



National Creativity Network

## ARTICLES OF INTEREST

December 7, 2018

### QUOTE(S) OF THE WEEK

“An original idea. That can't be too hard. The library must be full of them.” – Stephen Fry

“Progress is made by lazy men looking for easier ways to do things.” – Robert A. Heinlein

“I see no advantage in these new clocks. They run no faster than the ones made 100 years ago.” – Henry Ford

“The existing scientific concepts cover always only a very limited part of reality, and the other part that has not yet been understood is infinite.” – Werner Heisenberg

“The way to get started is to quit talking and begin doing.” – Walt Disney

“I have no doubt that we will be successful in harnessing the sun's energy. If sunbeams were weapons of war, we would have had solar energy centuries ago.” – George Porter

“You can't depend on your eyes when your imagination is out of focus.” – Mark Twain

### VIDEO(S) OF THE WEEK

#### **Die Schönste Zeit des Lebens (world premiere): U-M Contemporary Directions Ensemble**

*University of Michigan School of Music, Theatre & Dance | YouTube*

Also

**University of Michigan professor unearths Auschwitz music**

*Detroit Free Press*

**Sayonara, Polio!**

*Acumen | OZY*

**How technological innovation could amplify income inequality**

*PBS NewsHour*

**YouTube's top 10 videos of the year are the 2018 diversions we deserved**

*Fast Company*

**The Top 5 most creative brand ideas you need to know about**

*Special: Creativity Top 5 | Ad Age*

**FEATURED EVENTS/OPPORTUNITIES**

**NEW** Join us in celebrating CSEdweek

*Google for Education*

**Through December 7**

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

*Code.org | Medium*

**Through December 9**

**Water Council launches global Tech Challenge**

*BizTimes Media Milwaukee*

**Through January 13**

**How to do Creative Placemaking**

*Local Initiatives Support Corporation*

**Through April 10**

**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**

**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**

**Melinda Gates on women's equality in tech: "The next Bill Gates won't look like the last one"**

*Quartz at Work*

**Art as an academic form of expression**

*Study International*

**China greenlights first underwater high-speed railway**

*World Economic Forum*

**Opinion | Can We Finally Stop Talking About 'Male' and 'Female' Brains?**

*The New York Times*

**Is the gig economy all it's cracked up to be? | Gene Marks**

*Business | The Guardian*

**Stevie Wonder surprises everyone at Smithsonian mag's Ingenuity Awards**

*USA Today*

**I 3D-printed every bit of my wedding—including my bouquet**

*MIT Technology Review*

**Q&A: Justina Nixon-Saintil on How Investment Can Improve Equity in STEM Education**

*EdTech Magazine*

**Tech execs at White House field ideas for US dominance**

*AP News*

**How colleges are preparing students for jobs that don't exist yet**

*PBS NewsHour*

**New research provides detailed data better explaining college teaching costs**

*Inside Higher Ed*

**Why Are Scientists So Upset About the First Crispr Babies?**

*The New York Times*

**Technology can be the friend of creativity**

*Financial Times*

**Batteries explained — how battery innovation is changing our world**

*CNBC*

**Why I Won't Clap for a Hologram**

*Medium*

**Arrogance Leads to Irrelevance**

*The Principal of Change*

**Denver Public Libraries Are Helping Immigrants Become Citizens**

*Pacific Standard*

**Cirque Du Soleil Hires A Neuroscientist To Unlock The Mystery Of 'Awe'**

*Forbes*

**The ones that got away: Why making it big in tech might mean leaving Canada**

*Financial Post*

**An approach to zero based organization redesign**

*McKinsey*

**Your brain on imagination: It's a lot like the real thing, study shows**

*CU Boulder Today | University of Colorado Boulder*

**The Ten Best Science Books of 2018**

*Science | Smithsonian*

**Woman With Womb Transplanted From Deceased Donor Successfully Gives Birth**

*Smart News | Smithsonian*

**The most exciting aerospace innovations of 2018**

*Popular Science*

**Disabled Artists Launch National Disability Theatre**

*American Theatre*

**The Best (Free) Streaming Service You've Never Heard Of**

*WIRED*

**Artificial Intelligence and the coming of the self-designing machine**

*Ars Technica*

**How France wants to become a tech giant**

*TechCrunch*

**Real Businesses Have Real Assets**

*Innovation Excellence*

**How to Brainstorm Properly**

*Innovation Excellence*

**Teaching Robots to Play Before Putting Them to Work**

*Innovation Excellence*

**Four Lessons About Business Model Innovation We Can Learn From MoviePass**

*Innovation Excellence*

**The Future Of Work In The Age Of AI**

*Imagination Matters*

