

Tasks for you as you listen to this talk:

- Identify something about your work, or how you came to do the work you do, which would make someone want to learn more.
- As I touch upon different channels of communication, identify the ones most suited for telling your story.
- For the finale, I will ask volunteers to share what they came up so we can analyze and discuss the choices.

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death of his , or her or their the the twenty third day of Polober one thousand ing

Most engaging stories have this same is ever of he simple WOW* structure: mell Drumonds of Charing traffic ord Chancellor shall fully proper manner; and I desire of my fail ordered to my said nephew, Henry James

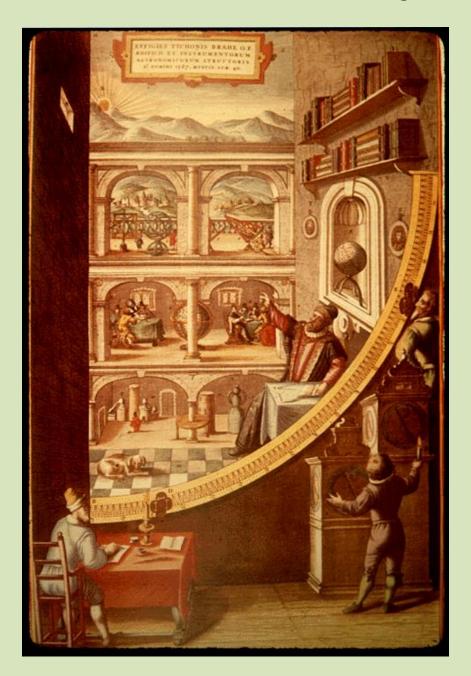
- I put my property under the managem ugerford marry I impoleer him to A protagonist Wants something. In the case of the death of my
- now lamplayed its the London docks and residing off of 917 Mubile Place North mi The protagonist must overcome
 Obstacles to get what he/she wants. quenth the Twhole of my property & my having done but very little for
- The protagonist Wins or loses.

 *A concept derived form children's book writer Mary Amato.

 *A concept derived form children's book writer Mary Amato.

w rephew without leaving a children

Science is the greatest story that can be told.

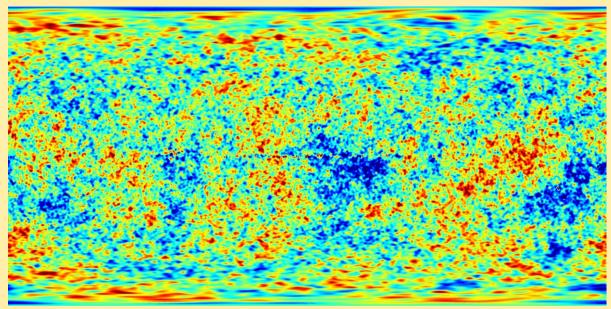


- The scientific way of asking and answering questions has led to an illuminating and empowering story about how nature works.
- 2 The science story evolves as a series of provisional truths based on the evidence in hand and current theoretical frameworks.
- 3 This story is packed with drama.
- 4 People love great stories and you have some to tell.
- Science and technology have become more important in decision-making

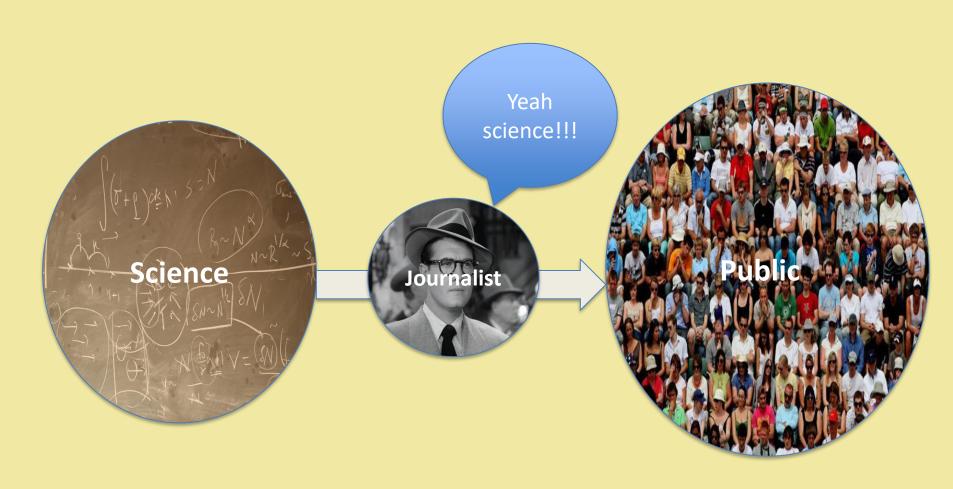
Don't forget this reason for sharing stories about scientific inquiry:

