



National Creativity Network

## ARTICLES OF INTEREST

October 25, 2019

### QUOTE(S) OF THE WEEK

"We sometimes talk as if "original research" were a peculiar prerogative of scientists or at least of advanced students. But all thinking is research, and all research is native, original, with him who carries it on, even if everybody else in the world already is sure of what he is still looking for." – John Dewey

"What we call progress is the exchange of one nuisance for another nuisance." – Henry Havelock Ellis

"To describe externals, you become a scientist. To describe experience, you become an artist. The old distinction between artists and scientists must vanish. Every time we teach a child correct usage of an external symbol, we must spend as much time teaching him how to fission and reassemble external grammar to communicate the internal." – Timothy Leary

"People ask me, 'Don't you ever run out of ideas?' Well, on the first place, I don't use ideas. Every time I have an idea, it's too limiting and usually turns out to be a disappointment. But I haven't run out of curiosity." – Robert Rauschenberg

"Science is a kind of glorified tailoring enterprise, a method for taking measurements that describe something — reality — that may not be understood at all." – Michael Crichton

"Others have seen what is and asked why. I have seen what could be and asked why not." – Pablo Picasso

**12 quotes about reading, writing and storytelling, from TED Talks**  
*Ideas.TED.com*

### VIDEO(S) OF THE WEEK

**How a Teenager From Idaho Invented TV**

*Innovation | Smithsonian*

**How a Diphtheria Outbreak Spawned the Iditarod**

*Smithsonian*

**Watch Google, Facebook, and YouTube's rise to dominance in this hypnotic video**

*Fast Company*

**How is a gummy bear made?**

*Morgridge Institute for Research*

**The Top 5 Creative Brand Ideas You Need to Know About Right Now: October 21, 2019**

*AdAge.com*

**FEATURED EVENTS/OPPORTUNITIES**

**Art at the center: Transdisciplinary creativity**

*Penn State University*

**Through November 5**

**Imagine Nevada Exhibition Opens Oct. 3 at Nevada Humanities Program Gallery**

*Carson City Nevada News*

**Through November 26**

**2019 Science and Cooking Lecture Series offers a global sampling of culinary creativity**

*Harvard John A. Paulson School of Engineering and Applied Sciences*

**Through December 9**

**MathAlive! exhibition Opens October 4, 2019 At The California Science Center**

*Yahoo! Finance*

**Through January 5**

**Cate Blanchett Dons 13 Guises in This Daring Art Installation**

*At the Smithsonian | Smithsonian*

**Through January 5**

**Viewing Iran and Its Complexities Through the Eyes of Visual Artists**

*At the Smithsonian | Smithsonian*

**Through February 9**

**Queens Museum Brings Rube Goldberg Machine to Life**

*Smart News | Smithsonian*

**Through February 2020**

**World's largest exhibit of LEGO art now open at Houston Museum of Natural Science**

*khou.com*

**Through March 29**

**Creative Economy Expert Meeting**  
*UNCTAD Creative Economy Network*  
**October 28**

**NEW** The 2019 Society of Hispanic Professional Engineers National Convention is coming soon to Phoenix, Arizona  
*Diversity In STEAM Magazine*  
**October 30 – November 3**

The University of Hawaii partners with SACNAS conference to help achieve true diversity in STEM  
*Diversity In STEAM Magazine*  
**October 31 – November 2**

**The 2019 Congressional App Challenge Launches Today!**  
*Internet Education Foundation | US House of Representatives*  
**Deadline: November 1**

