

ARTICLES OF INTEREST

February 15, 2019

QUOTE(S) OF THE WEEK

"To a mind that is still, the whole universe surrenders." – Zhuangzi

"Upon the subject of education, not presuming to dictate any plan or system respecting it, I can only say that I view it as the most important subject which we as a people can be engaged in." – Abraham Lincoln

"Our intuition about the future is linear. But the reality of information technology is exponential, and that makes a profound difference. If I take 30 steps linearly, I get to 30. If I take 30 steps exponentially, I get to a billion." – Ray Kurzweil

"What helps people move forward, jump into the void, try new things, and learn and solve problems is curiosity." – Warren Berger

"Education is not preparation for life; education is life itself." – John Dewey

"I love it when real science finds a home in a fictional setting, where you take some real core idea of science and weave it through a fictional narrative in order to bring it to life, the way stories can. That's my favorite thing." – Brian Greene

"All truths are easy to understand once they are discovered; the point is to discover them." – Galileo Galilei

VIDEO(S) OF THE WEEK

1,440 Portraits Emerge from a Single Ink Drawing in a New Animation by Jake Fried

Colossal

Where did all the women in tech go? BBC Ideas

3D artist bringing imagination to life through dinosaur animations *KTVO*

BrainRap could change how we see hip-hop-and neuroscience Fast Company

How Toy Story Creator Pixar Revolutionized Animation *CNBC*

The Top 5 most creative brand ideas you need to know now Special: Creativity Top 5 - Ad Age

FEATURED EVENTS/OPPORTUNITIES

Black Creativity Program Returns to Museum of Science and Industry Chicago News | WTTW Through February 24

How to do Creative Placemaking Local Initiatives Support Corporation Through April 10

Orlando Science Center: Aviation exhibit gives imagination wings Orlando Sentinel Through May 2

The Top Innovation Conferences of 2019 Forest Giant Through December 2019

Students Encouraged to Share Video Math Pitches *THE Journal*

Deadline: February 27

Launch of the Oklahoma Entrepreneur Mentoring Program *Creative Oklahoma*

February 27

Clemson CollabFest celebrates creativity with keynotes from SwissMiss designer Tina Roth Eisenberg

Clemson University News and Stories
February 27 – March 2

Play Make Learn 2019 Submission

Play Make Learn

Deadline: March 1

UN Women urges leaders and advocates to "Think Equal, Build Smart, Innovate for Change" on International Women's Day

ReliefWeb

March 8

SXSW Reveals Innovative Art Installations

American INNO March 8 – 16

NEW 2019 Cade Prize

Cade Museum for Creativity and Invention

Deadline: March 10

Become a LEGO® Education Master Educator

LEGO® Education

Deadline: March 11

Doodle for Google

Google

Deadline: March 18

Water Industry Workshop and Procurement Seminar with the World Bank

The Water Council

March 21

Innovation By Design Awards

Fast Company

Deadline: March 22

Navigating Now and Beyond

Florida Creativity Conference

March 29 - 31, 2019

Expressive Therapies Summit 2017 — Los Angeles

Expressive Media and UCLA Arts & Healing

March 28 - 31

Nominations sought for National Medal of Technology and Innovation

USPTO

Deadline: April 5

2019 Oklahoma Creativity Ambassadors Gala

Creative Oklahoma

April 8

Idea Week 2019 includes Bill Nye the Science Guy, Wired co-founder

ABC57.com April 8 – 13

Milton Fisher Scholarship for Innovation and Creativity

The Community Foundation for Greater New Haven

Deadline: May 1

2019 ENCATC-AAAE International Panel

ENCATC

May 30

NSF grant program to pay universities to hire quantum researchers

Edscoop

July 1

Creativity Conference

Southern Oregon University

July 11 - 14

CreativeMornings | a monthly breakfast lecture series

CreativeMornings

Various

Interactive Map | Festivals

Science Festival Alliance

Various

ARTICLES OF INTEREST

More than half of girls are digital leaders, Girl Scouts study says Bizwomen

Digital Single Market: EU negotiators reach a breakthrough to modernise copyright rules

European Commission

These Nature Posters Show the Most Endangered Animal in Each State Mental Floss

Her Code Got Humans on the Moon—And Invented Software Itself WIRED

Combine Al With Crowdsourcing and What Do You Get? Turbocharged Innovation *Singularity Hub*

