



National Creativity Network

ARTICLES OF INTEREST

After today, the NCN Articles of Interest will be on an extended winter break and will return on January 10, 2025.

All of us at the National Creativity Network wish you and yours Season's Greetings and health and happiness throughout the New Year!

December 20, 2024

QUOTE(S) OF THE WEEK

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

"What renders man an imaginative and moral being is that in society he gives new aims to his life which could not have existed in solitude: the aims of friendship, religion, science, and art." – George Santayana

"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

"To even mention all the things the bird must constantly keep in mind in order to fly securely through the air would take a considerable part of the evening... The bird has learned this art of equilibrium, and learned it so thoroughly that its skill is not apparent to our sight. We only learn to appreciate it when we try to imitate it." – Wilbur Wright

"Every discovery opens a new field for investigation of facts, shows us the imperfection of our theories. It has justly been said, that the greater the circle of light, the greater the boundary of darkness by which it is surrounded." – Humphry Davy

"Nothing is so fatal to the progress of the human mind as to suppose that our views of science are ultimate; that there are no mysteries in nature; that our triumphs are complete, and that there are no new worlds to conquer." – Humphry Davy

"I cannot be grasped in the here and now. For I reside just as much with the dead as with the unborn. Somewhat closer to the heart of creation than usual. But not nearly close enough." – Paul Klee

"I never set out to be the best player in history. I think I'm just another footballer. On the pitch we are all the same and when the game starts I always try to improve myself. My intention is that when I retire, I will be remembered for being a good person." – Lionel Messi

"All good ideas start out as bad ideas; that's why it takes so long." – Steven Spielberg

"The way a question is asked limits and disposes the ways in which any answer to it — right or wrong — may be given." – Susanne Langer

"For most of human history we have searched for our place in the cosmos. Who are we? What are we? We find that we inhabit an insignificant planet of a hum-drum star lost in a galaxy tucked away in some forgotten corner of a universe in which there are far more galaxies than people. We make our world significant by the courage of our questions, and by the depth of our answers." – Carl Sagan

VIDEO(S) OF THE WEEK

Kate Winslet and Zoe Saldaña - Actors on Acting (Full Conversation)

Variety

Why the NYC Ballet spends nearly \$1 million a year on pointe shoes

Business Insider

Mayor Michelle Wu and the Boston Pops Perform "Rhapsody in Blue" at Symphony Hall - Full Performance

City of Boston

Author Talks | David Brooks

PBS Books

Ava DuVernay and Michael Mann – Directors on Directors (Full Conversation)

Variety

Greta Gerwig and James Cameron – Directors on Directors (Full Conversation)

Variety

Billy Joel Explains the Best Song He Ever Wrote

The Howard Stern Show

The surprising history behind 9 of everyone's favorite Christmas songs

Upworthy

Why design should include everyone | Sinéad Burke

TEDNYC

The Monkees' acapella Christmas song shows they weren't just funny, they could sing, too

Upworthy

Informational Webinar: 2025 Renée Fleming Neuroarts Investigator Awards

The Aspen Institute

Susan Rogers - The Bridge Interviews

National Academy of Engineering

Also

An Interview with . . . Susan Rogers, professor, Berklee College of Music

National Academy of Engineering

FEATURED EVENTS/OPPORTUNITIES

A hidden face of women in STEM - The Scientific Vision of Women

The Chronicle | Duke University

Through February 15

Now at Harvard Business School, “From Concept to Product: Meroë Morse and Polaroid’s Culture of Art and Innovation, 1945–1969”

Harvard Business School Newsroom

Through Spring 2025

2025 Stand-To Veteran Leadership Program

George W. Bush Presidential Center

Deadline: January 5

Sam Mihara Named the 2024 Jefferson Lecturer in the Humanities

National Endowment for the Humanities

January 15

60th Anniversary of the 1964 Civil Rights Act Art Contest (Visual, Performing, Literary, and Media Arts)

US Equal Employment Opportunity Commission

Deadline: January 20

NEW Cultivating Human Connection and Creativity in the Intelligent Age: Annual Meeting 2025 Arts & Culture programme

World Economic Forum

January 20 - 24

NEW NSF seeks input to enhance IP provisions in public-private research partnerships

US National Science Foundation

Deadline: January 24

NSF Game Maker Awards

US National Science Foundation

Deadline: January 31

Renée Fleming Investigator Award Application Form

NeuroArts Blueprint

Deadline: February 1

Also

Renée Fleming's message on the transformative power of the Award to inspire critical research.

