeth Warren, and the Case for Regulating Big Tech**

*The New Yorker*

**The Age of Robot Farmers**

*The New Yorker*

**NASA Twins Study Shows Changes From Year in Space**

*Science | Smithsonian*

**Why These Four Banjo-Playing Women Resurrected the Songs of the Enslaved**

*At the Smithsonian | Smithsonian*

**How Women Got the Vote Is a Far More Complex Story Than the History Textbooks Reveal**

*At the Smithsonian | Smithsonian*

**How Margaret Dayhoff Brought Modern Computing to Biology**

*Science | Smithsonian*

**Drones' Newest Cargo Might Just Be Human Organs**

*Innovation | Smithsonian*

**How the Invisible Hand of William Shakespeare Influenced Adam Smith**

*History | Smithsonian*

**Tricking rats with augmented reality unlocked a secret about our own brains**

*Popular Science*

**These genetic 'goggles' could help us engineer wildly resilient crops**

*Popular Science*

**How an Autodidact Astronomer Became the First American to Discover a Comet**

*Pacific Standard*

**The New Guantanamo Bay-Themed Play That Serves as a Rejoinder to 'Homeland'**

*Pacific Standard*

**Colouring outside the lines: design for public good**

*Nesta*

**The Rise of Purpose Education: A Recipe for Fulfillment or Snowflakes?**

*Fast Forward | OZY*

**Chinese scientists have put human brain genes in monkeys—and yes, they may be smarter**

*MIT Technology Review*

**Will Education Be Pointless 30 Years from Now??—?Part One**

*Medium*

**How Constraints Can Make You More Creative.**

*The Post-Grad Survival Guide | Medium*

**Johnson & Johnson Innovation and Children's National Health System\* to Launch JLABS @ Washington, DC at the new Children's National Research and Innovation Campus in 2020**

*PRNewswire*

**Bauhaus: The School of Modernism**

*Google Arts & Culture*

**How Technology From the Space Race Changed the World**

*Northrop Grumman*

**Ray Dalio says the economy poses 'an existential threat for the US'**

*Business Insider*

**Queen, Elton, Bruce: Is Classic Rock the Next Great Hollywood I.P. Well?**

*Vanity Fair*

**Chicago nonprofits developing their own affordable housing**

*Crain's Chicago Business*

**Johnson Publishing, former publisher of Ebony and Jet magazines, files for bankruptcy**

*Bizwomen*

**Artists take a stand against gender gap in country music**

*Bizwomen*

**Apple is losing the 5G race**

*AdAge*

**Wisconsin Robotics Team Takes Top Prize in 'Bot Shot' Competition**

*Wisconsin INNO*

**A radio station becomes a lifeline for endangered Mexican, Central American indigenous languages**

*NBC News*

**Writing Women's History: starting with your mother**

*Creativity at Work*

**Radically Re-Thinking Work**

*Innovation Excellence*

**Why the Biggest Breakthroughs Often Come From the Quiet Geniuses**

*Innovation Excellence*



**WonderWorks Branson Providing Local Schools with In-Service STEM Educational Program**

*Diversity In STEAM Magazine*

**Multiple lines of mysterious Denisovans interbred with us**

*National Geographic*

**Astronaut Scott Kelly's year in space affected his body. Here's how.**

*National Geographic*

**Spacell's Beresheet, first privately funded moon lander, crash-lands**

*National Geographic*

**Time Travel and Strong Memories—Tinted by Unusual Colors!**

*The Fallible Mind | Psychology Today*

**How Do the Best Innovators Collaborate?**

*Quantum Leaps | Psychology Today*

**Thoughtless Acts: Lovers' Quarrel**

*IDEO Blog*

**Millennials and Gen Z Need Training in This One...**

*The Creativity Post*

**The problem with unicorns...**

*Seth's Blog*

**Melinda has a terrific new book coming out**

*Gates Notes*

**Greta Thunberg nominated for Nobel Peace Prize and other TED news**

*TED Blog*

**5 rituals that spark creativity at Pinterest, Flipboard, and Amazon**

*Fast Company*

**From Bad Robot receptionist to Sundance darling: What rising-star writer-director J.D. Dillard learned from J.J. Abrams about storytelling**

