

432shares

[Business](#)

181 tweets

[Autos](#)[Energy](#)

Share

[Logistics & Transportation](#)[Media & Entertainment](#)[Pharma & Healthcare](#)[Retail](#)[SportsMoney](#)[Strategies & Solutions](#)[Wall Street](#)[Washington](#)

[The NFL's Most Disliked Players](#)

- [Investing](#)

- [Advisor Network](#)

- [Bonds](#)

- [Commodities & Currencies](#)

- [ETFs](#)

- [International](#)

- [Intelligent Investing](#)

- [Markets](#)

- [Mutual Funds](#)

- [Options](#)

- [Personal Finance](#)

- [Real Estate](#)

- [Retirement](#)

- [Stocks](#)

- [Taxes](#)



[Special Report: Global Investing Strategies](#)

- [Tech](#)

- [CIO Network](#)

- [Data Driven](#)

- [Games](#)

- [Gear](#)

- 432shares ○ [Green Tech](#)
- [Human Ingenuity](#)
- 181 tweets ○ [Innovation & Science](#)
- [Future Tech](#)
- Share ○ [Mobile](#)
- [On Demand](#)
- [Security](#)
- [Social Media](#)
- [Steve Jobs](#)
- [Techonomy](#)



[What's Next In Commerce](#)

- [Entrepreneurs](#)
 - [Exit Strategy](#)
 - [Financing](#)
 - [Management](#)
 - [Players](#)
 - [Sales & Marketing](#)
 - [Taxes & Law](#)
 - [Promising Companies](#)



[10 Myths About Social Networking For Business](#)

- [Op/Ed](#)



[The Best Cities For Jobs](#)

- [Culture & Books](#)
- [Fact & Comment](#)
- [Economics](#)
- [Forbes Quotes](#)
- [Innovation Rules](#)

- 432shares ○ [Law](#)
○ [Policy](#)
181 tweets ○ [Politics](#)
○ [Regulation](#)
Share ○ [World Affairs](#)
● [Leadership](#)



[America's Most Surprising Six-Figure Jobs](#)

- [Business Renegades](#)
- [Careers](#)
- [CEO Network](#)
- [CMO Network](#)
- [Corporate Responsibility](#)
- [Education](#)
- [ForbesWoman](#)
- [Leaders](#)
- [Managing](#)
- [Sales Leadership](#)
- [Lifestyle](#)



[Billionaire Passions & Pursuits](#)

- [Arts & Entertainment](#)
- [Food & Drink](#)
- [Health](#)
- [Places & Spaces](#)
- [Sports & Leisure](#)
- [Style & Design](#)
- [Travel](#)
- [Vehicles](#)
- [Lists](#)



432 shares [The World's Most Powerful People](#)

- 181 tweets
- Share
- [America's Best Colleges](#)
 - [America's Best Small Companies](#)
 - [Best Places for Business & Careers](#)
 - [Celebrity 100](#)
 - [Forbes 400 Richest Americans](#)
 - [Global 2000 Leading Companies](#)
 - [Largest Private Companies](#)
 - [Most Expensive Zip Codes](#)
 - [100 Most Powerful Women](#)
 - [World's Billionaires](#)
 - [World's Most Powerful People](#)
 - [All Lists](#)

Forbes

[Help](#) | [Login](#) | [SignUp](#)

Search news, business:

[Free Issue >](#)



[How To Stash More Cash](#)



[Billionaire Passions & Pursuits](#)



[Russia, The Next Silicon Valley?](#)

[Infosys](#)

[AdVoice: How Well Do You Know Social?](#)

- [30 Under 30](#)
- [Forbes 400 Richest Americans](#)
- [World's Most Powerful People](#)
- [The Celebrity 100](#)
- [The World's Billionaires](#)
- [+more](#)

Real Estate Social & Mobile

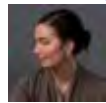
list

181 tweets

Share



[Art & Design](#)



[Energy](#)



[Entertainment](#)



[Finance](#)



[Food & Wine](#)



[Law & Policy](#)



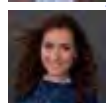
[Media](#)



[Music](#)



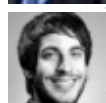
[Real Estate](#)



[Science & Innovation](#)



[Social & Mobile](#)



[Technology](#)

Science & Innovation

By **Matthew Herper** and **Seline Jung**



Danielle Fong

DanielleFong

DalaiLama The creation of a more peaceful and happier society has to begin from the level of the individual.

6 days ago · reply · retweet · favorite

ycombinator Also congrats to @8en @_dave @danicgross

4: @solomonstre @anson_tsai @ericfrenkiel @JessicaMah - too many alumni in the lists for one tweet!

7 hours ago · reply · retweet · favorite

1: ycombinator Congrats YC alumni @jakemintz @joshbuckley @kn0thing @soundboy @drewhouston @ryanamos @drusenko and partner @harjeet on Forbes 30 under 30!