JP Morgan is rolling out the first US bank-backed cryptocurrency CNBC

This year's 'Nobel Prize for Engineering' goes to the minds behind GPS Create News

Where disruptive ideas come from

Axios

Science Works Just Like The Economy – Large Means Innovation, Small Means Invention

The Continental Telegraph

United States Olympic Committee Creates Technology Fund To Aid In Preparation For Tokyo Games

Forbes

CSUF's Grand Central Art Center, hub of community creativity, turns 20 *Orange County Register*

Honeybees Enter Virtual Reality So Scientists Can Study Their Brains The Scientist Magazine®

Using neuroscience to develop artificial intelligence Science

R.I.P., Opportunity Rover: the Hardest-Working Robot in the Solar System *WIRED*

The Al Text Generator That's Too Dangerous to Make Public WIRED

GE to shrink Boston HQ and reimburse state \$87M *Boston Business Journal*

Why the Chicano Underdog Aesthetic 'Rasquachismo' Is Having Its Day At the Smithsonian | Smithsonian

Special forces are getting a stealth motorcycle that's silent and deadly Popular Science

'He's Created a Culture of Fear': How Trump Has Politicized Science in an Unprecedented Way

Pacific Standard

El Niño has arrived. What does that mean for weather in 2019? *Mashable*

This is why Al has yet to reshape most businesses MIT Technology Review

Mastering the medium

Seth's Blog

The 3 Pillars of Innovative Product Design (And How to Implement Them)

Hacker Noon | Medium

The value of failure: creativity in business CJBS Insight

How to Pick the Right Problem

Innovation Excellence

It's Time To Be Skeptical About The Lean Startup. Here's Why:

Innovation Excellence

Could a robot do a desk job?

Fast Company

Urban activism works! Amazon canceling HQ2 proves it

Fast Company

See the best pictures from NASA's official photographer

National Geographic

Megalodon is definitely extinct—and great white sharks may be to blame

National Geographic

Miami Rising: Two of the Funders Behind the City's Emergence an International Arts Hot Spot

Inside Philanthropy

#FuckFuckJerry and the Limits of Extremely Online Organizing

The Atlantic

Celebrity Cruises upping its luxury game with American Ballet Theatre, Chef Boulud partnerships

Orlando Sentinel

A Digital Art Curator on Why the Aging Medium Still Isn't Understood

The Observer

Amazon Nixes New York HQ2 Plans

Varietv

Opportunity Is Dead: NASA Declares End To Mars Rover's Mission

All Things Considered | NPR

Also

NASA Announces Loss of Opportunity Rover on Mars

Science | Smithsonian

The 5 Levels of Mastering Creativity

Innovation You | Psychology Today

Companies Are Failing To Get Value From Innovation

Innovation Excellence

Alberta invests in innovation to fuel the future

Alberta.ca

How did the heart become associated with love and turn into the shape?

ideas.TED.com

Become a Creative Thinker

Imagineer7's Weblog

Research: Women Are Winning More Scientific Prizes, But Men Still Win the Most Prestigious Ones

Harvard Business Review

Governor Murphy Appoints Gunjan Doshi as Chair of Commission on Science, Innovation, and Technology

Insider NJ

Move Over Actors And Artists, Software Developers Are True Creative Heroes Forbes

Texas Tech Innovation Hub is seeking the big ideas

EverythingLubbock.com

Review shows Oklahoma has lost ground in innovative science, technology fields Oklahoma Daily

Small Teams of Scientists Have Fresher Ideas

The Atlantic

New iPhone Leak Reveals Apple's Surprising Lack Of Innovation Forbes

California adopts new art standards for 'creative economy'

The Sun-Gazette Newspaper

The First Non-traditional Trademarks are Granted in Mexico Lexology

Government of Canada announces call to launch intellectual property collective Newswire.ca

What Makes Some People Creative Thinkers and Others Analytical? Now | Drexel University

How Music Activates Our Brain's Reward Center

Technology Networks

Insulin 'Pill' Could Replace A Shot Someday, Researchers Say

Shots - Health News | NPR

Florida State selected for new national effort to develop diverse, inclusive STEM faculty

Florida State University News

If girls are bad at math, should we blame their mothers?

The Hechinger Report

How 18th-Century Writers Created the Genre of Popular Science

Science | Smithsonian

Microdosing Hallucinogens Has Positive Effects—but Not What You Might Suspect

Pacific Standard

Stop Calling Me 'Diverse'

Immodest proposal | OZY

Are You a Consumer or a Creator?