One of the greatest gifts scientists give to humanity are invitations to experience awe by revealing how the universe works, from its smallest to largest scales.

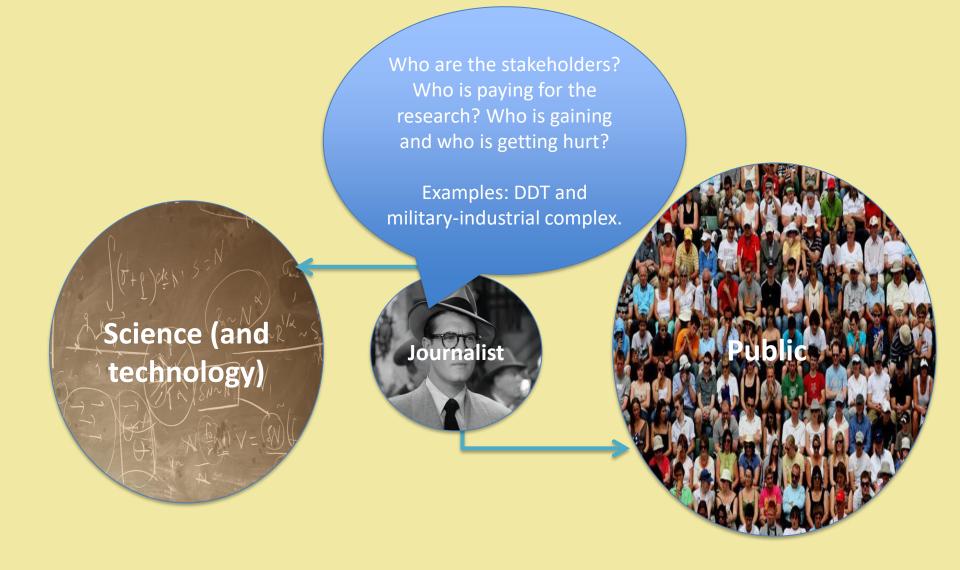




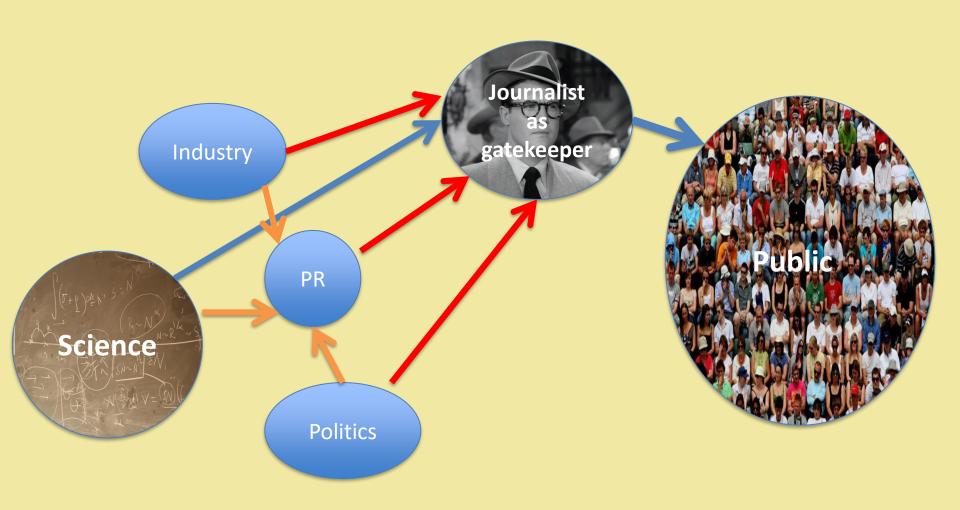
And now for a brief history of science journalism...



