



National Creativity Network

ARTICLES OF INTEREST

August 9, 2019

QUOTE(S) OF THE WEEK

“Much of what we see in the universe ... starts out as imaginary. Often you must imagine something before you can come to terms with it.” – Clifford D. Simak

“Computer Science is no more about computers than astronomy is about telescopes.” – Edsger Dijkstra

“Describing the Internet as the Network of Networks is like calling the Space Shuttle a thing that flies.” – John Lester

“Originality is the fine art of remembering what you hear but forgetting where you heard it.” – Laurence J. Peter

“Science is organized knowledge. Wisdom is organized life.” – Immanuel Kant

“In science one tries to tell people, in such a way as to be understood by everyone, something that no one ever knew before. But in the case of poetry, it's the exact opposite!” – Paul Dirac

“Education, for most people, means trying to lead the child to resemble the typical adult of his society... But for me, education means making creators... You have to make inventors, innovators, not conformists.” – Jean Piaget

VIDEO(S) OF THE WEEK

Take a Wild Ride Through Two Seasons of Supercell Storms with Mike Olbinski's Time-Lapse Film

Colossal

The Math Equation That Tried to Stump the Internet
The New York Times

MIT Media Lab: Making ideas into reality
"60 Minutes" | CBS News

Also

MIT Media Lab: Where tomorrow's technology is born
"60 Minutes Overtime" | CBS News

Peaceful Portraits Shaped from Bunched and Layered Netting by Benjamin Shine
Colossal

Four Seasons of Flowers Appear to Blossom and Wither in a Responsive Installation by teamLab
Colossal

Infinite Forms Unfurl in New Rotating Sculptures by John Edmark
Colossal

Hannah Drake | An Ending Is A Beginning
CreativeMornings/Louisville

Developing tools to better understand, predict preterm birth
Morgridge Institute for Research

The Top 5 most creative brand ideas you need to know about right now: August 5, 2019
AdAge.com

FEATURED EVENTS/OPPORTUNITIES

2019 Play Make Learn Conference
Play Make Learn
Through August 9

Virgil Abloh at Museum of Contemporary Art in his debut museum exhibit
Chicago Sun-Times
Through September 22

Cate Blanchett Dons 13 Guises in This Daring Art Installation
At the Smithsonian | Smithsonian
Through January 5

Webinar | You can't think outside the box if you're locked inside it
Science | AAAS
August 22

Apply to be a TED2020 Fellow

TED Blog

Deadline: August 27

Engineers from UK, China and USA collaborate to tackle humanity's greatest challenges

Royal Academy of Engineering

September 16 – 18

The newly designed 2019 ENCATC Congress website is live!

ENCATC– The European network on cultural management and policy

October 2 – 5

Father Columba Stewart Named the 2019 Jefferson Lecturer in the Humanities

National Endowment for the Humanities

October 7

Lamborghini announces female innovation award

WhichCar

Deadline: October 14

Baltimore Innovation Week, the annual celebration of tech and entrepreneurship, is returning for its 8th year

Technical.ly Baltimore

October 5 – 11

Being Intentional: Convening in a World with Too Many Conferences

Diversity in STEAM Magazine

October 6 – 8

Creative Economy Expert Meeting

UNCTAD Creative Economy Network

October 28

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

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

Public trust in scientists is starting to creep up but is still problematically low
Fast Company

Making Thinking Visible
Association for Psychological Science

Eight Reasons why Innovation beats Efficiency
Innovation Excellence

How do we transform waste to wealth?
Innovators magazine
Deadline: September 6

A very funny comic perfectly shows the differences between generations
GOOD

Pacific Standard magazine is shutting down
Los Angeles Times

All-girl engineer team invents solar-powered tent for the homeless
Mashable

This Raincoat Made From Algae Offers a Message of Hope
*Good Sh*t | OZY*

Video games and violence: An enduring, dangerous myth
Irish Times

How Ava DuVernay Is Finding Blue Oceans in Hollywood

Harvard Business Review

Using Play to Teach Math

Edutopia

These Gargantuan Galaxies, Hidden in Plain Sight, Could Rewrite Universe's Early Days

