



National Creativity Network

ARTICLES OF INTEREST

November 30, 2018

QUOTE(S) OF THE WEEK

"It is inevitable that some defeat will enter even the most victorious life. The human spirit is never finished when it is defeated... it is finished when it surrenders." – Ben Stein

"Sometimes you want to give up the guitar, you'll hate the guitar. But if you stick with it, you're gonna be rewarded." – Jimi Hendrix

"While I complain of being able to glimpse no more than the shadow of the past, I may be insensitive to reality as it is taking shape at this very moment, since I have not reached the stage of development at which I would be capable of perceiving it. A few hundred years hence, in this same place, another traveller, as despairing as myself, will mourn the disappearance of what I might have seen, but failed to see." – Claude Lévi-Strauss

"Security is mostly a superstition... Life is either a daring adventure, or nothing." – Helen Keller

"If the brain were so simple we could understand it, we would be so simple we couldn't." – David Zindell

"Very few children have any problem with the world of the imagination; it's their own world, the world of their daily life, and it's our loss that so many of us grow out of it." – Madeleine L'Engle

"I am very frustrated by fear of imagination, I don't think that's healthy." – J.K. Rowling

VIDEO(S) OF THE WEEK

Steven Pinker: Is the world getting better or worse? A look at the numbers

TED Talk

The 100 greatest innovations of 2018

Popular Science

The most exciting aerospace innovations of 2018

Popular Science

Award-Winning Short Animation Could Give 'Black Mirror' A Run For Its Money

DesignTaxi.com

How getting fired was a blessing in disguise for Janelle Monáe

Fast Company

10 Essential TED Talks on Artificial Intelligence

Interesting Engineering

FEATURED EVENTS/OPPORTUNITIES

Water Council launches global Tech Challenge

BizTimes Media Milwaukee

Through January 13

How to do Creative Placemaking

Local Initiatives Support Corporation

Through April 10

To promote diversity, U of T puts out special call for Canada Research Chair applications

University of Toronto News

Deadline: November 26

Brew Accelerator 6

Water Tech Hub | The Water Council

Deadline: November 30

Brew Corporate Accelerator

Water Tech Hub | The Water Council

Deadline: November 30

JPMorgan Chase Launches AdvancingCities, a \$500 Million Initiative to Create Economic Opportunity in Cities

IFACCA - International Federation of Arts Councils and Culture Agencies

Deadline: November 30

NEW National conference to highlight Utah's innovation economy

Utah Policy

December 3 - 5

Katy Perry, Sia, Keith Urban, Madonna and more in #HourOfCode Dance Party tutorial

Code.org | Medium
December 3 – 9

NEW Vote for IceCube's cosmic ray discovery as breakthrough of the year
UWMadScience
Vote: December 5

Fast Company's 2019 World Changing Ideas awards
Fast Company
Deadline: December 6

Every great idea starts somewhere
Google Science Fair
Deadline: December 12

NSF grant program to pay universities to hire quantum researchers
Edscoop
December 17, July 1

2017 - 18 Event Calendar
Co-Create and Creative Industries Network
Various

Google kicks off \$25M competition to boost 'AI for Social Good'
GeekWire
Deadline: January 22

NEW VISION & LEADERSHIP Symposium
Alberta Council of Technologies
January 26

2019 EngineerGirl Writing Contest: Stories Engineered to Inspire
EngineerGirl
Deadline: February 1, 2019

SXSW Art Program
Announcements | e-flux
March 9 – 18

Navigating Now and Beyond
Florida Creativity Conference
March 29 – 31, 2019

Idea Week 2019 includes Bill Nye the Science Guy, Wired co-founder
ABC57.com
April 8 – 13

CreativeMornings | a monthly breakfast lecture series
CreativeMornings
Various

Interactive Map | Festivals
Science Festival Alliance
Various

ARTICLES OF INTEREST

2018 American Ingenuity Award Winners
Smithsonian Magazine

We Need to Revive Innovation and Entrepreneurship in America
Innovation Excellence

Step aside Edison, Tesla and Bell. New measurement shows when U.S. inventors were most influential.
The Washington Post

After a Hiatus, China Accelerates Cyberspying Efforts to Obtain U.S. Technology
The New York Times

Who Was This Man?
Imagineer7's Weblog

Meet The Former Rocket Scientist Who Is Bringing STEM To Girl Scouts One Badge At A Time
Forbes

How to Be Creative When You're Feeling Stressed
Harvard Business Review

Do Brain Waves Conduct Neural Activity Like a Symphony?
Scientific American

With honesty, openness and creativity, area youth share their reality through art
Dear Cleveland | cleveland.com

Weaving art into STEM benefits more creative students
Education Dive

Object lesson in creativity: the maker movement
The Nashua Telegraph

UVA Engineering dean Craig H. Benson elected AAAS Fellow
EurekAlert! Science News

UNL provides stimulating environment, opportunities for women in STEM
Daily Nebraskan

Why Are Fewer People Majoring in History?
Smart News | Smithsonian

Who Was Ida O'Keeffe, Georgia's Lesser-Known, But Perhaps More-Talented, Sister?