Jumpstart Your Dream Life | Medium

Pittsburgh tech companies say they face an 'invisible wall' in hiring foreign talent Pittsburgh Post-Gazette

How to create a culture of innovators

Articles | Chief Human Resources Officer | Innovation Enterprise

Alfonso Cuarón on Oscars Cutting Cinematography From Broadcast: It's Called Cinema, Look It Up!

Vulture

Also

Film Academy Clarifies Controversial Oscars Plans

Variety

Directors, Cinematographers Blast Academy's Awards Exclusion

Variety

IATSE President Blasts Oscar Telecast Exclusions

Variety

Here's One Woman's Powerful Response to a Lack of Female-identifying Designers

Eye on Design | AIGA

The Great Myth of the Al Skills Gap

Singularity Hub

This 8-Minute President Obama Video Gives a Whole New Meaning to Fake News Innovation Excellence

Apple advertising legend Lee Clow, one of the last larger-than-life creative titans, is retiring

Fast Company

This is Microsoft's Al pipeline, from research to reality

Fast Company

7 expressions to avoid if you want to sound emotionally intelligent *Fast Company*

This startup is tracking microbes to figure out where your shoes were really made Fast Company

Artist Berndnaut Smilde makes clouds appear in unexpected places *National Geographic*

Nuclear engineer Leslie Dewan has a plan for clean energy National Geographic

2 Business Strategy Resources to Effectively Implement New Initiatives
The Brainzooming Group

Barber's 'Adagio' Is Not The Saddest Music In The World All Things Considered | NPR

A Programmable 8-Bit Computer Created Using Traditional Embroidery Techniques and Materials

Colossal

Opinion: Our community should rally to save Oregon College of Art and Craft oregonlive.com

Exploitation rife as unpaid work subsidises the arts *News | ArtsProfessional*

IBM Al fails to beat human debating champion Engadget

10 African American Inventors Who Changed the World *Mental Floss*

Build Your Creative Confidence: Nickname Warm-Up *IDEO Blog*

What (& Where) Are the World's Most Transformational Schools? Sam Chaltain

The freshest writer on design was born 200 years ago Fast Company

Poems: Agents Of Imagination *Imagination Matters*

Which Rock Band is the Model for your Innovative Startup? *Innovation Excellence*

Girls Get Tech. They Just Need Others to Believe It. The New York Times

Heidi Toffler, Unsung Force Behind Futurist Books, Dies at 89

The New York Times

Why Creativity Is More Important than Ever

IDEO U

Bill and Melinda Gates call for innovation, rebuke nationalism *WMTW*

Lack of women inventors could hurt innovation, US patent office says CNET

5 Ways Ray Kurzweil Is Inspiring Future of Tech and Innovation Interesting Engineering

Why Highly Creative People Often Work in Pairs Artsy

Canada is building a nation of innovators Newswire.ca

Reversing the rural brain drain with remote working Curbed

A Journey to Wireless Neural Activity Modulation, Featuring Dr. Polina Anikeeva BioSpace

Artificial "Dumbness" May Be a Solution for Engineering Smart Machines Engineering | Scientific American

The Real Reason Tech Struggles With Algorithmic Bias Opinion | WIRED

Activision Blizzard Lays Off Nearly 800 Amid Major Restructuring *Variety*

Supporting Transformative Change in Science Classrooms Across America: A New Report from the National Academies Sponsored by Amgen Foundation and Carnegie Corporation of New York

Amgen Foundation's Leadership in Science Education

We should all learn like kindergartners if we want to succeed Quartz

5 things I've learned working with a women-dominated engineering team *Fast Company*

A new comprehensive report shows how women in STEM face huge disadvantages

Massive Science

Why stressed-out STEM workers should learn to play music

The Next Web

Learning about AI in schools from the health sector

Nesta

Insects Are Dying Off at an Alarming Rate

Smart News | Smithsonian

The challenge of common problems

Nesta

Why Is Bilingualism Framed as an Asset for Some Students and a Deficit for Others?