7 hours ago · reply · retweet · favorite

DalaiLama Appreciate how rare and full of potential your situation is in this world, then take joy in it, and use it to your best advantage.

39 days ago · reply · retweet · favorite



Join the conversation



- Featured
- **Daniela Witten**
- 27
- Assistant Professor
- University of Washington
- [Success Is In Daniela Witten's DNA](#)
- [Gallery: 30 Under 30: Science](#)

The daughter of two string theorists, Daniela Witten says she didn't go into the family business because she "wasn't smart enough." Instead she became a professor at 26, and is now developing artificial intelligence programs that decipher how genes lead to disease. Since 2000, the cost of sequencing a person's 6 billion DNA letters has dropped from \$2 billion to \$5,000. The result overwhelmed Scientists. Witten uses machine-learning programs like Google's and Facebook's to crunch the data.

432shares

181 tweets

Share [Kyle Allison](#)

- 26
- Graduate Student
- Boston University

New ways to kill bacteria that hide dormant in killer biofilms in the body.



- [Rizia Bardhan](#)

- 29
- Postdoctoral Candidate
- Lawrence Berkeley National Laboratory



○

Nanotech particles that can diagnose or treat disease; new ways of storing energy.



- [Imre Bartos](#)

- 29
- Graduate Student
- Columbia University

Diverse dude: Not only studies black hole formation, but also the physics of mosquito eyes.



- [John Calarco](#)

- 29
- Bauer Fellow, FAS Center for Systems Biology
- Harvard University

Studies how different readouts of the same genetic code affect the development of the nervous system.



- [Mozziyar Etemadi](#)

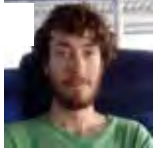
- 25
- Graduate Student, Department of Bioengineering & Therapeutic Sciences

432shares ○ University of California, San Francisco

Developing a mobile device to detect pre-term labor in high-risk pregnancies and alert the physician via the cloud.

181 tweets

Share



• [Jeremy England](#)

- 29
- Assistant Professor of Physics
- MIT



○

Studies the physics behind how proteins fold, cells develop, and other fundamental biological processes.



• [Christina Fan](#)

- 28
- Senior Scientist
- ImmuMetrix



○

Began work on a new, non-invasive test for Down syndrome.



• [James Fraser](#)

- 29
- QB3 Fellow
- University of California, San Francisco

Uses computation and biophysics to discover mutations that cause disease.



• [Chris Harrison](#)

- 26
- Graduate Student
- Carnegie Mellon University

432 shares Developing new, futuristic user interfaces that could allow computers as small as matchbooks to have big displays.

181 tweets

Share



[Jeffrey Kidd](#)

- 28
- Assistant Professor, Department of Human Genetics
- University of Michigan.

Using DNA sequencing to understand what forces shape evolution in human beings and animals.



[Heather Knight](#)

- 28
- Chief Executive
- Marilyn Monrobot



○



○

Creating interactive theater using robotics.



[Raj Krishnan](#)

- 29
- Chief Executive
- CEO, Biological Dynamics, Inc.

432 shares Developing blood tests that use electric fields to detect key signals that a patient has cancer from the blood.

181 tweets

Share



[Marc Lajoie](#)

- 26
- Graduate Student
- Harvard University



○



○

Powerful new methods to change many of an organism's genes at once could kick-start genome engineering.



[Uri Laserson](#)

- 28
- Founder
- Good Start Genetics



○

432shares

181 tweets

Share



DNA sequencing pioneer helped found company that tests parents for genetic diseases they might pass to their kids.



• [Albert Mach](#)

- 25
- Graduate Student
- UCLA

His centrifuge on a chip that could provide a rapid way to detect cancer via a blood test.

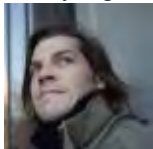


• [Ciara Metcalfe](#)

- 28
- Postdoctoral Fellow
- Genentech



○ Studying stem cell hidden in the intestine to search for new drugs for people.



• [Jean-Baptiste Michel](#)

- 29
- Visiting Faculty
- Google

432shares

181 tweets

Share



Generating new insights into the evolution of human language and culture by analyzing millions of books.



• [Christopher Morgan & Leigh Anne Ihnken](#)

- 29, 29
- Research Scientists
- GlaxoSmithKline



○ Making pharmaceutical chemistry less expensive and less harmful to the environment.



• [Sarah Ng](#)

- 27
- Graduate Student
- University of Washington



○ Use of DNA sequencing to find the genes that cause rare diseases.



• [Bryan Parno](#)

- 29
- Researcher
- Microsoft

432 shares Making computers more secure by combining cryptography with hardware and software on one device to protect others, too.

181 tweets

Share



[Steven T. Piantadosi](#)

- 27
- Postdoctorate Student, Department of Brain and Cognitive Sciences
- University of Rochester



○

Understanding the way human beings use an innate understanding of probability to grasp new or ambiguous concepts.