Space

The Patents Behind Seven Classic Back-to-School Supplies

Innovation | Smithsonian

Dairy Ice Cream, No Cow Needed: These Egg And Milk Proteins Are Made Without Animals

The Salt : NPR

Minister Ng announces Women Entrepreneurship Strategy investment

Newswire.ca

What Toni Morrison Meant to Women Writers

The Cut

What Men Can Do to Be Better Mentors and Sponsors to Women

Harvard Business Review

America's economic future hinges on this overlooked educational skill

CNBC

When science was groovy

Science

How Big Pharma Uses Logically Impossible Patents to Block Innovation

American Council on Science and Health

Opinion: How patents really work in the innovation economy

The Globe and Mail

How bad managers stifle innovation

Human Resources Director Canada

What degree do you need to become a design engineer?

Study International

Scientists Use Smartphone to Control Drug Delivery to Brain

The Future Brain | Psychology Today Canada

Which Connections to Keep? How the Brain Makes Its Choice

Technology Networks

Taking the arts digital to support a well-rounded education
Education Dive

The Art of Noticing: How Entrepreneurs Can Crack the Innovation Code
Newsweek

Toni Morrison's death teaches us that art is our shared humanity
The Hill

Tall buildings are leaving cities in darkness. These architects have a radical fix
Fast Company

To Become a Better Designer, Make Time for Make Believe
IDEO Blog

Marsai Martin Talks Stardom and STEM at the 6th Annual ComEd Icebox Derby
The Glowup

Three Ways to Make Mentoring Girls in Tech More Valuable
Innovation | Northwestern Mutual

How one Girl Scout found her passion for CS through Code.org and made changes in her community
Medium

She Just Became the First African American Woman to Graduate With a PhD in Computer Science from Purdue
Because of Them We Can

Boost in high school students taking advanced computer science could change the face of tech
Houston Chronicle

Tennessee's move of math remediation to K-12 fails to boost college completion, study finds
Inside Higher Ed

U.S. visa policies push startups away from foreign tech workers
Los Angeles Times

We Already Have the World's Most Efficient Carbon Capture Technology
Bloomberg

A Crashed Spacecraft Might Have Put Earth's Most Indestructible Organisms on the Moon
Smart News | Smithsonian

Why the Conservation of Orchids Is No Simple Matter
At the Smithsonian | Smithsonian

Smithsonian Scientists Are Using Ginkgo Leaves to Study Climate Change—They Need Your Help

At the Smithsonian | Smithsonian

How American Brewers Employed Fine Art to Sell Beer

At the Smithsonian | Smithsonian

Can Virtual Reality Replace Psychedelic Drugs?

Pacific Standard

Nike's new Joyride running shoes give innovation a bad name

Nesta

A new report found Maryland has the fastest internet in the U.S.

Technical.ly Baltimore

The best economic policies for innovation, as ranked by economists

American Enterprise Institute

5 ideas from Silicon Valley on making your city more innovative

American City and County

Darwin's Ideas on Evolution Drive a Radical New Approach to Cancer Drug Use

Scientific American

Embracing technological social responsibility for the AI era

McKinsey & Company

This startup wants to put a free tiny house in your backyard

Fast Company

Disney blames 'X-Men: Dark Phoenix' and 'Stuber' for earnings miss, will kill new ideas in response

Fast Company

Study: More support needed to keep physician moms working full-time

Bizwomen

New Media buys Gannett for \$1.4 billion to form local news giant

AdAge.com

What is CoWorking? (7 Benefits of Coworking and 11 Coworking Hidden Costs)

News | Open Sourced Workplace

A Unified Framework of Five Principles for AI in Society

Harvard Data Science Review

Inventor of the Web, Tim Berners-Lee, Has Launched a New Startup

Innovation Excellence

Feeling Stuck? It's Time To Make a Shift - 3 In Fact

The Creativity Post

The old media/new media chasm

Seth's Blog

TED Talk: Public Art And Playgrounds Of Imagination

Imagination Matters

Driver uses clever signs to navigate through LA traffic

Diversity In STEAM Magazine

Volcano forecasts could soon be a reality as AI reads satellite photos

National Geographic

Cutting the cord? Here's why your cable company barely cares anymore

Fast Company

To imagine our own extinction is to be able to answer for it

Aeon Essays

Conductive Origami by Yael Akirav Unites 3-D Printing and Textiles to Create Foldable Modern Light Fixtures

Colossal

Do You Want My Garbage?