**127 countries are now working to ban single-use plastic**

*Fast Company*

**Rights groups and tech workers unite to swat down Google's Dragonfly**

*Fast Company*

**This is why women leave jobs in tech**

*Fast Company*

**Dear Curiosity: How NASA's rover makes Mars feel like home**

*National Geographic*

**To Transform Your Industry, Look at Someone Else's**

*IDEO Blog*

**"AHA!" Moments**

*The Creativity Post*

**2019 Golden Globe Nominations: Full List of Nominees**

*Variety*

**Ted Leonsis talks for Passions in America**

*The Business Journals*

**Stella McCartney to launch UN charter for sustainable fashion**

*Fashion | The Guardian*

**Kids of the 1% are 10 times more likely to become inventors**

*Big Think*

**White House Releases STEM Education Strategy**

*Earth and Space Science News*

**These are the 15 best US tech companies to work for in 2019, according to**

**Glassdoor**

*TechCrunch*

**Government of Canada invests in artificial intelligence and creates close to 1,000 middle-class jobs**

*NewsWire.ca*

**The Rossin College: Engineering Re-imagined**

*P.C. Rossin College of Engineering & Applied Science*

**Why is Google so bad at innovation? 44 dead products and counting...**

*ZDNet*

**Intel's new AI wheelchair technology helps individuals regain autonomy | Articles | Chief Innovation Officer**

*Innovation Enterprise*

**Adventures in the New Humanities: Making it in the maker space**

*St. Olaf College*

**Forecast Public Art looks back on 40 years of creativity**

*MPR News*

**Lilly Endowment Awards \$49M in Arts Grants**

*Inside INdiana Business*

**Travis Scott's Harvard Talk: 'A Master Class in Creativity'**

*Complex*

**Finding a Creative Outlet**

*Duke Today*

**A New Connection between the Gut and the Brain**

*Scientific American*

**Waymo's So-Called Robo-Taxi Launch Reveals a Brutal Truth**

*WIRED*

**It Only Takes Six Hours for Billions of Plastic Nanoparticles to Accumulate in Sea Scallops**

*Smart News | Smithsonian*

**This Sculptor Imagines Brain Waves in 3-D**

*Innovation | Smithsonian*

**Small-Town Principals Have Some of the Most Complex Jobs, and Highest Turnover Rates, in Education**

*Pacific Standard*

**U.S. Department of Commerce Invests \$21 Million to Accelerate Entrepreneurship Across the Nation; Announces Timeline for Next Round of Regional Innovation Strategies Competition**

*US Economic Development Administration*

**Opinion | 2018, as Seen by Five Artists**

*The New York Times*

**Innovation Needs Stories: Corporate Storytelling & Chief Storytelling Officers**

*The Thursday Thought | Medium*

**3M: Every new product must meet a sustainability goal**

*StarTribune.com*

**4 Mistakes To Avoid When Hiring Innovators**

*Game-Changer*

**Why humanity, diversity and collaboration matter in tech and fintech**

*Priviti | Medium*

**One test to diagnose them all: researchers exploit cancers' unique DNA signature**

*The Conversation*

**Make Your Best Decisions Using Brain Science**

*Innovation Excellence*

**The home of the future is the one you're already living in**

*Fast Company*

**How to redesign cities to fight loneliness**

*Fast Company*

**Millennial Pink is dead, and Pantone's Color of the Year killed it**

*Fast Company*

**Why Japan is giving away free houses (and how to get one)**

*Fast Company*

**Twitter's year in review reveals the most quoted, retweeted, and liked tweets of 2018**

*Fast Company*

**MoviePass revamps subscription plans and raises prices for 2019**

*Fast Company*

**The Excellence Dividend: Fundamentals 2018+**

*Tom Peters*

**A Scientifically Accurate Hand-Knit Sculpture of the Human Brain by Dr. Karen Norberg**

*Colossal*

**Illustrations Transform Nike Air Maxes Into Concepts That Pay Homage to Their History**

*Colossal*

**Are aptitude tests an accurate measure of human potential?**

*Aeon Essays*

**Video games becoming more popular among teenage girls – survey**

*Games | The Guardian*

**Creative Strategist Initiative: Embedding Artist in the Bureaucracy**

*ARTS Blog*

**11 Secrets of Hollywood Science Advisors**

*Mental Floss*

**Aaron Klug, 92, Dies; His 3-D Images of Bodily Molecules Won a Nobel**

*The New York Times*

**In a High-Tech World, Humanities and Other Liberal Arts Are More Essential Than Ever**

*The Daily Beast*

**Why ignoring women has been bad for science**

*National Geographic*

**Build Your Creative Confidence: I Like, I Wish**

*IDEO Blog*

**The fate of self-driving cars hangs on a \$7 trillion design problem**

*Fast Company*

**Investigation and Design Can Improve Student Learning in Science and Engineering; Changes to Instructional Approaches Will Require Significant Effort**