Arts & Culture | Smithsonian

Why Wilbur Wright Deserves the Bulk of the Credit for the First Flight

At the Smithsonian | Smithsonian

Why I'm leaving Silicon Valley

Preethi Kasireddy | Medium

How American Girl Place was a first in Chicago — and way ahead of its time

Chicago Tribune

Girl schools Warriors' Steph Curry about his Under Armour basketball shoes

Bizwomen

Milestone for European Innovation

Innovators magazine

“But he paid extra”

Seth's Blog

Gathering together: Notes from Session 4 of TED2018

TED Blog

Also

Breaking out: Notes from Session 3 of TEDWomen 2018

TED Blog

Getting started: Notes from Session 2 of TEDWomen 2018

TED Blog

A New Way to Become More Open-Minded

Harvard Business Review

Visualizing the Most Innovative Companies in 2018

HowMuch.net

A Boomer's Guide to Teaching and Working with Millennials

Innovation Excellence

Virtual Reality May Boost Empathy More Than Other Media

Imagination Matters

This Artist Paints Women Supporting Women—Literally and Figuratively

IDEO Blog

This company uses AI to test unlikely engineers for their potential

Fast Company

Udder Success: The 'Got Milk?' Campaign Turns 25

Mental Floss

27 Artists on the Best and Worst Advice They Ever Got

The New Yorker

Hip-Hop's Love of Remix Is Influencing Architecture

Hyperallergic

Creative Expression and Workplace Culture

ARTS Blog

Taking Engineering to a New Level—Q&A with NASA engineer Adriana Ocampo

Diversity In STEAM

AI can't just play video games all day if it's ever going to grow up

MIT Technology Review

The Most Famous Nursery Schools in the World — And What They Can Teach Us

Sam Chaltain

Showing up: Notes from Session 1 of TEDWomen 2018

TED Blog

Also

Propelled by possibility: Tarana Burke speaks at TEDWomen 2018

TED Blog

Could a Freeze-Dried Vaccine Spell the End of Polio Worldwide Forever?

Smart News | Smithsonian

Film and television tell children who can be scientists

Nature

Algebra Is Not The Problem: Unnecessary Partitioning Into Courses Is The Problem

QED | Medium

SpaceX Is Launching a Piece of Trevor Paglen's Art Into Orbit

WIRED

How This Formula One Strategist Is Breaking Barriers For Women In Motorsports

Forbes

The best gadgets of 2018

Popular Science

MEGAPIXELS: Doctors can now see everything inside you at once

Popular Science

Curiosity-Driven Data Science

Harvard Business Review

The greatest security innovations of 2018

Popular Science

The most ground-breaking home innovations of 2018

Popular Science

Innovation with Chinese Characteristics

Fortune

Technology advances of consequence in 2018

ITWeb

Buying Art Like Vegetables

Harvard Crimson

Canada's new subsidies for news will warp the market and hurt innovation — unless they're done right

Nieman Journalism Lab

Blue Brain Project releases first-ever digital 3D brain cell atlas

ScienceDaily

Scientist Who Crispr'd Babies Bucked His Own Ethics Policy

WIRED

The Widely-Spoken Languages We Still Can't Translate Online

WIRED

Sundance Film Festival Unveils 2019 Features Lineup

Variety

Kathleen Martinez | How she adds up as engineering advocate

Vision Magazine

Rev. Jesse Jackson at the Washington STEM Summit: 'There's an opportunity deficit'

GeekWire

The Woman Whose Invention Helped Win a War — and Still Baffles Weathermen

Innovation | Smithsonian

Scientists Measure the Second With Record-Breaking Precision

Science | Smithsonian

Why Aren't There Electric Airplanes Yet? It Comes Down to Batteries.