NeuroArts Blueprint

NEW 2025 Writing Contest: Innovating Smarter

Engineer Girl

Deadline: February 1

THE POWER OF COMMUNITY - South and Appalachian Creative Placemaking Conference

Creative Placemaking Communities and The King's Canvas

April 1 – 3 | Montgomery, AL

Humanity Reimagined

TED 2025

April 7 –11, 2025

Rhiannon Giddens' announces Biscuits & Banjos, a Black music & culture festival

Hyfin

April 25 – 27

10th World Summit on Arts & Culture

International Federation of Arts Councils and Culture Agencies (IFACCA)

May 27 - 30 | Seoul, South Korea

NEW 2025 Science Events Summit

Science Events

June 8 - 10 | Philadelphia, PA

2025 National Arts Integration and STEAM Conference

Creativity Rising

July 8 – 9, 2025 | Baltimore, MD

Social Connection Conference

Foundation for Social Connection

October 28 - 30

Call for Articles | General Issue

European Journal of Cultural Management and Policy | ENCATC

Deadline: Ongoing

Twenty-Four Smithsonian Shows to See in 2024

At the Smithsonian | Smithsonian Magazine

Various

Idea Jams 2024/2025

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

Let's Not Forget Charles Dickens's Other Christmas Ghost Stories!

Literary Hub

What Creative People Do Differently

Decade of Childhood | Psychology Today

How to Make Something from Nothing

Freakonomics Radio

150 Years Ago, Thomas Edison Discovered the Secret to Exceptional Creativity. It Still Works Today

Inc.com

MIT welcomes Frida Polli as its next visiting innovation scholar

MIT News

Marquette University, A. O. Smith and Accenture complete 'Interchange' project to engage, immerse students in business

Marquette University News Room

Reflecting on 2024 at Sound Diplomacy

Sound Diplomacy

AI writing is improving, but it still can't match human creativity

Science

Biden-Harris Administration Honors Extraordinary American Scientists

The White House

The competition empowering and transforming U.S. communities

US National Science Foundation

NSF and Lemelson Foundation launch first joint research awards for Environmental Sustainability in Engineering Education
US National Science Foundation

Opinion | Building a Future-Ready Arkansas: A Call for Leaders to Invest in STEM Talent and Innovation
Arkansas Money & Politics

How Canada's innovation minister is bracing for a US trade war
Politico

Crafting visual worlds: scientist-artist Nicolas Decat's vision for science storytelling
Communications Biology | Nature

Tilda Swinton and Adrien Brody — Actors on Actors (Full Conversation)
Variety

Why Perfectionism Limits the Productivity of Women in STEM
All Together | Society of Women Engineers

Opinion: Most College Science Professors Aren't Trained to Teach
Undark

Helping science-averse teachers integrate STEM and literacy
eSchool News

Filmmakers sue to end "unconstitutional" permitting rules to shoot in national parks
The Hollywood Reporter

UK arts and media reject plan to let AI firms use copyrighted material
The Guardian

WHAT IS LIFE? (Part 1): A Mind-Bending Conversation with Sara Walker
The Next Big Idea Podcast

Also

WHAT IS LIFE? (Part 2): Consciousness, AI, and Aliens
The Next Big Idea Podcast

14 Productivity Books That Got Us Unstuck in 2024
Next Big Idea Club

History Rhyming Yet Again
Gapingvoid

Opinion | Poor Harvard Numbers Show Impact of SCOTUS Affirmative Action Ruling
Diverse Issues in Higher Education

G.M. Led in China for Years. Here's How It Ended Up 16th in Sales.

The New York Times

Nvidia's Booming A.I. Business Collides With U.S.-Chinese Tensions

The New York Times

In This Industrial Design Class, Students Eat Their Homework

The New York Times

The Design Trend Taking Over Rural America

The New York Times

Also

When a Barndominium Won't Do, Try a Shouse

The New York Times

Netflix Scores FIFA Women's World Cup Exclusive U.S. Rights for 2027 and 2031

Variety

Reel Talk: Saving America's Public Media Matters More Than You May Know

Mellon Foundation

Google releases its own 'reasoning' AI model

TechCrunch

Daron Acemoglu thinks AI is solving the wrong problems

AI 20 | Fast Company

MacKenzie Scott donates another \$2 billion in 2024

Impact | Fast Company

The 2024 winter solstice is here: Meaning, date and time, historical significance, and why it matters

Fast Company

From Beyoncé's boots to Trump's ear bandage: 12 objects that defined 2024

Design | Fast Company

Inside the making of 50 years of iconic 'Saturday Night Live' opening credits

Design | Fast Company

The best design books of 2024

Design | Fast Company

This small cooperative of artisans is taking on Etsy

Design | Fast Company

Your AI Questions, Answered

IDEO Journal

Think you can't dance? Get up and try these tips in our comic. We dare you!
Life Kit | NPR

