



National Creativity Network

## ARTICLES OF INTEREST

After today, the *NCN Articles of Interest* will be on an extended winter break. All of us at the National Creativity Network wish you and yours Season's Greetings, and health and happiness throughout the New Year!

**December 16, 2022**

### QUOTE(S) OF THE WEEK

"Failure will never overtake me if my determination to succeed is strong enough." – Og Mandino

"Order and simplification are the first steps toward the mastery of a subject." – Thomas Mann

"There are no mistakes, no coincidences. All events are blessings given to us to learn from." – Elizabeth Kubler-Ross

"If one advances confidently in the directions of his dreams, and endeavors to live the life which he has imagined, he will meet with a success unexpected in common hours." – Henry David Thoreau

"Curiosity is the essence of human existence." – Eugene Cernan

"The Universe is made of stories, not of atoms." – Muriel Rukeyser

"The function of the imagination is not to make strange things settled, so much as to make settled things strange." – G. K. Chesterton

"If we have learned one thing from the history of invention and discovery, it is that, in the long run — and often in the short one — the most daring prophecies seem laughably conservative." – Arthur C. Clarke

### VIDEO(S) OF THE WEEK

**Announcing the most popular TED Talks of 2022**

*TED Blog*

**The legendary Kevin Bacon has given us the surprise Christmas song of the season**

*Upworthy*

**Watch Back from The Dead: The Difficulties and Dilemmas of De-Extinction**

*The Science and Entertainment Exchange*

**UNESCO welcomes the acclaimed cellist Yo-Yo Ma**

*UNESCO*

**Freedom in Uncertainty | Victoria Ng**

*CreativeMornings | Berlin*

**How to meaningfully reconnect with those who have dementia | Anne Basting**

*TEDMED 2020*

**Ride the Emotional Rollercoaster of Entrepreneurship in Siqi Song's Series of Stop-Motion Animations**

*Colossal*

**Watch Our Future Robot Companions**

*The Science and Entertainment Exchange*

**A Verdant Ecosystem Emerges from a Barren Landscape in the Animated Music Video for Moomin's 'For Willow'**

*Colossal*

**Today's Engineers | Dr. Paula T. Hammond**

*National Academy of Engineering*

**Are brain implants the future of computing?**

*The Economist*

**FEATURED EVENTS/OPPORTUNITIES**

**"I Dream a World: Selections From Brian Lanker's Portraits of Remarkable Black Women"**

*Smithsonian Voices | National Portrait Gallery*

**Through January 29, 2023**

**Now accepting applications: NEA Big Read and Shakespeare in American Communities**

*Arts Midwest*

**Deadline: January 25 | NEA Big Read**

**Deadline: February 8 | Shakespeare in American Communities**

**Nurture Creativity. Build the Future.**

*Crayola Creativity Week*

**January 23 - 29, 2023**

**NEW Teacher Innovator Institute**

*National Air and Space Museum | Smithsonian*

**Deadline: February 15**

**TED2023**

*TED Conferences*

**April 17 – 21, 2023**

**NEW ENCATC ACADEMY 2023 – A holistic space to exchange, learn and thrive in sustainable change-making for culture**

*ENCATC*

**April 24 - 27**

**NEW The State of Creativity - Policy. Research. Industry**

*Creative Industries PEC, UK*

**April 27**

**NEW Search Begins for 3M and Discovery Education's 2023 America's Top Young Scientist**

*Yahoo Finance*

**Deadline: April 27**

**9th World Summit on Arts & Culture**

*International Federation of Arts Councils and Culture Agencies*

**May 3 - 5, 2023 | Stockholm, Sweden**

**Call for Articles | General Issue**

*European Journal of Cultural Management and Policy | ENCATC*

**Deadline: Ongoing**

**Idea Jams 2021/2022**

*Canadian Network for Imagination and Creativity*

**Series**

**CreativeMornings | a monthly breakfast lecture series**

*CreativeMornings*

**Various**

**Nesta Talks to...**

*Nesta*

**Various**

**Interactive Map | Science Festivals**

*Science Festival Alliance*

**Various**

## ARTICLES OF INTEREST

**The seas of Avatar: James Cameron on the real science behind his fictional world**  
*National Geographic*

**The unseen forces that can cause your great new idea to crash and burn**  
*ideas.TED.com*

**How many Lego bricks would it take to build the Empire State Building? 409 billion, to be exact**  
*Co.Design | Fast Company*