**Brew Accelerator 7**  
*The Water Council*  
**Deadline: November 3**

**Brew Corporate Accelerator**  
*The Water Council*  
**Deadline: November 3**

**Pilot Program**  
*The Water Council*  
**Deadline: November 3**

**Tech Challenge: Inline Sensors**  
*The Water Council*  
**Deadline: November 3**

**Tech Challenge: AI for Pipe Networks and Systems**  
*The Water Council*  
**Deadline: November 3**

**2019 Future Cities Canada Summit Showcases Community Solutions**  
*Globewirenews.ca*  
**November 7 - 8**

**Students Innovate Grocery Shopping Experience for 2019 National Day of Design**  
*STEMconnector*  
**November 8**

**STEM Art and Film Festival**

*Sigma Xi, The Scientific Research Honor Society*

**November 17**

**Science-Based Innovation Training: Reimagining Program Development and Evaluation**

*Center on the Developing Child | Harvard University*

**November 18**

**Photo Contest 2019 | Rules**

*Smithsonian Magazine*

**Deadline: November 30**

**TEDWomen 2019: Bold + Brilliant**

*TEDWomen*

**December 4 – 6 | Palm Springs, CA**

**JLABS @ Washington, DC Children's QuickFire Challenge**

*JLABS*

**Deadline: February 7, 2020**

**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**

**The World's First Bee Influencer Uses Social Media to Raise Funds for Lifesaving Pollinator Research**

*Colossal*

**Culturomics: Big Data Studies Human Behaviour**

*Imagination Matters*

**Why more play is the key to creativity and productivity**

*Big Think*

**How leading innovators are pulling farther ahead**

*McKinsey & Company*

**Here are the winners of the first contest for hacker stock photos**

*Fast Company*

**Don't Kill Innovation with Excessive Regulation**

*Scientific American Blog Network*

**AI allows paralyzed person to 'handwrite' with his mind**

*Science | AAAS*

**Researchers Discuss Technology and Social Justice at Harvard Law School**

*News | The Harvard Crimson*

**Pew-Funded Scientists Recognized for Promising Research**

*The Pew Charitable Trusts*

**Time to up our STEM game**

*CommonWealth Magazine*

**Mexico Fashion Week: Showcasing the work of contemporary designers and traditional artisans**

*CNN Style*

**The Three Frontiers of Innovation**

*CSO Online*

**Society For Neuroscience Assists Scientists Denied U.S. Visas**

*Shots - Health News : NPR*

**NIH Director on His Vision of the Future of Medical Science**

*Time*

**Creativity is the key to the arts and the sciences**

*Letters | Education | The Guardian*

**How 'Moonlight Serenade' Defined a Generation**

*At the Smithsonian | Smithsonian*

**This Type of Algae Absorbs More Light for Photosynthesis Than Other Plants**

*Science | Smithsonian*

**Why #MeToo is about #GirlsToo**

*Girls, Inc.*

**Revisions to a major test could help teacher candidates pass**

*The Hechinger Report*

**The National Computer Science for All Movement Grows, CSforALL Community Announces 250+ New Education Efforts**

*Medium*

**Ready, Set, Hack: All women hackathon champions diversity in STEM fields**

*KOLD*

**The new science fossil fuel companies fear**

*Politico*

**The artificial leaf capable of producing 'clean' fuel**

*The Telegraph*

**Doctors' Expectations Make Pain Treatments More Effective, Research Finds**

*Shots - Health News : NPR*

**Five Takeaways from Our Innovation Conversation with Clorox**

*Innovation Management*

**Los Angeles is testing 'plastic asphalt' that makes it possible to recycle roads**

*Fast Company*

**What will 5G mean for you? A reality check on the hype**

*Fast Company*

**Google Claims a Quantum Breakthrough That Could Change Computing**

*The New York Times*

Also

**Here's what quantum supremacy does—and doesn't—mean for computing**

*MIT Technology Review*

**Google CEO Sundar Pichai on achieving quantum supremacy**

*MIT Technology Review*

**Opinion | YouTube Is Erasing History**

*The New York Times*

**Protecting the most vulnerable patients during anesthesia**

*Morgridge Institute for Research*

**Google just released a 'phone' made of paper**

*Fast Company*

**Why we need to stop idolizing big tech**

*Fast Company*

**The techno-utopian visions of Google and Facebook are dead. What comes next?**

*Fast Company*

**This is your brain on improvisation—and why your creativity depends on it**

*Fast Company*

**8 Designers' Tips for Better Visual Storytelling**

*IDEO Blog*

**Why Corporate Transformations Fail So Consistently (And How To Fix It)**

*Innovation Excellence*

**America's Math Curriculum Doesn't Add Up (Ep. 391)**

*Freakonomics*

**Earth can absorb a shocking amount of carbon: here's how**

*National Geographic*

**New fossils offer rare glimpse at life after a global apocalypse**

*National Geographic*

**The Shadowy Consortium That Controls Emoji**

*The New Republic*

**Facebook isn't free speech, it's algorithmic amplification optimized for outrage**

*TechCrunch*

**National Children's Museum won't open on time**

*The Washington Post*

**Expanding Focus on Queer Art, Leslie-Lohman Museum Plans Acquisition Endowment and Capital Campaign, Drops 'Gay and Lesbian' from Name**