[Cary L. Pint](#)

- 29
- Research Scientist, Extreme Technologies Research Group
- Intel Corporation



○

Nanotube supercapacitors for creating high energy batteries.



[Christopher Rogan](#)

- 28
- Graduate Student
- Caltech

His research using the Large Hadron Collider test plumb fundamental balances between quantum particles.



[Jessie Rosenberg](#)

- 25
- Research Staff Member, Silicon Photonics Team

432shares ○ IBM TJ Watson Research Center

181 tweets

Share



○
Graduated college at 17; now uses optical technology to make faster, better computer chips.



● [David Simmons-Duffin](#)

- 27
- Graduate Student
- Harvard University



○
Theoretical physicist creating mathematical models of the similarity (dubbed supersymmetry) between quantum particles.



● [Ryan Tewhey](#)

- 29
- Graduate Student
- University of California, San Diego

Using DNA sequencing to figure out what makes the MRSA super-germ so very deadly and hard to kill.



● [Harris Wang](#)

- 28
- Wyss Fellow
- Wyss Institute for Biologically Inspired Engineering

432shares

181 tweets

Share



Creating synthetic bacteria to study and combat human diseases in the digestive system and on the skin.



• [Christian Wentz](#)

- 25
- Founder
- Cerenova, Kendall Research



○ New ways to analyze brain data; founder, two biotech.



• [Jodie Wu](#)

- 24
- Founder, Chief executive
- Global Cycle Solutions



○ Her company redesigns bicycles to thresh corn and do other agricultural jobs in rural Tanzania where electricity is scarce.

432 shares

181 tweets

Share



- **Expert Panel**

432shares

181 twe

Share

**Steve Quake**

Stanford University

One of biotech's most prolific inventors sequenced his own DNA on a machine he created.

**Lisa Randall**

Harvard University

The physics icon's book, *Knocking on Heaven's Door*, explains today's physics and how science describes reality.**Eric Topol**

The Scripps Research Institute

Cardiologist and author of *The Creative Destruction of Medicine*, about genetics and wireless technology.**Video****[Success Is In Daniela Witten's DNA](#)**

Crunching data on the road to curing cancer.

Gallery

432 shares

181 tweets

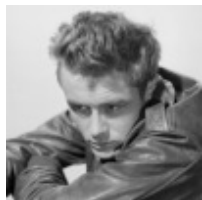
Share



[30 Under 30: Science](#)

Today's disruptors and tomorrow's brightest stars from biotech to astrophysics.

30 Under 30



[Greats Who Died Too Young](#)

Billy Joel was right. Some of the most promising people throughout history checked out long before their time—a depressing number of them musicians.

PHD-Level Fellowships

in Science and Technology. Work with
CA Legislators & policy-makers
www.fellows.ccst.us/apply-by-Feb-29

AdChoices 

432 shares

181 tweets

Share



- [The Forbes 400](#)
- [World's Billionaires](#)
- [Celebrity 100](#)
- [World's Leading Companies](#)

[more +](#)

- The Forbes 400 is the definitive list of wealth in America, profiling and ranking the country's richest citizens by their estimated net worths. [View complete list »](#)

432shares

181 tweets

Share



[**#1Bill Gates**](#)

[Latest News »](#)



[**#14Mark Zuckerberg**](#)

[Latest News »](#)

432shares

181 tweets

Share



[#7George Soros](#)

[Latest News »](#)



[#331Stewart Rahr](#)

[Latest News »](#)



[#212Lynda Resnick](#)

[Latest News »](#)

432shares

181 tweets

Share



[**#37Rupert Murdoch**](#)

[Latest News »](#)

Photo Galleries and More



[**The Best States For Business**](#)



[**The Biggest Energy Myths Busted**](#)



[**10 Things You Should Know Before Buying A Gift Card**](#)

432 shares

181 tweets

Share



[The Happiest Airlines For Holiday Travel](#)



[The World's Most Innovative Business Thinkers](#)

- [Home](#)
- [Business](#)
- [Investing](#)
- [Tech](#)
- [Entrepreneurs](#)
- [Op/Ed](#)
- [Leadership](#)
- [Lifestyle](#)
- [Lists](#)
- [Forbes Conferences](#)
- [Newsletters](#)

[Advertising Information](#) | [Self-Serve Advertising](#) | [Reprints/Permissions](#) | [Terms, Conditions and Notices](#) | [Privacy Statement](#) | [Contact Us](#) | [Sitemap](#) | [Help](#) 2011 Forbes.com LLC™ All Rights Reserved

- [Forbes Russia](#)
- [Forbes Poland](#)
- [Forbes Romania](#)
- [Forbes China](#)
- [Real Clear Politics](#)
- [Real Clear Sports](#)
- [Real Clear Markets](#)

- [Spirent](#)
- [Morningstar](#)
- [Xignite](#)
- [Thomson Reuters](#)
- [Ad Choices](#)

Magazines

181 tweets

Share



[Free Trial Issue](#) [Subscriber Services](#) [Buy Back Issues](#)