Innovation | Smithsonian

Gene therapy eases Parkinson's symptoms by rewiring parts of the brain
New Scientist

Three Big Leadership Clichés – and How to Rethink Them
Knowledge@Wharton

Martin Koldyke buys out the house for Goodman's 'A Christmas Carol' for students
Crain's Chicago Business

Google Holds Competition to Award \$25 Million to Artificial Intelligence Projects That Promote the Social Good
The Chronicle of Philanthropy
Deadline: January 22

Three kinds of corporate mediocrity
Seth's Blog

Kickstarter's New Features Put Sustainability Top-Of-Mind For Creators
Forbes

Essential Design Thinking Videos and Methods
Interaction Design Foundation

Bruce Springsteen on Mental Health, Springsteen on Broadway, His Father and His Career
Esquire

Co-pace is Continental's Organization to Connect Startups and Intrapreneurs
Innovation Excellence

Should America Be Run by ... Trader Joe's? (Ep. 359)
Freakonomics

This chart will show you when you can multitask and when you can't
Fast Company

MovieBox, the popular free media streaming app, has shut down
Fast Company

How to Brainstorm Properly
Creative Leadership | Psychology Today

Facebook Censors Art Historian for Posting Nude Art, Then Boots Him from Platform
Hyperallergic

Margaret Atwood announces The Handmaid's Tale sequel, The Testaments
Books | The Guardian

Harry Potter and the 56 anniversary editions: endless tie-ins are diluting the magic
Books | The Guardian

YouTube reportedly scaling back its premium tier for original content
Market Watch

'Imaginary facts': what happens when fiction looks factual?
Culture | The Guardian

How Restaurants Got So Loud
The Atlantic

Toward a More Radical Selfie
The Paris Review

The impact of climate change on language loss
The Conversation

Also

African languages falling behind voice technology innovations
Quartz Africa

How to Almost Learn Italian
The Atlantic

Why You Can Understand a Language but Not Speak It
The Atlantic

EU on course to double culture budget from 2021
News | ArtsProfessional

Opinion | Mars Beckons
The New York Times

Also

News | NASA InSight Lander Arrives on Martian Surface
NASA JPL

GM to lay off 15 percent of salaried workers, halt production at five plants in U.S. and Canada
The Washington Post

Stephen Hillenburg, 'SpongeBob SquarePants' Creator, Dies at 57
The New York Times

Also

'Rocko's Modern Life' Creator: Stephen Hillenburg 'Changed the Face of TV Forever'
Variety

'SpongeBob SquarePants' Creator Passes, Artists Worldwide Pay Heartfelt Tributes

DesignTAXI.com

Prince's Paisley Park, Minneapolis Schools Unite for Arts Education

Rolling Stone

How the Geography of Startups and Innovation Is Changing

Harvard Business Review

What We've Learned from Dieter Rams, and What We've Ignored

The New Yorker

Immersive Media and Child Development

Joan Ganz Cooney Center

Computational Thinking in Storytime with Robots

Joan Ganz Cooney Center

How Latino children in the U.S. engage in collaborative online information problem solving with their families

Joan Ganz Cooney Center

The Time is Now: Investing Early in Our Children's Future

Joan Ganz Cooney Center

Scientists share MIT 'disobedience' award for #MeToo advocacy

Science | AAAS

Creativity is humanity's only advantage against AI, but can bots be creative in their own right?

Yahoo! News

Innovation Is A Fancy Word For Survival

Forbes

7-Mile Shoes And Electric Bikes: A Story Of Innovation

Forbes

The Ambitious Dragon

The UCSB Current

Digital 'coffeehouse' to spark new scientific ideas now ready for use

Phys.org

A new space at the Kentucky Science Center inspires young makers

WDRB 41 Louisville News

Artificial Creativity: When Art Meets Code

The Bull & Bear

Facing Off Against Artificial Artists

The Harvard Crimson

U of T partners with National Research Council to create national innovation hub for microfluidics

University of Toronto News

New test spots 'hidden consciousness' in severely injured brains

Science | AAAS

Innovation and inclusion

The Suffolk News-Herald

These four teen entrepreneurs have one thing in common

Technical.ly Delaware

How imagination and creativity are helping make STEM more diverse

Create Digital | Engineers Australia

Tulsa, Oklahoma Will Pay You \$10,000 to Move There

Newgeography.com

The Gig Economy, Americans and The Future

Newgeography.com

Canada's IP strategy is not in step with our innovation and commercialization goals

The Globe and Mail

University tops National Science Foundation research volume ranking

The Michigan Daily

Shifting the dial on diversity in innovation: five key ideas from Breaking the Mould