The Point Magazine

Better Policing Through Theatre

American Theatre

China's Tencent in talks to buy 10% of Universal Music Group

Music | madison.com (AP)

Ocean plastic is piling up. Barry Rosenthal shows its magnitude

National Geographic

Tiny liver grown in the lab. Here's what it can teach us.

National Geographic

The interplay between innovation, creativity, and consciousness

Innovation Excellence

How the Air Force relied on hackers to secure its move to the cloud

CNET

Wisconsin Inno's 2019 Coolest Companies

Wisconsin INNO

MIT sepsis sensor diagnoses condition in minutes

The Engineer

When will we learn?

Seth's Blog

Natural Spaces Enrich Children's Creativity and Confidence

Once Upon a Child | Psychology Today

To Be Creative, Be Smart With Emotions

Creativity: The Art and Science | Psychology Today

Could La Folia be history's most enduring tune?

BBC | Culture

With the Academy Museum director out, big questions about what happens next

Los Angeles Times

Thread Recreations of Famous Paintings Produced by Mathematical Algorithms

Colossal

Was E-mail a Mistake?

The New Yorker

Video-Game Violence Is Now a Partisan Issue

The Atlantic

Camera that can see around corners created by UW scientists

Milwaukee Journal Sentinel

Toni Morrison, 'Beloved' Author and Nobel Laureate, Dies at 88

The New York Times

Also

Toni Morrison, Nobel laureate and author of 'Beloved,' dead at 88

Chicago Tribune, AP

We Should All Be Science Critics

Scientific American Blog Network

Visa concerns deter foreign-born PhDs from working in startups

Phys.org

Mexico's largest cities promote digital inclusion

Smart Cities World

No time to be creative? Think again

The Globe and Mail

What Will Happen to the Brain in Deep Space?

Technology Networks

Study sheds light on how older adults may experience brain decline before they realize it

Hub | Johns Hopkins University

Past triumphs guide the innovators of today

Financial Times

6 Inspiring Art Documentaries to Spark Your Creativity

My Modern Met

The number of gig workers is going to skyrocket by 2020: Deloitte

Yahoo! Finance

The Five Factors That Drive Digital Innovation

Innovation Management

Five Perspectives of Innovators

Innovation Management

Greenland Lost 12.5 Billion Tons of Ice in a Single Day

Smart News | Smithsonian

Reframing American Art

Smithsonian Voices | Smithsonian American Art Museum and the Renwick Gallery

A Brain Scan May Predict Alzheimer's. Should You Get One?

The New York Times

Exclusive: A first look inside Google's top-secret design lab

Fast Company

Uber and Lyft are actually making traffic worse in some cities

Fast Company

Be a disruptor to avoid disruption

The Economist

How to Destroy Innovation Silos

Innovation Excellence

To Figure Out What's Next, Define the System As It Is

Innovation Excellence

IBM is Building a Network to Drive the Future of Quantum Computing

Innovation Excellence

The hidden costs of unreliable electricity | Bill Gates

Gates Notes

Why we like what we like: A scientist's surprising findings

National Geographic

The Antidote to Prejudice: Walter Lippmann on Overriding the Mind's Propensity for Preconceptions

Brain Pickings

Neuroscientists decode brain speech signals into written text

Science | The Guardian

Trust In Scientists Is Rising, Poll Finds

Policy-ish | NPR

Data-mining reveals that 80% of books published 1924-63 never had their copyrights renewed and are now in the public domain

Boing Boing

The 50 best workplaces for innovators

Fast Company

The Electric-Vehicle Revolution Has A Visibility Problem

Forbes

Alzheimer's Blood Test Is a Step Closer to the Clinic

Technology Networks

China has started a grand experiment in AI education. It could reshape how the world learns.