*National Academies of Sciences Engineering and Medicine*



**Governments, schools, nonprofits, and teachers pledge to bring CS to millions of students**

*@code.org | Medium*

**Microsoft commits \$10M to Code.org as survey finds obstacles to teaching computer science**

*GeekWire*

**White House to hold roundtable with tech executives on innovation**

*Yahoo! Finance*

**Scientists develop 10-minute universal cancer test**

*Science | The Guardian*

**This strange marine creature has an immune system remarkably similar to ours**

*Science | AAAS*

**Reddit, YouTube, Others Push Against EU Copyright Directive**

*Gizmodo*

**Artificial Intelligence Will Save Humanity, but Does Anyone Care?**

*Opinion | OZY*

**Group Brainstorming Techniques**

*Imagineer7's Weblog*

**The Next Dimension**

*On Wisconsin Magazine*

**Is Creativity Finally Dead?**

*How to Unlock Your Creative Potential | Medium*

**History's Selfies: Looking at Artists Looking at Themselves**

*At the Smithsonian | Smithsonian*

**Moving forward: Notes from Session 6 of TEDWomen 2018**

*TED Blog*

Also

**Be aggressive about your ambition: Stacey Abrams speaks at TEDWomen 2018**

*TED Blog*

**Showing off: Notes from Session 5 of TEDWomen 2018**

*TED Blog*

**Interview: Girlboss Founder & CEO Sophia Amoruso Is Building A New Kind Of Community For Professional Women**

*PSFK*

**Disaster Can Open the Door for Innovation**

*Innovation Excellence*

**3 Social Entrepreneurs That Are Changing The World From The Bottom Up**

*Innovation Excellence*

**The Design Thinking Playbook**

*Innovation Excellence*

**Top 20 Innovation Articles of October 2018**

*Innovation Excellence*

**Forbes Releases 2018 US List of Top 50 Women in Tech**

*Forbes*

**Meet Birmingham's Rising Stars of Technology & Innovation**

*Birmingham Business Journal*

**Do luxe labs shape science?**

*Nature*

**Mind Over Matter: Artificial Intelligence Can Slash The Time Needed To Develop New Materials**

*Forbes*

**Team decodes the mental key that opens a world of creativity**

*ScienceBlog.com*

**Geek of the Week: Science, tech and startups fuel William Canestaro at Wash. Research Foundation**

*GeekWire*

**How Artificial Intelligence is Making Inroads in the Music Industry**

*Inside Science*

**Why culture trumps tech when it comes to innovation**

*Washington Technology*

**AAAS and The Lemelson Foundation promote innovators**

*Science*

**USMCA: US, Canada, and Mexico sign trade pact at G20**

*Vox*

**Moog, Inc. gift establishes professor of innovation in the UB School of Engineering and Applied Sciences**

*University at Buffalo*

**Purdue Program Aims to Create 'Technology Maestros'**

*Inside INdiana Business*

**Amazon Enters the Self-Driving Car World With an Old, Successful Strategy**  
*Inverse*

**Interview with Dr. Barbara Shinn-Cunningham, director of CMU's new neuroscience institute**  
*The Tartan*

**NIH continues Brown support with \$12 million grant to explore the fundamentals of brain function**  
*EurekAlert! Science News*

**Next Omaha Science Cafe to focus on pediatric brain cancer**  
*The Sun Herald*  
**December 11**

**Your Brain Sees Ambiguous Language as a Type of Illusion**  
*Scientific American Blog Network*

**Creativity in the Internet Age: What Influence Did the Internet Have on the Art World**  
*Vents Magazine*

**Janie and Renee Art Studio is an Alabama Maker centered on creative collaboration**  
*Alabama NewsCenter*

**Thompson: Creativity can't be automated**  
*Sarasota Herald-Tribune*

**Timeline: The Mozart Effect And The Intrinsic Value Of Art**  
*Vermont Public Radio*

**Virgil Abloh Talks About Creativity in Milan**  
*WWD*

**4 Pillars to Letting the Innovation Engine Roar at Total Booster**  
*Innovation Excellence*

**Making A Maker: Hands-on Learning In The Classroom**  
*Imagination Matters*

**Stop freaking out about robots**  
*Fast Company*

**We need so many paper straws now, they're building a whole new factory to meet demand**  
*Fast Company*

**Instagram's IGTV was supposed to be the "next generation's TV-viewing experience." What happened?**  
*Fast Company*

**Sesame Workshop just got another \$100 million to bring Muppets to refugee kids**  
*Fast Company*

**How This Former MIT Professor And Google Engineer Used Holograms To Build A \$28 Million Startup**  
*Diversity in STEAM Magazine*