Nesta

15 brilliant school fundraising ideas

Nesta

'Project Lego' picks North Carolina over Quebec for manufacturing jobs

Triangle Business Journal

The Boundary Between Our Bodies and Our Tech

Pacific Standard

What Could Take the Shine Off of Solar? A Waste Problem

Acumen | OZY

Google Employees Demand Company Kill Censored Chinese Search Product

Gizmodo

Teacher Vacancies Impacting Chicago-Area Students and Taxpayers

NBC Chicago

Why STEM needs another 'E' — entrepreneurship

Bizwomen

2 key gene-editing voices condemn Chinese scientist's designer babies 'stunt'

Bizwomen

Also

He Jiankui defends 'world's first gene-edited babies'

BBC News

Productivity vs. Creativity, the Content Creator's Catch-22

Copyblogger

Single Most Important Piece of Advice for Every Graduate (And The Rest Of Us)

Innovation Excellence

Mapping Experiences

Innovation Excellence

When the Front End and Back End of Innovation Collide

Innovation Excellence

Patagonia is giving its \$10 million tax cut back to the planet

Fast Company

These houses are designed to help Puerto Rico survive future storms

Fast Company

How Instant Pot designer Yi Qin makes top-selling products

Fast Company

Strange earthquake waves rippled around Earth, and nobody knows why

National Geographic

Patti Smith Sings “The Tyger” and Reflects on William Blake’s Transcendent Legacy as a Guiding Sun in the Cosmos of Creativity

Brain Pickings

Teaching Artists Spark Imaginations—and So Much More

The Wallace Foundation

Importance of Arts in Education

Times Publishing Group, Inc.

gener8tor expanding to Canada

BizTimes Milwaukee

ATTENTION: Public Warning Signs by April Soetarman Engage the Emotions of Unsuspecting Pedestrians

Colossal

Why Superman May Inspire Altruistic Behavior

Pacific Standard

Why we make better decisions together than we do on our own

Aeon Essays

Framing nature

3 Quarks Daily

NASA's InSight Mars lander has touched down. What happens now?

National Geographic

Also

"We don't do Star Trek": How NASA landed on Mars, unlocking a new era of science

Fast Company

The Subtle Stressors Making Women Want to Leave Engineering

Harvard Business Review

CRISPR inventor Feng Zhang calls for moratorium on gene-edited babies

MIT Technology Review

Podcast: How A Charitable Gift Registry Caters To Modern Nuptial Demands

PSFK

The Kilogram Is Dead. Long Live the Kilogram!

The New York Times

Forbes magazine recognizes Mexican designer's creativity

The Yucatan Times

New brain region 'could be what makes humans unique'

Medical News Today

How 'creativity sprints' can get your creative brain going

Big Think

'Boomerang' initiative takes aim at NM's brain drain

Albuquerque Journal

The future of work won't be about degrees, it will be about skills

CNBC

How to Easily Increase the Number of Ideas You Get

Imagineer7's Weblog

America's Most Beautiful College Libraries - Gorgeous University Architecture
Veranda

Apple to host free coding sessions at stores, rolls out new material for teachers
TechCrunch

This Is the Book That Inspired Microsoft's Turnaround, According to CEO Satya Nadella
Inc.com

Iconic Artworks Edited Into Modern-Day Settings Are Unlike Anything You've Seen
DesignTAXI.com

NASA's InSight Mission Has Touched Down on Mars to Study the Red Planet's Deep Secrets
The New York Times

Netflix for Conservatives? Fox News Introduces Fox Nation, a Streaming App
The New York Times

How VR Changes Learning
Filament Games Blog

How Black Girls Code Is Changing the Face of Technology One Girl at a Time
Success

Innovation or Not – Turning a Wheelchair into an Electric Scooter
Innovation Excellence

When the Box is the Limit
Innovation Excellence

We Trained Crows To Pick Up Garbage, But Can We Teach Ourselves?
Imagination Matters

Will 3D-printed design ever be more than a tech fetish?
Fast Company

We have the tech to tackle climate change now—here are the next steps
Fast Company

The quiet radicalism of Henri Matisse's great-grandson
Fast Company

Trump threatens a 25% tariff on the iPhone and Apple laptops
Fast Company

Meet the 26-year-old entrepreneur turning high-school gamers into varsity athletes
Fast Company

We Built a Bot to Assign Parking Spots. It Fought Back.