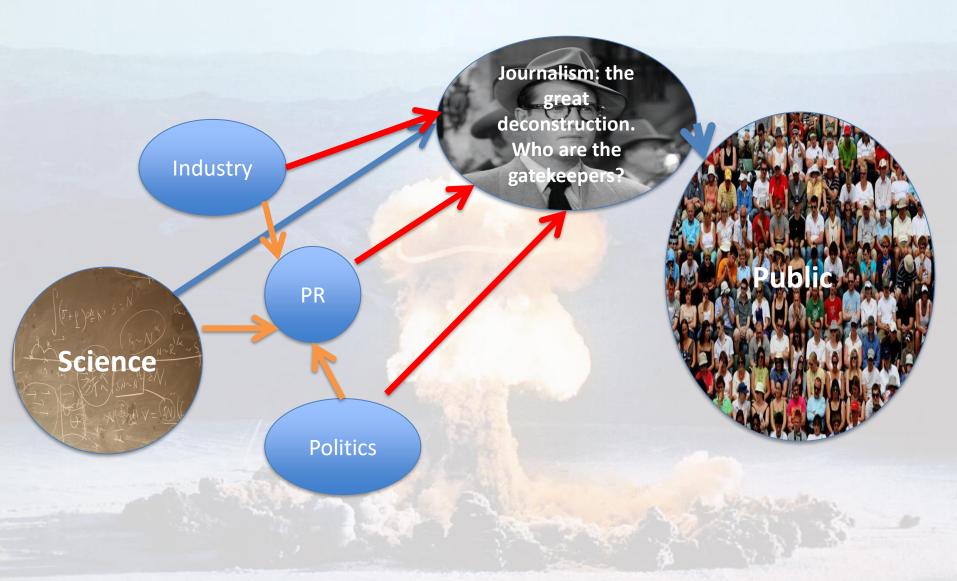
The Cheerleader Era



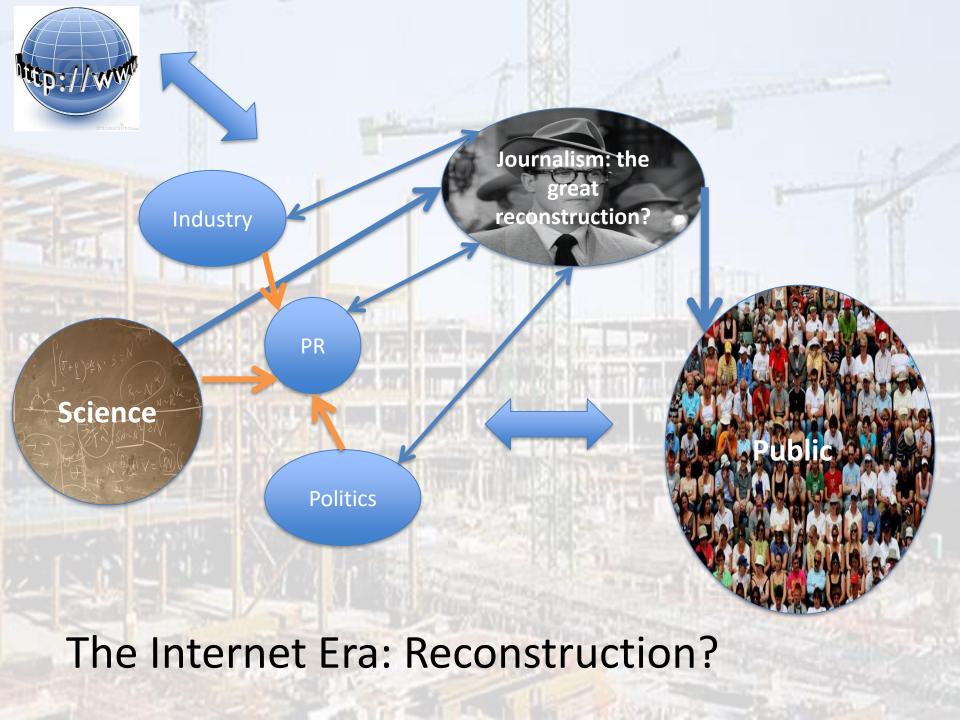
The Watchdog Era (1960s)