Pacific Standard

Middle School Music and Theater Students Get Better Grades

Pacific Standard

Growth In Life Sciences Innovation Triggers Demand For Real Estate Clusters *Forbes*

Are Successful Entrepreneurs Born or Made? Both

Entrepreneur

David Kelley on the 8 Design Abilities of Creative Problem Solvers *IDEO U*

Amazon, GM in talks to invest in electric pickup truck maker Rivian: sources Reuters

Colors and numbers

Seth's Blog

Five Ways To Increase Creativity And Innovation In Workshops And Meetings Forbes

Here's how a circus acrobat keeps from getting discouraged ideas.TED.com

6 Accidental Ways Companies Kill Innovation

Convince and Convert

Leveraging Mental Models in UX Design

Toptal

Introducing Eight Sleep's new biometric-monitoring smart bed

Fast Company

Rediscovering Patrick Kelly, the designer who made blackface his brand Fast Company

This is how to decide between two seemingly equally good options Fast Company

It's time to awaken the humanity in business Fast Company

Is digital minimalism the answer to our distracted lives? Fast Company

Taxing empty apartments could ease the housing crisis Fast Company

Morgan State University Awarded \$1.6 Million Base 11 Grant to Launch Student Rocketry Program

Diversity in STEAM Magazine

An Online Atlas Tracking Disappearing and Endangered Languages Across the Globe

Colossal

Neuroscience Is Going to Change How Businesses Understand Their Customers Harvard Business Review

3 philosophers set up a booth on a street corner – here's what people asked *The Conversation*

City Branding and the Urban Identity Crisis CityLab

What Trump's new Al initiative does—and doesn't—mean National Geographic

Also

7 problems with Trump's "American Al" Initiative Fast Company

Will Trump's New Artificial Intelligence Initiative Make The U.S. The World Leader In AI?

Forbes

Trump's Plan to Keep America First in Al WIRED

Why the US Needs a Strategy for Al WIRED

The False Promise of Silicon Valley's Quest to Save the World The New Republic

Six Driving Forces of Innovation for 2019 and Beyond

Innovation Excellence

China's Tencent invests in Reddit, sparking protests

Digital - Ad Age

Progress and Potential: A profile of women inventors on U.S. patents

USPTO

Tell Them We Are Rising: A Documentary Film Breaks New Ground

The Andrew W. Mellon Foundation

IP and Innovation on Capitol Hill: Week of February 11

IP Watchdog

The Tech 20: Innovations That Should Be On Your Radar

Twin Cities Business

Celebrating Women In Physics

Forbes

New UCL partnership with OECD aims to drive public sector innovation

Science|Business

Six MIT researchers elected to the National Academy of Engineering for 2019

MIT News

WPI's Gregory Fischer Elected a Senior Member of the National Academy of

Inventors

News | Worcester Polytechnic Institute

Harvard's Wyss Institute appoints Angelika Fretzen as its Technology Translation

Director

PRNewswire

Journalism Isn't Dying. It's Returning to Its Roots

WIRED

Turner's Kevin Reilly: HBO Will Be 'Core' of WarnerMedia Streamer

Variety

For Museums, Augmented Reality Is the Next Frontier

WIRED

It's Belief, Not Ability, That Makes Girls Think STEM Is Not For Them

Forbes

Texas A&M to lead NSF study of sexual harassment in STEM fields

EurekAlert! Science News

The Lemelson Foundation Awards Nearly Half a Million 3-Year Grant to Inspire and Recognize Middle School Inventors

Society for Science & the Public

A Principal's View: How Introducing STEM Has Radically Changed My Washington, D.C., School — and Just Won Us a Major Innovation Award *The 74*

America's Endangered Natural History Museums Hold the DNA Secrets of a Vanishing World

Pacific Standard

Answer

Imagineer7's Weblog

Publishers cry foul at Apple's terms in new sub service Digital - Ad Age

Turns Out One-Way Trips to Mars Not Exactly Great Business Plan *Gizmodo*

Exelon-backed fund looks to pick winners in the race for a better battery *Crain's Chicago Business*

When computers were human: The black women behind NASA's success New Scientist

Opinion | Why Girls Beat Boys at School and Lose to Them at the Office *The New York Times*

Business Case for Patient and Doctor Experience Innovation *Innovation Excellence*

Startups Platform Grow at Bosch: 3 Paths to Transition an Idea into an Innovation Project

Innovation Excellence

How Blockbuster, Kodak And Xerox Really Failed (It's Not What You Think) Innovation Excellence

Al Can Decode Words Directly From Brain Waves

Imagination Matters

The world's longest 3D-printed bridge was inspired by ancient engineering Fast Company

Reflecting on my failure to build a billion-dollar company Fast Company

Study: 2018 proves that, duh, diversity brings in bigger box office Fast Company

An earthquake in Turkey lasted 50 days, but no one felt it

National Geographic

The Power of Persistence

Finding Your Voice | Psychology Today

1 Definition of Innovation & 4 Strategies to Achieve It

The Brainzooming Group

Why study English? We're poorer in every sense without it

Susanna Rustin | Opinion | The Guardian

Do Animals Have Feelings?