*Fast Company*

**FBI, DOJ bust 24 people in \$1.2 billion telemedicine fraud scheme**

*Healthcare IT News*

**Episode 10: Beth Comstock -Author, Imagine It Forward and Former Vice Chair GE**

*Agile Giants | Medium*

**Change the Point of Attack - Insights from Nelson**

*Destination Innovation*

**The Key to Designing for Social Impact? Empathy**

*Fortune*

**Meet Oust Labs First Accelerator Graduate, Music Tech Startup MXD**

*UrbanGeekz*

**Reorganization Viewed from the Inside, with Fly The Nest**

*Innovation Excellence*

**And the Oscar Goes to...**

*Innovation Excellence*

**Simple Formula That Explains Why Anyone Would Buy Your Invention**

*Innovation Excellence*

**Fail it. Nail it. Scale it. Sale it**

*Innovation Excellence*

**New species of ancient human discovered in the Philippines: Homo luzonensis**

*National Geographic*

**Ebola virus facts and information**

*National Geographic*

**How Copernicus developed heliocentrism to reorganize the cosmos**

*National Geographic*

**Last year's 11 most challenged books in schools and libraries**

*MobyLives*

**How Spotify Saved the Music Industry (But Not Necessarily Musicians)**

*Freakonomics*

Also

**Artists Call Out Spotify in Open Letter: 'You Have Used Us'**

*Vulture*

**Designing Philadelphia's \$50 Million Esports Arena**

*CityLab*

**Australia's new social media law shows why we can't rush to legislate the internet.**

*Slate*

**Teaching the Arts in a State Prison Classroom**

*ARTS Blog | Americans for the Arts*

**How much can we afford to forget, if we train machines to remember?**

*Aeon Ideas*

**Are the Humanities History?**

*NYR Daily | The New York Review of Books*

**Erisology: The Science of Arguing About Everything**

*The Atlantic*

**A 3D-Printed Press Brings Printmaking to the People**

*Colossal*

**Intricate Tessellations Expand and Contract in New Folded Paper Works by Ekaterina Lukasheva**

*Colossal*

**Writers Guild, Agents Talk Packaging, Ownership as Deadline Looms**

*Variety*

**Trump Says the U.S. Is 'Full.' Much of the Nation Has the Opposite Problem.**

*The New York Times*

**Investing in Socially-Engaged Artists Can Drive Community Change**

*Grantmakers in the Arts*

**New Three Dimensional Narratives Composed from Discarded Books**

*Colossal*

**Build Your Own Robotic Cat with An Open Source Kit by Petoï**

*Colossal*

**But What Does Arts Entrepreneurship Even Mean?**

*ARTS Blog | Americans for the Arts*

**Busy Doing Nothing | Megan Marz**

*The Baffler*

**In Bubbles, She Sees a Mathematical Universe**

*The New York Times*

**Top 20 Innovation Articles of February 2018**

*Innovation Excellence*

**Confirmed: New phase of matter is solid and liquid at same time**

*National Geographic*

**Coding Is for Everyone—as Long as You Speak English**

*WIRED*

**Iowa Artist Makes Music from Brain Waves**

*Iowa Public Radio*

**Rising To Meet the Need for Pediatric Device Innovation**

*Stanford Children's Health*

**How to integrate creative coding and robotics into your classroom**

*EdScoop*

**50 Game-Changing Innovations in Robotics, Home Technology and Medicine**

*Entrepreneur*

**Report: China's Closing the Innovation Gap**

*Nextgov*

**Inspiring creativity and innovation in the nation's capital**

*University of Miami News*

**To Improve Memory, Tune It Like an Orchestra**

*The New York Times*

**Why University-Industry Partnerships Matter**

*QS WOW News*

**Developing a Diverse Scientific Workforce To End the Alzheimer's Epidemic**

*University of Arizona News*

**We Create KC: Half of top VC-backed companies tapped early-stage support**

*WIRED*

**The Collaboratory launches first national initiative**

*Dayton Business Journal*