MIT's trillion-frames-per-second camera can capture light as it travels
Upworthy

How to Walk on The Wild Side
A Wider Lens | Psychology Today

How a Scrappy New Publisher Landed 25 Books on the Best-Seller List in a Year
The New York Times

Aging Out | Many of us do not go gentle into that good night
The American Scholar

My research on the politics of smell divided the internet – here's what it's actually about
The Conversation

MIT paid \$1.3 million for a landscape artwork by Maya Lin. Then it forgot to tell anyone.
The Boston Globe

MonkeyBird's Majestic Murals Bend Time Through Elaborately Stenciled Compositions
Colossal

The Diagnostician of Despair
The American Scholar

Artificial Intelligence's Involvement in the Human Creative Process
Arts Management and Technology Laboratory

The Art of Refusal
Think Bigger | Psychology Today

Pharrell Williams appointed UNESCO Goodwill Ambassador by Audrey Azoulay
UNESCO

Membership of new Creative Industries Taskforce announced
Gov.UK

NSF 2024: Investing in the nation's scientific and competitive future
US National Science Foundation

Breaking Stereotypes: Why Women Over 50 Are The Future Of Business
Forbes

Commentary | A path to shared prosperity in Mexico - Making policies for economic autonomy work for all women
Brookings

Box Office Studio Report Card: Disney's Billion-Dollar Rebound, Apple and Lionsgate Flop Hard and More

Variety

Why Big Hits Like 'Wicked,' 'Beetlejuice 2' and 'Twisters' Still Struggled at the International Box Office

Variety

Controversial COVID study that promoted unproven treatment retracted after four-year saga

Nature

Brady Corbet and Sean Baker -- Directors on Directors (Full Conversation)

Variety

Shawn Levy and Jon M. Chu -- Directors on Directors (Full Conversation)

Variety

How I Became An Environmental Policy Strategist - Michael Mendez | I Was Born

LabX

What would happen to the human body moving at near lightspeed?

Popular Science

Inspiring Curiosity and Critical Thinking in Pre-K

Project Based Learning | Edutopia

Here's a Hollywood Twist: Streaming Success Runs Through Theaters

The New York Times

Demi Moore and Amy Adams -- Actors on Actors (Full Conversation)

Variety

Zoe Kravitz and Matt Reeves -- Directors on Directors (Full Conversation)

Variety

Colman Domingo and Kieran Culkin -- Actors on Actors (Full Conversation)

Variety

Call ChatGPT from any phone with OpenAI's new 1-800 voice service

Ars Technica

Reverse mentorship: What executives can learn from their younger employees

Fast Company Executive Board | Fast Company

How OpenAI's Jerry Tworek found a new way forward for large language models

AI 20 | Fast Company

The story behind the year's best book cover

Design | Fast Company

Holiday Inn is getting a millennial makeover

Design | Fast Company

The Supreme Court will hear arguments over the TikTok ban

Tech | Fast Company

Ideas need handles: the thing about subject lines

Seth's Blog

How to Make Something from Nothing

Freakonomics Radio

Cookie Monster, Big Bird and Elmo need new 'Sesame Street' address

MSN, Los Angeles Times

The hidden science swirling in 'The Starry Night'

Yahoo! News, The Washington Post

Is Mikhail Baryshnikov the Last of the Highbrow Superstars?

The New York Times

Disney Becomes Only Studio To Hit \$2 Billion At Domestic Box Office In 2024

Deadline

Tropical Birds Burst to Life in the Intricate Paper Cutouts of 'The Parrot Project'

Colossal

National Endowment for the Arts Statement on the Death of National Heritage Fellow Ustad Zakir Hussain

National Endowment for the Arts

Oscars Shortlist Announced in 10 Categories: 'Emilia Pérez,' 'Wicked' and 'Gladiator II' Lead the Charge

Variety

Campus secures funding for innovative research projects addressing climate action and linguistic diversity

UC Santa Cruz Newscenter

End-of-Year Recap: A Year of Creative Growth & Community Connection at the Arts Initiative

University of Michigan Arts Initiative

Unlocking the Palette of Healing: A Journey Through Art's Restorative Power

Blob

150 Years Ago, Thomas Edison Discovered the Secret to Exceptional Creativity. It Still Works Today

Inc.com

YouTube launches AI tools to help talents deal with digital doppelgängers

Design Taxi

A Third Person Has Received a Transplant of a Genetically Engineered Pig Kidney

WIRED

Want to improve STEM education? Here's how

eSchool News

Science in 2025: the events to watch for in the coming year

Nature

The challenge of being neurodivergent in STEM

Chemical and Engineering News

Favorite Books of the Year: Art, Science, Poetry, Psychology, Children's, and More

The Marginalian

How the Wright Brothers Took Flight

At the Smithsonian | Smithsonian Magazine

What 'It's a Wonderful Life' Teaches Us About American History

At the Smithsonian | Smithsonian Magazine

"None of These Books Exist. An Inventive New Exhibition Asks: What If They Did?"