The Atlantic

Trump to announce "American Al Initiative" today

Fast Company

Grammy Awards 2019: Kacey Musgraves Leads a Big Year for Women

The New York Times

The race to future-proof the economy: Navdeep Bains on the state of innovation in Canada

Financial Post

What if our future were designed equally by women?

unctad.org

A Tech Bubble? Our Industry Has Bigger Issues To Fret Over

Forbes

Are we long—or short—on talent?

McKinsey

Welcome

The Global Institute on Innovation Districts (GIID)

Tokyo's Olympic medals are made from 47 tons of recycled electronics

Fast Company

Research: When Gender Diversity Makes Firms More Productive

Harvard Business Review

The 15 most powerful women at Google

Business Insider

Fort Myers company recognized for its innovation in wearable tech

Naples Daily News

High-tech hub 'The Edge' aims to spur innovation in Alabama The Kansas City Star, AP

Arianna Huffington on the next big thing in tech: Disconnecting CNBC

LEGO Education Launches An Innovative Teacher's Program *Forbes*

Understanding a Teacher's Long-Term Impact *Edutopia*

Cedarburg teacher wins \$25,000 from National Museum of Mathematics *WDJT*

First Ohio State woman inducted into National Academy of Engineering Ohio State University News

One Scientist Hopes to Engineer the Climate With Antacid WIRED

A School That Embraces a Trendy Model: The Start-Up
The New York Times

UT symposium explores the art of getting more women into the sciences HoustonChronicle.com

NASA: Join Us in Going to the Moon ... and Beyond Opinion | OZY

Polymathy is Curiosity, Not Science Live Your Life On Purpose | Medium

Al has beaten us at chess, go and Jeopardy. Now it's taking on something much harder.

LinkedIn

10 Ways To Improvise, Thrive And Survive In A Startup *Startup Professionals Musings*

What Houston needs now to grow its economy HoustonChronicle.com

Is Mike Lazaridis Building the Next Silicon Valley in Canada? Canada.GreekReporter.com

United States moves up in international rankings for patent protection *USPTO*

I Blocked Amazon, Facebook, Google, Microsoft, and Apple *Gizmodo*

Hip-Hop, Hippies, and Robots: Invention and Reinvention in San Francisco *Atlas Obscura*

The Troubling Trajectory Of Technological Singularity Forbes

The Importance of Not Stepping In

The Principal of Change

CreativeFuture Asks New Congress for Greater Oversight of Internet Giants *Variety*

Here Are 15 Reasons Why We Need Platform Accountability, Not More Apologies CreativeFuture

Changing the Climate by Leaving "Climate Change" Behind Stanford Social Innovation Review

Amazon needs New York: This is an opportunity for the mega-corporation to broker a new deal with the city and state

NY Daily News

Al and Art III: The Work The Creativity Post

Also

Al and Art IV: Content Art
The Creativity Post

Al and Art V: Named Art
The Creativity Post

What If We Thought About Others The Way We Do Nature?

The Creativity Post

Mentorships and Kids

The Creativity Post

8 Design Thinking Problems and How to Fix Them

Innovation Excellence

Here's Why You Should Seek Rejection Instead of Avoiding It Innovation Excellence

Science Behind Why Our Brains Make Us Cooperate Imagination Matters

This new IBM recycling tech makes brand new plastic from dirty bottles Fast Company

Can plant-based burger startups reframe the masculinity of meat? Fast Company

Siemens Foundation launches new training program to fill building technology industry skills gap

Diversity in STEAM Magazine

Hidden world of microscopic life revealed in extraordinary pictures *National Geographic*

The More Loving One: Astrophysicist Janna Levin Reads W.H. Auden's Sublime Ode to Our Unrequited Love for the Universe Brain Pickings

Misbehaving: being clever and wicked is a form of creativity Aeon Ideas

OCAC terminates its degree program
Oregon ArtsWatch

How a Dispute Over the N-Word Became a Dispiriting Farce *The Chronicle of Higher Education*

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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

133 West Main Street, STE 100 Oklahoma City, Oklahoma 73102 http://nationalcreativitynetwork.org

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