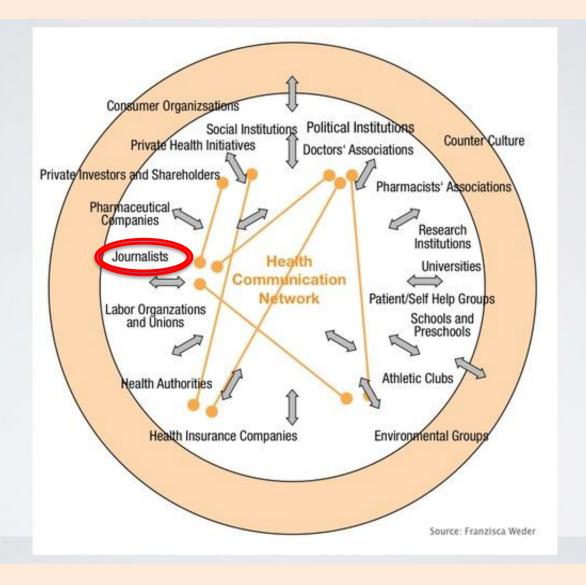
The Public Relations Era (1980s)



The Internet Era: Deconstruction



Journalists have become one voice among many in an enlarging crowd...



Christoph Drösser

KITP 2/19/14

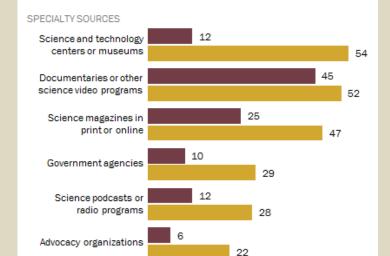
Most Americans rely on general news outlets for science news, but a minority says they get the facts right about science

% of U.S. adults who say ...

- They regularly get their science news from each source type
- Each source type gets science facts right most of the time

GENERAL NEWS SOURCES





Note: "Most of the time" combines those who said "almost all" or "more than half" of the time. Respondents who gave other responses on each question or who did not give an answer are not shown. Other source types rated are not shown.

Source: Survey conducted May 30-June 12, 2017.

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"Science News and Information Today"

Online discussion forums

about science

PEW RESEARCH CENTER

Who consumes science news?

About one-in-six U.S. adults are active science news consumers

% of U.S. adults who are each type of science news consumer

ACTIVE CONSUMERS	CASUAL CONSUMERS	UNINTERESTED CONSUMERS
Get science news weekly AND tend to look for it	weekly OR tend to	Get science news monthly or less AND tend to come across it
17%	32	49

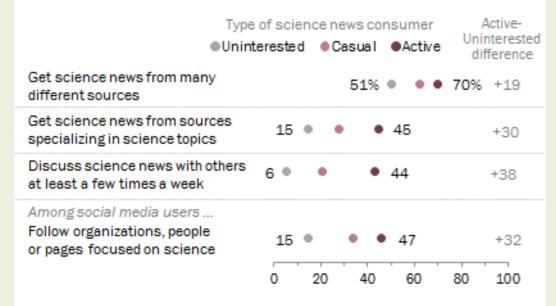
Note: Respondents who did not give an answer to either question are not shown. Source: Survey conducted May 30-June 12, 2017.