**Learning, Empathy And Diversity Have Put Microsoft On A Path Of Unstoppable Growth**  
*Diversity in STEAM Magazine*

**Code.org and Amazon Kick Off Hour of Code: Dance Party to Introduce One Million Girls to Coding**  
*Diversity in STEAM Magazine*

**Want to Be Creative?**  
*Rethinking Mental Health | Psychology Today*

**(Whose) Future of (What) Work**  
*Age of Discovery | Psychology Today*

**The Psychology of Code-Breaking: 100-Year-Old Insight from Cryptography Pioneers William and Elizebeth Friedman**  
*Brain Pickings*

**Against Common Sense: Vladimir Nabokov on the Wellspring of Wonder and Why the Belief in Goodness Is a Moral Obligation**  
*Brain Pickings*

**9 Ways to Unlearn Faster than You Are Now**  
*The Brainzooming Group*

**How MoMA exhibitions are designed and built.**  
*Slate*

**How the Inkas governed, thrived and fell without alphabetic writing**  
*Aeon Ideas*

**Should we relinquish our insistence on privileging original works of art?**  
*The Art Newspaper*

**New Popeye Videos Show What 90 Years of Spinach Can Do for a Guy**  
*The New York Times*

**The Placenta, an Afterthought No Longer**  
*The New York Times*

**Yes, the Octopus Is Smart as Heck. But Why?**  
*The New York Times*

**The Future Is Bright for the Video Games of Yesterday**

*The New York Times*

**Black Male Writers for Our Time**

*The New York Times*

**In China, Gene-Edited Babies Are the Latest in a String of Ethical Dilemmas**

*The New York Times*

**How the Japanese animated feature 'Mirai' seeks to change the way children are seen on screen**

*Los Angeles Times*

**What can psychology tell us about music?**

*Oxford University Press blog*

**New York City to erect statue of Shirley Chisholm, the first black woman to serve in Congress, at Prospect Park**

*NY Daily News*

**Artists Like Damon Davis Are Transforming the Image of Blackness**

*VICE*

**This museum wants your fingerprint and heart rate for the sake of art. Will people actually do it?**

*The Washington Post*

**Georgina Pazcoguin on Eliminating Asian Stereotypes in Ballet**

*Pointe*

**Merce Cunningham at 100: 75 dancers perform 300 solos in three cities**

*Stage | The Guardian*

**More than Coding: What Students Really Learn from Computer Science**

*Edmodo | Medium*

**At COP24, Electric Aviation Is Poised for a Revolution—and It's About Time**

*Pacific Standard*

**Silicon valley embraces aquaculture innovation**

*The Fish Site*

**The Friendship That Made Google Huge**

*The New Yorker*

**What America's Science Agencies Are Doing About Harassment**

*Pacific Standard*

**Despite CRISPR baby controversy, Harvard University will begin gene-editing sperm**

*MIT Technology Review*

**Ten predictions for 2019**

*Nesta*

**Entrepreneurship Inside The Box: Glass Cubes At MIT And Blowout Parties In The Alps**

*Forbes*

**What's New, and What's Not, in the Reported Birth of the CRISPR Babies**

*Smithsonian*

**The Biggest Science Stories of 2018**

*Gizmodo*

**How Deaf Children Are Being Locked Out of Language**

*Acumen | OZY*

**Johanna Burton, new director of Ohio State's Wexner Center, on how she ended up at the "epicenter" of art in Columbus**

*Bizwomen*

**Mathematics Waits For Everyone, But Few Wait For Mathematics**

*QED | Medium*

**Can tech and the humanities exist side by side? Can they afford not to?**

*The Washington Post*

**The Hoberman Sphere Maker Toys With Origami Structures**

*WIRED*

**If You Want to Create Space for Innovation at Your Company, This Is What You Need to Do**

*Entrepreneur*

**The Real Reasons Netflix Is Cancelling Its Marvel Shows**

*Forbes*

**Uber Eats Is Killing the Sociable Restaurant Experience**

*The Atlantic*

**Do you know your stuff? The ethics of the material world**

*Aeon Essays*

**Neil deGrasse Tyson Sexual Misconduct Claims Being Investigated by Fox, 'Cosmos' Producers**

*Variety*

**A Quiet War Rages Over Who Can Make Money Online**

*WIRED*

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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

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