**Slow modems**  
*Seth's Blog*

**Scientists Create a Vaccine Against Fentanyl**  
*Smart News | Smithsonian*

**3 innovations that will help achieve a technology-led transition**  
*World Economic Forum*

**A 17-year-old's new synchronous reluctance motor outperforms traditional designs**  
*Interesting Engineering*

**Why Engineering With Nature Could Save New Orleans And The Mekong Delta**  
*Forbes*

**NBA Mexico VP Raul Zarraga: 'We See Enormous Potential'**  
*Forbes*

**How does music affect your brain?**  
*Live Science*

**Instant Genius Podcast: Brain-controlled machines, with Tom Carlson**  
*BBC Science Focus Magazine*

**To Fail Beyond the Sunset... GPT Chat writes rhymes, not poetry—and doesn't know the difference.**  
*Virginia Postrel's Newsletter*

**The Best New Podcasts of 2022**  
*Variety*

**Instagram's Favorite New Yorker Cartoons in 2022**  
*The New Yorker*

**London Initiative Will Give Away 1,000 Free Theater Tickets Every Week**  
*Smart News | Smithsonian*

**“Timed” Math Tests Destroy Kids’ Love Of Math**

*Clive Thompson | Medium*

**Inside Microsoft’s quest to lead the new era of design**

*Fast Company*

**Portable Magic: A History of Books and Their Readers**

*Next Big Idea Club*

**Index, A History of the: A Bookish Adventure from Medieval Manuscripts to the Digital Age**

*Next Big Idea Club*

**Around the World in 80 Books**

*Next Big Idea Club*

**DreamWorks Alumni Are Making A Prequel Of ‘Winnie-The-Pooh’**

*DesignTAXI.com*

**Amazon to Publish the Next Tomb Raider Video Game**

*The New York Times*

**‘The Little Mermaid’ and ‘Iron Man’ Join National Film Registry**

*The New York Times*

**Best Art Books of 2022**

*The New York Times*

**Whales may be a secret weapon in the fight against climate change**

*Fast Company*

**Here’s why big tech has failed to disrupt healthcare**

*Fast Company*

**Best games of 2022 chosen by NPR**

*NPR*

**Great Design Requires Great Testing**

*Human-Centered Change and Innovation*

**10 of our absolute favorite photos from National Geographic’s Pictures of the Year 2022 issue**

*Upworthy*

**Grassroot Soccer scores a hat trick for African youth**

*Gates Notes*

**How Do Pandemics Change Health Care?**

*Freakonomics, MD*

**The Robots Are Coming, the Robots Are Coming**

*Brains, Behavior and Beauty | Psychology Today*

**Public Protest Is Not A Democratic Thing To Do**

*3 Quarks Daily*

**Artists Are Revolting Against AI Art on ArtStation**

*Motherboard | Tech by Vice*

**Free, Ad-Supported Television Is Catching On FAST: Boosters Hail It As Second Coming Of Cable, But Just How Big Is Its Upside?**

*Deadline*

**With 'Company,' Antonio Banderas Brings Sondheim to Spain**

*The New York Times*

**HarperCollins staffers are striking. Here's why that matters to readers.**

*MSN, The Washington Post*

**English is picking up brilliant new words from around the world – and that's a gift**

*The Guardian*

**A (hopefully premature) obituary for Bookforum and the magazines that connect us**

*Los Angeles Times*

**Examining the politics of the Marvel cinematic universe**

*Central Time | Wisconsin Public Radio*

**The U.S. is finally investing in domestic chip production—will it make a difference?**

*Fast Company*

**Report From The Commission to The European Parliament, The Council, The European Economic and Social Committee and The Committee of the Regions on the Cultural Dimension of Sustainable Development in EU Actions**