*ARTnews*

**The hunt for Shakespeare's library: 'I couldn't stop looking if I wanted to'**

*Books | The Guardian*

**Ginsburg wins Berggruen Prize for 'thinker' whose ideas changed society**

*The Washington Post*

**The Smithsonian's Black-History Museum Will Always Be a Failure and a Success**

*The New Yorker*

**Opinion | Elizabeth Warren Has a Poet on Her Team. Here's Why That's a Good Idea.**

*The New York Times*

**The Necessity of Musical Hallucinations**

*Nautilus*

**UW-Platteville professor develops system for detecting tiny defects in bridges**

*WisBusiness*

**Urban Tetris by Mariyan Atanasov Imagines Bulgarian Architecture as the Classic Video Game**

*Colossal*

**Crossroads of Culture and Creativity: Exploring the National Hispanic Cultural Center**

*National Endowment for the Arts*

**The U.S. is woefully behind in funding research at universities**

*Fast Company*

**New study assesses the impact of business accelerators and incubators**

*Nesta*

**A 'Microneedle' Pill You Can Swallow Could Replace Insulin Shots**

*Innovation | Smithsonian*

**One Man, Two Kinds of Creativity**

*Scientific American Blog Network*

**3M Launches New Brand Campaign that Demonstrates How Innovation and Action Improves Lives**

*Business Wire*

**NOMA's 2019 Conference Offers Lessons in Design Justice and Recruiting the Next Wave of Licensed Architects**

*Architectural Record*

**OP-ED: Importance of educators of color for Black & Brown students**

*New York Amsterdam News: The new Black view*

**Trump relaunches advisory council for science and technology**

*FedScoop*

**U.S. CTO: How America Achieved 'Quantum Supremacy'**

*Fortune*

**Engineering, Beauty and a Longing for the Infinite**

*Scientific American Blog Network*

**Embattled Russian scientist sharpens plans to create gene-edited babies**

*Science | AAAS*

**NASA Gifts CSUN \$3M to Study All Aspects of Artificial Intelligence**

*SCVNews.com*

**Lights, camera, action**

*Harvard John A. Paulson School of Engineering and Applied Sciences*

**Alzheimer's drug resurrected, as company claims clinical benefits**

*Science | AAAS*

**Alzheimer's may scramble metabolism's connection to sleep**

*Science News*

**In Alzheimer's research, MIT scientists reveal brain rhythm role**

*EurekAlert! Science News*



**Space Farmers Could Grow Crops in Lunar and Martian Soil, Study Suggests**  
*Smart News | Smithsonian*

**The Age of Innovation is Here to Stay, Are You Prepared for It?**  
*Idea to Value*

**Infographic: Top Design Trends Expected To Take 2020 By Storm**  
*DesignTaxi.com*

**If You Have a Problem, Ask Everyone**  
*Imagineer7's Weblog*

**This beer brand turned a hockey game into a full-scale orchestral concert**  
*AdAge.com*

**Google says it's achieved 'quantum supremacy,' but IBM says nope**  
*Fast Company*

**Disney's Iger: Marvel movies aren't 'less' than Scorsese, Coppola classics**  
*Fast Company*

**Figma's new Community feature isn't just a way to show off designs**  
*Fast Company*

**This man says Big Tech is 'the greatest threat to democracy since the Civil War'**  
*Fast Company*

**Amazon Almost Killed Target. Then, Target Did the Impossible**  
*Inc.com*

**Two buttons on offer**  
*Seth's Blog*

**What if private equity ran medical schools?**  
*Innovation Excellence*

**Focus on the Right Work Product and the Rest Will Fall in Place**  
*Innovation Excellence*

**Climate change has finally caught up Newtok, Alaska**  
*National Geographic*

**'Extinct or Alive' shows not all hope is lost for wildlife**  
*GOOD*

**When a Calling Won't Be Denied**  
*Passion! | Psychology Today*

**Invented Languages and the Science of the Mind**  
*Language Unlimited | Psychology Today*

**Cultural Appropriation, Appreciation, and Denigration**

*Hot Thought | Psychology Today*

**How Brain Fog Can Boost Creativity and Spark Innovation**

*Tracking Wonder | Psychology Today*

**An Occasion for Unselfing: Iris Murdoch on Imperfection as Integral to Goodness and How the Beauty of Nature and Art Leavens Our Most Unselfish Impulses**

*Brain Pickings*

**Bernardine Evaristo doubles lifetime sales in five days after joint Booker win**

*Books | The Guardian*

**Interview: 'Jeopardy!' Co-Head Writer Michele Loud**

*Vulture*

**When 'Angels in America' Came to East Texas**

*Texas Monthly*

**All 435 Illustrations from John J Audubon's 'Birds of America' Are Available for Free Download**

*Colossal*

**J.S. Bach the Rebel**

*Lapham's Quarterly*

**Opinion | Why Aren't We Curious About the Things We Want to Be Curious About?**

*The New York Times*

**English majors are down 25.5 percent since the Great Recession, just as world's top economists say we need more 'storytellers.'**