IDEO Blog

George Sand's Only Children's Book: A Touching Parable of Choosing Kindness and Generosity Over Cynicism and Greed, with Stunning Illustrations by Russian Artist Gennady Spirin

Brain Pickings

Time to break academic publishing's stranglehold on research

New Scientist

The Machine That Drives the Auction World

The New York Times

Changing the Citation Conversation

GradHacker | Inside Higher Ed

Art in a Critic-Free Zone (Part 2)

Dance/USA

Justifying Diversity

The New York Review of Books

Another Hot Take on the Term 'Latinx'

The New York Times

The Forgotten Legend of Silicon Valley's Flying Saucer Man

Bloomberg

Stem Cells at 20

Morgridge Institute for Research

Twelve Things Americans Believe About the Arts in 2018

ARTS Blog | Americans for the Arts

Incubation, Ideation, and the Art of Editing: Beethoven on Creativity

Brain Pickings

How NASA is preparing for the InSight landing on Mars

National Geographic

Also

Watch InSight Mars Landing Online

NASA Live

11/26 @ 2 PM Eastern

Stephen Hawking: 'Superhumans' Will Replace Us

Imagination Matters

EXCLUSIVE: Chinese scientists are creating CRISPR babies

MIT Technology Review

Where Curiosity Will Lead Education – The Principal of Change

George Couros Blog

Creativity Matters

SRQ Daily

Advice From Female Leaders Who Used Failure as Leverage

Forbes

Etsy loves women because they drive the entire business

Yahoo! Sports

Neil deGrasse Tyson: Why Elon Musk is the most important tech giant of today

Big Think

Groundbreaking discovery in neuroscience by Greek researcher

Neos Kosmos

Brain-Computer Interface Lets Users With Quadriplegia Control Tablets With Their Minds

Forbes

3 University of Alabama System art professors earn prize for public trail

Tuscaloosa News

How to Talk to Kids about Art

Artsy

Does Art Have The Power To Heal After Gun Violence? One Florida Town Thinks So

Forbes

How Teflon Went From Wartime to Dinner Time

WIRED

Why Every Parent Should Watch This Movie

Inc.com

Minnesota schools embrace hands-on learning with 'makerspaces'

StarTribune.com

Men still outnumber women in STEM fields. The Girl Scouts is trying to change that.

Chicago Tribune

Why this Memphis educator wants students to know that scientists aren't just 'white men in white lab coats with crazy hair'

Chalkbeat

Racist hackers tried to ruin their chances in a NASA competition. Six months later, they're undeterred.

The Washington Post

Educators See Positive Impact of Mobile Devices in K–12

EdTech Magazine

He's Helping the Blind 'See' Their Work — and Become Engineers

Rising Stars | OZY

Making money work harder: How Nesta funds innovation

Nesta

Meet the Grantees: Innovate to Save cohort two

Nesta

7 Mistakes to Avoid when Measuring Innovation

Innovation Management

Innovation Insights from the Founder of Sony

Innovation Management

Shenzhen: How China's Silicon Valley went from counterfeiting to innovating

CNN

South Asia can become an innovation hub. Here's how

World Economic Forum

Solution for next generation nanochips comes out of thin air

EurekAlert! Science News

Can Entrepreneurship Education Help Change The World?

Forbes

As Immigrant Farmworkers Become More Scarce, Robots Replace Humans

The New York Times

Trump Administration's Strategy on Climate: Try to Bury Its Own Scientific Report

The New York Times

As Immigrant Farmworkers Become More Scarce, Robots Replace Humans

The New York Times

How Guy Raz Built 'How I Built This'

The New York Times

String too short to be saved

Seth's Blog

Where's the edge?

Seth's Blog

New wearable tech lets users listen to live music through their skin

Ars Technica

Disruptive Digital Innovation Is A Long-Term Commitment, Not An Overnight Sprint

Forbes

3 Steps To Making Innovation A Habit

Inc.com

Artificial Intelligence Needs Conversational Intelligence. Here's Why

Innovation Excellence

4th Industrial Revolution Will Change Companies from the Inside

Innovation Excellence

Conscious Capitalism: Conversation with Raj Sisodia, Part Two

Innovation Excellence

You Don't Have an Innovation Problem, You Have a Trust Problem! (Part 1)

Innovation Excellence

Start with the "Why Not?"

Innovation Excellence

Secrets of 13 of the world's most productive people

Fast Company

How to watch NASA's InSight Mars landing

Fast Company

These pants are designed to last 100 years

Fast Company

Meet Burçin Mutlu-Pakdil, the woman who discovered a whole new type of galaxy

National Geographic

How Schools Thwart Passions

Freedom to Learn | Psychology Today

What Should America Do With Its Empty Church Buildings?

The Atlantic

Opinion | Do You Have a Moral Duty to Leave Facebook?

The New York Times

PG? NC-17? She Made Such Calls for 30 Years

The New York Times

The Open Office and the Spirit of Capitalism

American Affairs Journal

#

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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](#) or

National Creativity Network

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Oklahoma City, Oklahoma 73102

<http://nationalcreativitynetwork.org>

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