*EU Commission*

**Listen to the Sound of a Dust Devil Swirling Around on Mars**

*Smart News | Smithsonian*

**Did The GPT3 Chatbot Pass the Lovelace Creativity Test?**

*Mind Matters*

**Machine learning and the arts: A creative continuum**

*MIT News | Massachusetts Institute of Technology*

**López Obrador proposes to change the structure of science and technology in Mexico**

*The Cleveland American*

**Exploring Your Creative Genius: Creativity and the Aging Brain**

*Chapelboro.com | Town Square*

**Inductive vs. Deductive Reasoning in Science**

*Illumination | Medium*

**Half of women are ready to leave their jobs. Here's how to keep them**

*Bizwomen*

**Some Like It Hot: Amber Ruffin Reimagines the Beloved Film for a Modern Broadway Audience**

*Vanity Fair*

**There's a Reason There Aren't Enough Teachers in America. Many Reasons, Actually.**

*The New York Times*

**Why gig companies are still arguing whether workers are employees**

*Fast Company*

**Gig workers are racking up legal victories across the world, a new report shows**

*Fast Company*

**Inside Microsoft's quest lead to lead the new era of design**

*Fast Company*

**'Embracing ingenuity, constantly evolving'**

*National Geographic*

**Actors' Equity urges members to push Congress to pass Performing Artist Tax Parity Act**

*Broadway News*

**Splinter Cell: Audio drama, gaming's next frontier?**

*BBC News*

**A Tech Worker Is Selling A Children's Book He Made Using AI. Professional Illustrators Are Pissed.**

*BuzzFeed News*

**YouTube Stars Cash In Video Rights for Millions of Dollars**

*The Wall Street Journal*

**Guillermo del Toro says AI art used in film would be 'an insult to life itself'**

*Polygon*

**The Wild Future of Artificial Intelligence**

*The Atlantic*

**The herd in the head | It is enormously empowering – even intoxicating – to lose yourself to a crowd. That is why we need contrarians**

*Aeon*

**Carol of the Bells: How a Ukrainian Protest Song Became a Christmas Staple**

*Mental Floss*

**Splashdown! NASA's Orion Returns to Earth After Historic Moon Mission**

*NASA*

**Major Fusion Energy Breakthrough to Be Announced by Scientists**

*The New York Times*

Also

**US scientists announce fusion energy breakthrough in 'landmark achievement.' Here's what it means**

*Associated Press*

**Cultivating the Four Kinds of Creativity**

*Harvard Business Review*

**11 book and music recommendations that will ignite your imagination**

*ideas.TED.com*

**How Ada Lovelace used her knowledge of music and embroidery to become a computing legend**

*Fast Company*

**Latino Advocacy Groups Vow to 'Get Loud' in 2023 About Lack of Progress in TV and Film Representation**

*Variety*

**When Nothing Means Everything**

*GapingVoid.com*

**The Top 8 Creativity Books of 2022**

*Next Big Idea Club*

**USPTO director Kathi Vidal spurs patent innovation among women**

*Fortune*

**How Universities Are Developing New Technologies For People With Disabilities**

*Forbes*

**Science Isn't Always Black and White; UConn Sci-Art Gallery Seeks to Add Color**

*UConn Today | University of Connecticut*

**Investing in innovation can help NATO rally Asian democracies**

*Atlantic Council*



**Changing the world one innovation at a time**  
*Toronto Sun*

**An inside look at Hofstra's Science and Innovation Center**  
*The Hofstra Chronicle*

**2022: The Year of the Chip**  
*USC Viterbi | School of Engineering*

**Creativity takes center stage at College of Engineering and Computing Senior Design Showcase**  
*FIU News | Florida International University*