MIT Technology Review

Tech leaders panel addresses engineer satisfaction, managing technical debt, and workforce diversity

SiliconANGLE

Oregon College Savings Plan Offers Incentive for Kindergartners

Best States | US News

UW-Stout: New STEPS for Girls class shows STEM is everywhere

Dunn County News

Will there be 2020 foresight regarding America's skills dilemma?

The Hill

Four Pieces of Advice For Women in Tech From Dallas' Female Founders

Dallas Innovates

How Digital Distraction is Killing Creativity and What to Do About It

Inc.com

We're All Born from the Same 20 Amino Acids

Popular Mechanics

Brock named new School of Engineering and Applied Sciences dean
Yale Daily News

On Math and the Pursuit of the Unknown
e-flux conversations

M.A. is the Art Project Celebrating Indigenous Mexican Craftsmanship
Remezcla

Opinion: Intellectual property might not be the best way to drive Canada's future economy
The Globe and Mail

Canada's 'Uber for Doctors' Targets Long Medical Wait Times
Bloomberg

"There's got to be a better way": What drives one doctor-turned-engineer to keep innovating
Create

3D printing the human heart
EurekAlert! Science News

Today's hospitals discover the therapeutic touch of art
The Washington Post

Elon Musk Not First Original Thinker To Harness Creative Power Of Nothingness
Forbes

Unlocking the Mysteries of the Brain
Barron's

'Where'd You Go, Bernadette' Is A Cautionary Tale About Putting Creativity Aside
Weekend Edition | NPR

#TOGETHERBAND - A Creative Action Plan to Inspire The World for Change
Forbes

First ride: Harley-Davidson's new all-electric motorcycle
Popular Science

French Inventor Hoverboards Across the English Channel, Manages Not to Crash This Time
Gizmodo

Quantum Physics is Cool! Turning water into ice in the quantum realm
The Startup | Medium

Visualizing the World's Most Innovative Economies
Visual Capitalist

The 50 best suburbs in America right now, ranked

Business Insider

Stop Bashing the Suburbs as Worst Places for Older People to Live

Newgeography.com

Domino's is locked in a legal battle over the future of web design

Fast Company

Why Airbnb, Target, and Walmart are betting on the experience economy

Fast Company

Google is making a new commitment to sustainable design

Fast Company

Tech beyond Silicon Valley

Fast Company

Also

**Atlanta's black tech founders are changing entrepreneurship in America.
Can they avoid Silicon Valley's mistakes?**

Fast Company

Why your company should turn services into experiences

Fast Company

The Feedback Loop of Housing and Income Inequality

CityLab

Today's AI 'Revolution' Is More Of An Evolution

Forbes

Americans much less positive about tech companies' impact on U.S.

Pew Research Center

Charts of the Week: The technology industry in American cities

Brookings

Seriously/Personally

Seth's Blog

Impossible

Seth's Blog

How do you quantify the probability of success of a new product?

Innovation Excellence

Summer Play That Enriches Kids' Reading Skills

Imagination Matters

The Power of Setting Intentions

The Creative Life | Psychology Today

The Antidote to Prejudice: Walter Lippmann on Overriding the Mind's Propensity for Preconceptions

Brain Pickings

Vivian Paley, Educator Who Promoted Storytelling, Dies at 90

The New York Times

Yahoo Mail's Plan to Fix Email: Make Computers Read It

The Atlantic

Generational Differences At Work Are Small. Thinking They're Big Affects Our Behavior

Harvard Business Review

What Do Nancy Pelosi, Taylor Swift, and Serena Williams Have in Common?

Freakonomics Radio

Defining a Personal Path to Success

The Principal of Change

2 powerful ways to improve how you think

Fast Company

Design is complicit in the border crisis. Some architects are speaking out

Fast Company

What If: An Illustrated Celebration of the Utopian Imagination and the Will to Change the World

Brain Pickings

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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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<http://nationalcreativitynetwork.org>

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