Smart News | Smithsonian Magazine

Saving the world's largest sea star from extinction just got interesting

National Geographic

'Social Network,' 'Texas Chainsaw Massacre' and 'Dirty Dancing' Among Movies Added to National Film Registry

Variety

Wang's dendrite suppressing membrane nominated for WARF Innovation Award

College of Engineering | University of Wisconsin-Madison

Can American Adults Still Do Math?

AEIdeas | American Enterprise Institute

Math student helps build "Grumobile" from "Despicable Me"

Mathematics | University of Waterloo

Engineering Imagination

Ohio Northern University

NSF seeks input to enhance IP provisions in public-private research partnerships

US National Science Foundation

Deadline: January 24

Public thinks creativity can promote community cohesion, study reveals

Arts Professional

Here are 8 remarkable scientific firsts of 2024

Science News

UCLA Diversity Report Finds White Men Dominate Most-Watched Streaming Shows As Lead Actors, Series Creators

Variety

Luca Guadagnino and Denis Villeneuve — Directors on Directors (Full Conversation)

Variety

With a Clip-Clip Here: Sewing Up Oz for “Wicked”

The New Yorker

Establishing White House Initiative for STEM Educational Excellence & Workforce Development at the U.S. Department of Education

Federation of American Scientists

SWE’s Anti-Diversity, Equity, Inclusion, and Belonging Legislation Response and Action

All Together | Society of Women Engineers (SWE)

Community colleges loosen STEM math placement rules, calming some critics

Ed Source

Why Has Gold Dazzled So Many Cultures Throughout History?

Smart News | Smithsonian Magazine

The Top Ten Dinosaur Discoveries of 2024

Smart News | Smithsonian Magazine

Superflares Erupt From Sun-Like Stars Roughly Every 100 Years, a New Study Finds. Is Our Sun Overdue for a Massive Blast?

Smart News | Smithsonian Magazine

Revolutionary infinities reshape mathematics understanding

Rolling Out

GenAI and the GPS problem - Generative AI invites us to outsource our thinking. We need to know when to refuse.

ArtsManaged Field Notes

HBO Ends Partnership With ‘Sesame Street’

The New York Times

TikTok Asks Supreme Court to Block Law Banning Its U.S. Operations

The New York Times

Audio | Rick Steves Refuses to Get Cynical About the World

The New York Times

An Artist Who Has Something in Common With Her Subjects

The New York Times

How the Wackiest, Most 'Annoying' Christmas Song Became a Hit

The New York Times

The strange future of lab-grown meat involves quail, crocodile, and woolly mammoth

Fast Company

Nike should have never killed its NFTs

Design | Fast Company

How ride-hailing apps are replacing school buses

Fast Company

Weight-loss drugs are sending Americans back to their doctors. And it's not why you think

Fast Company

Justice Ketanji Brown Jackson, a longtime theater lover, makes her Broadway debut

NPR

Debrief 9.4: Wicked Wisdom: Shifting Perspectives and Cultivating Creativity

Fueling Creativity in Education Podcast

If they know, they should tell us

Seth's Blog

New bat discovery could help humans hibernate during space travel

National Geographic

Family finds surprise gift on mom's memorial bench after leaving balls of yarn as a tribute

Upworthy

Avocado farmer explains secret why you can't grow Hass avocado trees from Hass seeds

Upworthy

Stage spoofs of Hallmark TV movies are Christmas gifts for theaters

AP News

British Columbia to Hike Film Subsidy to Confront Sharp Production Decline

Variety

Opinion | Can We Make Pop Culture Great Again?