**Inside the Brain of an Octopus**  
*Discover Magazine*

**6 Marvelous Math Stories from 2022**  
*Scientific American*

**Atlanta ranked most creative city in U.S.**  
*Atlanta Agent Magazine*

**Is AI A Risk To Creativity? The Answer Is Not So Simple**  
*Entrepreneur*

**Psychedelics Club Art Show: A Space for Creativity for Its Own Sake**  
*The Harvard Crimson*

**Artists decry use of AI-generated art: 'I'm concerned for the future of human creativity'**  
*The Independent*

**What Shopping Did for American Equality**  
*Essay | The Wall Street Journal*

**New 'Cellular Glue' Concept Could Heal Wounds, Regrow Nerves**  
*CNET*

**Nature's top science graphics from 2022**  
*Nature*

**The World-Changing Race to Develop the Quantum Computer**  
*The New Yorker*

**The Future of STEM Is Female: Coaching Can Open Doors for Generations of Women**  
*Association for Talent Development Blog*

**Middle schoolers learn about STEM in effort to bring more women into field**  
*CBS 58 | WDJT Milwaukee*

**These Are the 100 Greatest Films of All Time, According to 1,600 Critics**  
*Smart News | Smithsonian*

**A science trailblazer retires: Stem cell researcher James Thomson's legacy changed the future of biology**  
*Morgridge Institute for Science*

**Developing the science of science communication**  
*Morgridge Institute for Science*

**With 6 Words, Disney's CEO Explained the Existential Threat Facing the Company. It's a Lesson for Every Leader. Your job is to jealously guard the soul of your company.**  
*Inc.*

**How Chicago Became an Art-World Capital Without Giving In to Art-World Clichés**  
*Harper's Bazaar*

**A multimillion-dollar mystery: Who really wrote the holiday staple 'Jingle Bell Rock?'**  
*Los Angeles Times*

**Picture of Health - The healing power of the arts and humanities holds out hope for today's young doctors-in-training.**  
*Johns Hopkins Medicine News*

**'Nature-rinsing' is the perfect term for our age of climate anxiety**  
*Co.Design | Fast Company*

**How Iranian protesters are using TikTok to avoid government censors**  
*Fast Company*

**5 essential questions to ask to keep from spreading bad ideas**  
*Fast Company*

**'Iron Man,' 'Super Fly' and 'Carrie' are inducted into the National Film Registry**  
*NPR*

**Designing Innovation – Accelerating Creativity via Innovation Strategy**  
*Human-Centered Change and Innovation*

**Is Facebook Bad for Your Mental Health?**  
*Freakonomics M.D.*

**Lensa AI Selfie Editing App Is 'Undressing' Users Against Their Will**  
*DesignTAXI.com*

**Natural Curiosity in Horses**  
*Horse Brain, Human Brain | Psychology Today*

**The Murky Path To Becoming a New York Times Best Seller**

*Esquire*

**Kastner Intermediate School Principal Bars Students from Seeing 'Oliver.' Why Is Overreaction Part of the 'Clovis Way of Life'?**

The Munro Review

**Degrowth can work — here's how science can help**

*Nature*

**Band Aid: The Charitable—and Controversial—History of “Do They Know It's Christmas?”**

*Mental Floss*

**From Bowling Alone to Posting Alone**

*Jacobin*

**Folds in pUG molecules turn off genes and could provide clues about human disease**

*UW-Madison News*

**Engineer vying for Miss America uses platform to show women can succeed in male-dominated fields**

*Wisconsin Public Radio*

**China Maps Out Plans to Put Astronauts on the Moon and on Mars**

*The New York Times*

**2023 Awards**

*The Lewis Prize for Music*

**Inside Cleveland's plans to become a 15-minute city**

*Fast Company*

**Here's how you really experience architecture—according to science**

*Co.Design | Fast Company*

**Welcome to the golden age of car headlight design**

*Co.Design | Fast Company*

**Moonwalkers are billed as the 'world's fastest shoe.' Is that a good thing?**

*Co.Design | Fast Company*

**Willie Mae Thornton was a foremother of rock. These kids carry her legacy forward**

*Weekend Edition Sunday | NPR*

**A Burning Passion - Volcanologists Katia and Maurice Krafft shared a fiery love for their research and each other.**

*American Scientist*

**It was only a matter of time**  
*Seth's Blog*

**6 Ways to Successfully Engage Thought Leaders on Your Innovation**  
*Human-Centered Change and Innovation*

**2022's Funniest Wildlife Photos Prove Animals Are The Original Jokesters**  
*DesignTAXI.com*

**Apple Gets Official Deadline To Switch iPhones from Lightning Port To USB-C**  
*DesignTAXI.com*

**NFTs in the art world: A revolution or ripoff?**  
*The Conversation*

**The Man Who Couldn't Stop Giving - What a Brazilian man's pathological generosity says about the biological roots of philanthropy**  
*The Atlantic*