**How a Spy Known as the 'Limping Lady' Helped the Allies Win WWII**

*History | Smithsonian*

**Four experts on Pinterest as it prepares to go public**

*CNBC*

**A Lesson for the Toy Industry's Future: Sharing**

*Fast Forward | OZY*

**The Diagnosis Is Alzheimer's. But That's Probably Not the Only Problem.**

*The New York Times*

**3D printed metamaterials offer novel optical properties**

*The Engineer*

**The Three Keys to Becoming a Masterful Brainstorm Facilitator**

*The Heart of Innovation*

**Lil Nas X's Removal From Billboard's Country Chart Exposes the Way Race Informs Genre**

*Pacific Standard*

**Why old-school printed books may be better than e-books for teaching kids to read**

*CBC News*

**The Computational Case against Computational Literary Studies**

*Critical Inquiry*

**The death of the buffet chain, explained**

*Vox*

**Physicists Discover Exotic Patterns of Synchronization**

*Quanta Magazine*

**Dimensions Blur in Aakash Nihalani's Minimalist Optical Illusions**

*Colossal*

**Dutch Artists Transform a Utrecht Apartment Building into a Tri-Level Trompe L'Oeil Bookcase**

*Colossal*

**Opinion | The End of Satire**

*The New York Times*

**Disney Hall helped bring downtown Los Angeles back to life**

*Quartz*

**UCI Student 'Accidentally' Invents a Rechargeable Battery That Lasts 400 Years**

*The Epoch Times*

**Have We Stolen A Generation's Independent Thought?**

*Forbes*

**World Changing Ideas 2019: All the winners, finalists, and honorable mentions**

*Fast Company*

**A.M. Turing Award**

*ACM (Association for Computing Machinery)*

**Has the World's First Unhackable Chip Arrived?**

*Rising Stars | OZY*

**Charles Sanna's Cocoa Packets Changed the Way We Drink Hot Chocolate**

*Smart News | Smithsonian*

**Here's The Problem With Google's Innovation Strategy**

*Forbes*

**Seven Engineering Wonders That Make Life Better In The 21st Century**

*Forbes*

**How to Keep Scientific Innovation Alive**

*Scientific American Blog Network*

**Japan to form 40-company alliance for open innovation breakthrough**

*Nikkei Asian Review*

**The First Law of Digital Innovation**

*MIT Sloan Management Review*

**Why everyone in Hollywood and Silicon Valley is stalking J.J. Abrams**

*Fast Company*

**The Great Smartphone Experiment**

*OneZero | Medium*

**Who Is Richard Feynman? The Curious Character Who Mastered Thinking and Physics**

*Farnam Street*

**Sensing You're Not Creative? Here's How To Fix That**

*The Creativity Post*

**One year in, the 7 ideas of The Audacious Project are making ever-bigger waves**

*TED Blog*

**These Are The Biggest Innovation Challenges We Must Solve Over The Next Decade**

*Innovation Excellence*

**How One Man Decided the Fate Of Humanity and Saved Us From Destruction**

*Innovation Excellence*

**The Secret to Managing Creative Projects (while looking for the next big hit)**

*Innovation Excellence*

**Ask An AI To Come Up With Charity Names?**

*Imagination Matters*

**Reclaiming spaces: Camp ELSO inspires children of color to explore the outdoors, science careers**

*Diversity in STEAM Magazine*

**What Prompts Us to Come Up With Varied Creative Options?**

*Our Innovating Minds | Psychology Today*

**Creative Mind: Discover New Freshness in Words**

*Attention Training | Psychology Today*

**John Oliver and Captain Underpants among the most “challenged” books of 2018**

*Fast Company*

**Plastic bottles have surpassed plastic bags as the biggest threat to oceans and rivers**

*Fast Company*

**Janett Nichol Explains How Nike Fuses Together Science And Art To Make Innovative Athletic Apparel**

*Forbes*

**Elite Chinese Music School Now Offers PhDs in Music + AI**

*Synced*