*The Washington Post*

**Machines Beat Humans on a Reading Test. But Do They Understand?**

*Quanta Magazine*

**3 innovative ideas helping the world's poorest children**

*World Economic Forum*

**The Army Is Looking for a Few Good Art Experts**

*The New York Times*

**See the year's best pictures of the hidden microscopic world**

*National Geographic*

**Maker: A Documentary On The Maker Movement**

*Imagination Matters*

**Quantum Computing Is Coming, Bit by Qubit**

*The New York Times*

**These 6 centers show how Baltimore's biggest employers are integrating tech and innovation**

*Technical.ly Baltimore*

**UH FemTech Innovation Challenge focused on products, technology for women**

*San Antonio Express-News*

**This Week in Washington IP: America's Innovation Leadership, Facebook's Financial Industry Impact and Personal Data Ownership**

*IP Watchdog*

**Waltons backing research institute**

*Arkansas Online*

**Andrew Peterson: Creativity Isn't Just for 'Creatives'**

*Christianity Today*

**creative:impact - "Unleashing Imagination And Creativity" Is The Goal Of Leaders At U-M**

*WEMU*

**Spotlight on economic and social innovation marred by racial bias and exclusion**

*The Conversation*

**Human Mini-brains Created in Lab May Become Sentient and Able to Feel Pain, Scientists Warn**

*Newsweek*

**100,000 students and counting**

*aboutAmazon.com*

**Teaching computer science for a new digital world**

*Quartz*

**How parental gender bias affects girls' performance in math**

*Quartz at Work*

**Getting girls to code requires cultural change, says nonprofit founder**

*EdScoop*

**New Report Pushes for Greater Diversity in Esports**

*THE Journal*

**Massachusetts kicks off STEM Week**

*Worcester Business Journal*

**What Will the Internet Look Like in 2030?**

*Gizmodo*

**Scientists Debut Precise New Gene-Editing Technique That Overcomes Some of CRISPR's Problems**

*Gizmodo*

**New accelerated Master of Science in Design + Innovation engages five disciplines, sparks creativity, excites employers**

*UW-Madison News*

**First-of-its-kind initiative to shine a yearlong spotlight on the Windy City's vibrant music scene**

*Reel Chicago*

**The diversity industry is worth billions. But what do we have to show for it?**

*Fast Company*

**This startup is building a massive indoor farm in a Rust Belt steel town**

*Fast Company*

**Two top designers debate the value of "design thinking"**

*Fast Company*

**Two years in the making, Pizza Hut tests a round pizza box**

*Fast Company*

**How Harper Lee inspired Patreon's CEO to give money to unknown creators**

*Fast Company*

**Forget 'fail fast.' Here's how to truly master digital innovation**

*MIT Sloan*

**Four Horsemen of the Brainstorm cartoon**

*Marketoologist | Tom Fishburne*

**5 Cutting Edge Music Tech Startups Vie For Music Innovation Prize By Web Summit**

*hypebot*

**3 Keys to Finding a Creative Breakthrough**

*Creativity At Work*

**Are Empathy and Innovation in the Cards?**

*Innovation Excellence*

**These human-size crystals formed in especially strange ways**

*National Geographic*

**Neil deGrasse Tyson reveals why people are wrong about race**

*GOOD*

**Creativity Runs on Passion**

*Creativity: The Art and Science | Psychology Today*

**An Occasion for Unselfing: Iris Murdoch on Imperfection as Integral to Goodness and How the Beauty of Nature and Art Leavens Our Most Unselfish Impulses**  
*Brain Pickings*

**Acting changes the brain: it's how actors get lost in a role**  
*Aeon Ideas*

**Instagram stories viewed by strangers: bots and mass viewing.**  
*Slate.com*

**Glass art is a gas guzzler. Can Seattle stoke the flames of environmental change?**  
*Crosscut*

**"Everybody Is Freaking Out": Freelance Writers Scramble to Make Sense of New California Law**  
*Hollywood Reporter*

**Stephen King's Maine Home to Become a Museum**  
*Mental Floss*

**100,000 Hand-Arranged Stamps Form Complex Mosaics by Elisabetta Di Maggio**  
*Colossal*

**It's Time To Take Creativity Seriously For Children**  
*Imagination Matters*

**Drawn From Poverty: Art Was Supposed to Save Canada's Inuit. It Hasn't.**  
*The New York Times*

**Every Atom Belonging to Me as Good Belongs to You: Whitman's Immortal Words, Illustrated in Stunning Cyanotype**  
*Brain Pickings*