**REPORT | Canadian Opera Company Reports Sold-Out Shows, Financial Surplus For 2021/2022**  
*Ludwig Van Toronto*

**A Recession Looms Over the Posh World of Influencers**  
*WIRED*

**Horribly low pay is pushing out my fellow authors – and yes, that really does matter**  
*The Guardian*

**Anthony Fauci: A Message to the Next Generation of Scientists**  
*The New York Times*

**They're Taking Jigsaws to Infinity and Beyond**  
*The New York Times*

**Scientists Have Designed a 'Vagina on a Chip'**  
*The New York Times*

**The Best Albums of 2022**  
*Variety*

**'Top Gun: Maverick' Named Best Picture by National Board of Review**  
*Variety*

**The Best Films of 2022**  
*Variety*

**The Best TV Shows of 2022**  
*Variety*

**'Heartstopper' Leads All Winners at 1st Annual Children's & Family Emmys (FULL LIST)**

*Variety*

**Golden Globes 2023: Complete Nominations List**

*Variety*

**UW researchers honored for inventions**

*UW-Madison News*

**NASA's new wonder battery could power electric flight someday**

*Co.Design | Fast Company*

**Screenshots have generated new forms of storytelling, from Twitter fan fiction to desktop film**

*The Conversation*

**Life Is Hard. And That's Good**

*Nautilus*

**Could an A.I. Chatbot Rewrite My Novel?**

*The New Yorker*

**Opinion: What Twitter Does to Our Sense of Time**

*The New York Times*

**How the pandemic affected our approach to reading and interpretation of books**

*The Conversation*

**5 senses? In fact, architects say there are 7 ways we perceive our environments**

*The Conversation*

**The Parasite Companies Killing Creative Artists**

*The Atlantic*

**11 NASA Inventions We Use Every Day**

*Mental Floss*

**'Too Big for a Single Mind' Review: The Quantum Physics Crowd**

*The Wall Street Journal*

**Wakanda is only the start: 'Africanfuturism' and dreaming of bigger, bolder African futures**

*To the Best of Our Knowledge | Wisconsin Public Radio*

**Community voices: broadening participation in Science, Technology, Engineering, Mathematics, and Medicine among persons with disabilities**

*Nature*

**Tech Education Is Racist—Here's How to Fix It, Experts Say**

*Lifewire*

**Dartmouth Creates \$100 million STEM-X Program**

*Dartmouth University*

**Your Brain Uses Calculus to Control Fast Movements**

*WIRED*

**Researchers Managed to Transfer Twice the Global Internet Traffic in a Single Second**

*Gizmodo*

**5 timeless lessons about innovation from some of the most successful founders**

*Fast Company*

**Why Women Aren't Getting VC Funding At The Same Rate As Men**

*Forbes*

**Blue Man Group is so indestructible, it's even outlasting 'Phantom'**

*The Washington Post*

**How We Co-Create and Recreate the World: Octavio Paz on Sor Juana, Poetry as Rebellion, and the Creative Collaboration Between Writers and Readers**

*The Marginalian*

**Favorite Books of 2022**

*The Marginalian*

**The National Defense Space Architecture: Inside Space Force's splashy new initiative**

*Fast Company*

**Is AI-Generated Art 'True Art'? Implications And Considerations For Businesses**

*Forbes*

**This Is Your Brain Without Sleep**

*Discover Magazine*

**And what if you can't tell?**

*Seth's Blog*

**New 'Tonight' Showrunner Reaps Late-Night Rewards by Helping Jimmy Fallon Be Himself**

*Variety*

# # #

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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: <http://nationalcreativitynetwork.org>

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