The New York Times

The Marketing Hurricane of 'Wicked' Says a Lot About Our Culture

The New York Times

A monster diamond, ancient lipstick and erotic Roman frescoes: 15 remarkable discoveries of 2024

CNN Style

Reading Shapes Your Brain – Here's What Happens When We Stop

ScienceAlert

Racism is a public health issue. Here's why

Hyfin

Planet Puppet - A weekend at the ventriloquist convention

N+1

The Biggest Medical Breakthroughs of 2024

Gizmodo

The Avenging Heroes Among Us: John Berger on the Courage to Create

The Marginalian

Opinion: People thought 'A Charlie Brown Christmas' would fail. Sincerity powered its success

Los Angeles Times

Chemical Creativity - The artistic vision behind the Polaroid Corporation

Harvard Magazine

AI Could Be Making Scientists Less Creative

Gizmodo

These musicians bought a seat for a cello worth \$4.5M. Air Canada wouldn't let it on board - Incident forced classical musicians to cancel their sold-out show in Toronto

CBC News

The surprisingly corporate retail origin story behind 'Rudolph the Red-Nosed Reindeer'

Fast Company

Creativity Will Never Be Efficient—And That's A Good Thing

Forbes

The Future Of AI And The Role Of Women In Shaping It

Forbes

Creativity and urban regeneration. An interview with Charles Landry
Salone del Mobile.Milano

James Hutson: Pioneering the Intersection of Art, AI, and Immersive Realities in Education
USA Today

Science and art show – bridging two creative universes
SDNews.com

Groundbreaking new devices could restore lost brain functions
The Brighter Side of News

Sci-fi icon Kim Stanley Robinson: ‘there’s so much bad fiction about anthropomorphizing AI’
Nature

NMSU biology professor featured in book highlighting women in STEM
New Mexico State University Newsroom

Newly Developed Foam Can Suck Microplastics Out of the Water
The Inertia

Report: A Growing Number of Faculty Feel Censored
Diverse Issues in Higher Education

AI-powered blood test spots earliest breast cancer signs
The University of Edinburgh

Astrophysicists capture astonishing images of gamma-ray flare from supermassive black hole M87
UCLA News

This Mark Cuban-backed startup is helping creators monetize their audiences
Small to Fast | Fast Company

An economist explains where the U.S. job market is heading in 2025
Workplace Evolution | Fast Company

Lego has an IP problem
Design | Fast Company

Amazon claims its robots aren’t coming for your fulfillment-center job
Design | Fast Company

The unexpected lesson in inspired leadership from 'Groundhog Day'
Leadership Now | Fast Company

Betty White, Keith Haring, and cute animals: These are USPS's 2025 stamp designs
Design | Fast Company

Coca-Cola pledged to scale up reusable packaging. Then it changed its mind

Impact | Fast Company

The 2024 Game Awards recap: All winners and most surprising reveals

Gaming | NPR

Mexican women embroiderers shared safeguarding Yucatecan Mayan embroidery actions at the global living heritage meeting

UNESCO

Uber Economy is Killing Innovation, Prosperity and Entrepreneurship

Human-Centered Change and Innovation

Fonts

The Economics of Everyday Things | Freakonomics

World's most tattooed woman is 99.98% covered in ink

DesignTAXI

Fortnite Players Get Millions in Refunds for Unwanted Purchases

The New York Times

The Unwritten Rule That Still Shapes Oscar Campaigns

Vulture

In Bend, art is in the googly eye of the beholder

Oregon Public Broadcasting

Good at Reading? Your Brain May Be Structured Differently

WIRED

Guggenheim Offers the Poetry of Motion: Sign Language Verses - The museum's poet in residence for 2024 is putting poetry by deaf and hard-of-hearing artists on display.

The New York Times

All but Impossible to Find for Years, Lily Tomlin's 'The Search for Signs of Intelligent Life in the Universe' Is Back

Variety

Love it or hate it, nonliteral 'literally' is here to stay: Here's why English will survive

The Conversation

The Dustbin of Literary History

The Reading Experience

Exploring Integration of XR in Museums to Enhance Visitor Experience

Arts Management & Technology Laboratory

Rutgers Institute Celebrates 10 Years of Advancing Neuroscience and Brain Health Research

Rutgers University

Technology Has Completely Transformed The Retail Pharmacy Business

Forbes

32 Books That Spark Creativity

Colorado Parent

When Failure Powers Progress: Scientists and Artists Unite to Challenge Success Paradigms

Pasadena Now

STEMarts Lab Invites Los Alamos Students To Participate In Google's Free Creative Coding Workshop In Taos

Los Alamos Daily Post

D.C. artists demand action to protect creative spaces amid rising costs

The Wash

2024 marks a landmark year for VCU's research and innovation enterprise

VCU News

Why Soccer Players Are Training in the Dark

WIRED

'People Are Terrible at This': Why We Suck at Judging the Strength of Knots

Gizmodo

Beyond Atoms & The Void

Gaping Void

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Have you found an article you'd like to share? Email the link to george.tzougros@wisconsin.gov.

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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>

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