**NASA Astronauts Complete the First All-Female Spacewalk**  
*The New York Times*

**Women Scientists Were Written Out of History. It's Margaret Rossiter's Lifelong Mission to Fix That**  
*Science | Smithsonian*

**Ladies first: The first all-female spacewalk and the future of women in the sciences**  
*Opinion | New York Daily News*

**The Guardian view on creativity in schools: a missing ingredient**  
*Editorial | Opinion | The Guardian*

**Book review of The Optimist's Telescope: Thinking Ahead in a Reckless Age by Bina Venkataraman**  
*The Washington Post*

**U.S. initiative grapples with ethical questions on brain research**

*Spectrum | Autism Research News*

**AI Is Hard But Worth the Investment**

*News & Opinion | PCMag.com*

**What Teach to One Has to Teach About Education's Innovation Problem**

*Rick Hess Straight Up | Education Week*

**Nine Ways Technology Can Boost STEM Learning**

*Homeroom | ED.gov Blog*

**Can the design of a building improve the creative output of its occupants?**

*Phys.org*

**All Hail the Blob, the Smart Slime Mold Confounding Science**

*WIRED*

**How Mailchimp's Headquarters Fuels Creativity**

*Entrepreneur*

**How this school designed a robotics program from the ground up**

*eSchool News*

**As TikTok walks a political tightrope, Girls Who Code finds its voice there**

*AdAge.com*

**Overlooked No More: Lotte Reiniger, Animator Who Created Magic With Scissors and Paper**

*The New York Times*

**He Was Unbearably Itchy, but the Problem Wasn't in His Skin**

*The New York Times*

**Report: Amazon has an expired foods problem**

*Fast Company*

**AOC, Ted Cruz, and others blast Apple's Cook for 'censorship' of HKmap.live**

*Fast Company*

**These shoes are made from bamboo, sugarcane, and cork—and totally carbon neutral**

*Fast Company*

**The city with the best fiber-optic network in America might surprise you**

*Fast Company*

**Computers have an unlikely origin story: the 1890 census**

*Fast Company*

**Slave labor camps are supplying American fashion brands**

*Fast Company*

**Five steps Intel is taking to increase workplace diversity**

*Fast Company*

**Holy cacao! There has just been an innovation in the world of chocolate**

*Fast Company*

**Evolution of New Products cartoon**

*Marketoologist | Tom Fishburne*

**Looking at Eric Ries and The Startup Way**

*Innovation Excellence*

**This Small Startup Is Building The Tools That May Power The Quantum Era**

*Innovation Excellence*

**How Big Companies and Startups Use Co-Creation to Innovate**

*Innovation Excellence*

**Turning your corporate assets in new ventures**

*Innovation Excellence*

**Seven Trends Driving The Future of Innovation**

*Innovation Excellence*

**15 Video Games That Are Fun (And Educational)**

*Imagination Matters*

**Creativity Is Where Innovation Starts**

*Gregg Fraley Blogg*

**Most shoes are made with lots of plastic. Can that change?**

*National Geographic*

**First all-woman space walk puts spotlight on spacesuit design**

*National Geographic*

**Ditch Linear Thinking**

*A Wider Lens | Psychology Today*

**Older Adults Never Truly Start from Scratch**

*(R)aging with Grace | Psychology Today*

**High Schools to TikTok: We're Catching Feelings**

*The New York Times*

**BalletMet dancer hopes new downtown Columbus billboard will inspire future ballerinas of color**

*WBNS-10TV*

**Choreographer Mark Morris On 'Out Loud,' A Memoir Of A Life In Dance**  
*NPR*

**Remembering Ballet Dancer Alicia Alonso**  
*NPR*

**Nobel Literature Prize judges defend controversial award for Peter Handke**  
*BBC News*

**Keith Haring Mural Cut Out of New York Stairwell Heads to Auction**  
*The New York Times*

**Netflix Heads Into Showdown With Slowing Subscriber Growth**  
*The New York Times*

**Mathematicians Unsure about Equal Sign's Future**  
*Mental Floss*

**Complex Societal Issues Conveyed in Minimalist Editorial Illustrations by Eiko Ojala**  
*Colossal*

# # #

This email is a free service of the **National Creativity Network (NCN)**. The articles are from a variety of sources and, therefore, do not necessarily reflect the views of the NCN. Despite our best efforts, links may fail without warning since each news source posts and archives its articles differently. We apologize for any inconvenience.

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

**National Creativity Network**

133 West Main Street, STE 100

Oklahoma City, Oklahoma 73102

<http://nationalcreativitynetwork.org>

Visit our [Facebook page](#) and follow us on [Twitter](#).