**Where STEM (science, tech, engineering, math) is booming in NJ**

*NJ101.5.com*

**How Canada got so smart on artificial intelligence**

*The Globe and Mail*

**How Privacy Laws Are Changing To Protect Personal Information**

*Forbes*

**Edison Awards Honors Game-Changing Innovations**

*National | idahostatejournal.com*

**Scott Meacham: Becoming a top ten state is a worthy and achievable goal**

*Tulsa World*

**The most common Kickstarter mistakes and how you can avoid them**

*The Gadget Flow*

**Inventing Innovation in Silicon Valley**

*The Dartmouth*

**AI Could Scan IVF Embryos to Help Make Babies More Quickly**

*Wired*

**Lift Up MKE trains women in tech**

*BizTimes Media Milwaukee*

**University of Alabama students use mind control to fly drones**

*WVLT*

**Minnesota student group seeks to expand makerspace access**

*StarTribune.com*

**The Library of Congress Has Digitized 155 Persian Texts Dating Back to the 13th Century**

*Smart News | Smithsonian*

**Journalism and Engineering**

*NAE Engineering Innovation Podcast and Radio Series*

**This Is Why Your Creative Expression Matters**

*Personal Growth | Medium*

**How thoughts about death inspired the idea that got my first book published**

*Imagineer7's Weblog*

**Leaked Microsoft Email Chain Reportedly Describes Hellish Workplace for Women**

*Gizmodo*

**YouTube is a Strident Upholder of Free Speech Wherever and Whenever it Benefits... YouTube?**

*CreativeFuture*

**How a Trombone Player Became a Sought-After Hollywood Composer – A Conversation with Jeff Morrow (Video)**

*CreativeFuture*

**What the Rest of the World Can Learn From the Australian Economic Miracle**

*The New York Times*

**Taylor Swift tour gave 20,000 tix away to fill stadium**

*TheTicketingBusiness News*

**Origin Myths**

*VAN US*

**Officials quietly banned prisoners from receiving used books through the mail. Outcry is now drawing concern in Olympia.**

*The Seattle Times*

**The Mystery of Time's Arrow**

*Nautilus*

**The Corporations Devouring American Colleges**

*The Huffington Post*

**How Norfolk Revived a Treasured Theater**

*CityLab*

**Latest street art lawsuit**

*The Art Law Blog*

**Dysfunctional Household Objects and Fabricated Flowers Cleverly Created by PUTPUT**

*Colossal*

# # #



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Have you found an article you'd like to share? Email the link to [george.tzougros@wisconsin.gov](mailto:george.tzougros@wisconsin.gov).

# # #

The **National Creativity Network** believes that by fostering creativity in our society as a whole, and specifically with future generations, America can remain a leader in innovation and free enterprise. The very future of our communities and institutions depends on our ability to nurture and harness imagination to creatively solve problems. If creativity is to be nurtured, systems, institutions and networks must be transformed.

The opportunities that emerge to transform our nation are largely dependent upon the degree to which we are connected to each other. Our connection will become a catalyst:

- to enhance the flow of relevant information,
- and to improve the ease with which key nodes of creativity, be they in the domains of Education, Commerce, Culture or across disciplines, can gain access to the best thinking, best questions, and most successful practices as well as other resources their ventures may require.

Our strategy is to engage thought leaders across North America to create a powerful network for transformation.

Join Us!

For more information, please go to our [web site](#) or

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<http://nationalcreativitynetwork.org>

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