"Science News and Information Today"

PEW RESEARCH CENTER

Active science news consumers rely on a wider range of sources and discuss science news more often

% of U.S. adults in each group who say they ...



Note: Type of science news consumer based on their frequency of science news consumption and whether they tend to look for or come across it. Respondents who gave other responses or who did not give an answer are not shown.

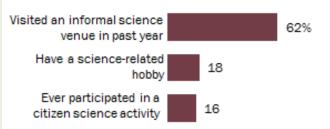
Source: Survey conducted May 30-June 12, 2017.

"Science News and Information Today"

PEW RESEARCH CENTER

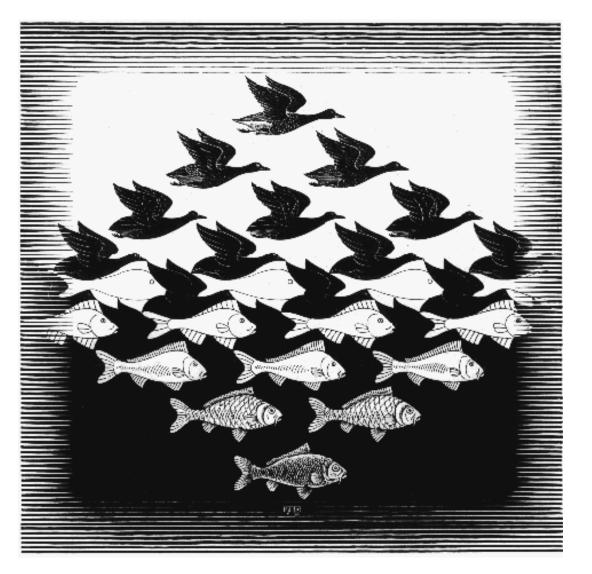
Many Americans encounter science in other venues of everyday life

% of U.S. adults who ...



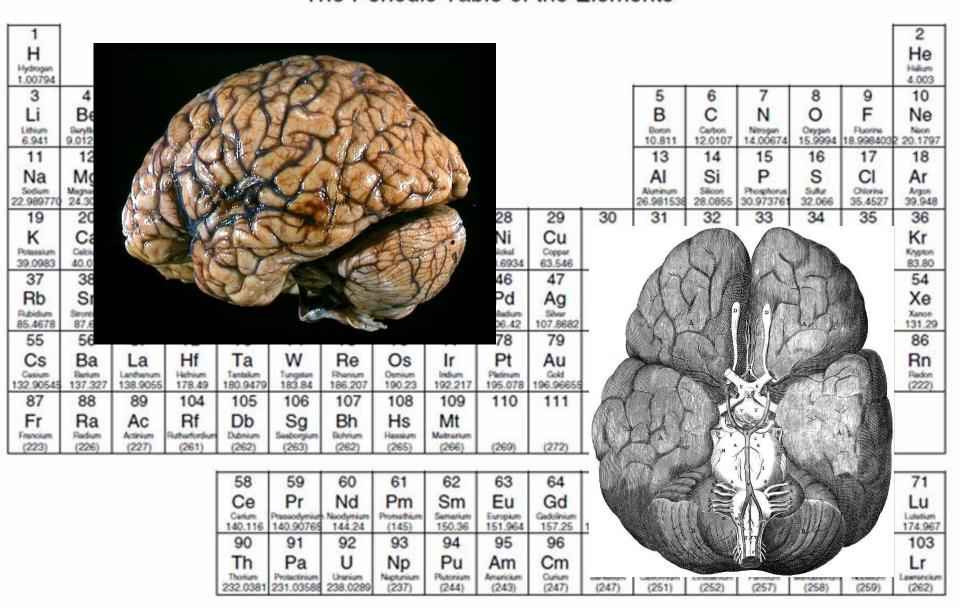
Note: Visits to informal science venues based on those who have been to any of five informal science venues. Citizen science activity based on those who have done any of three activities. Respondents who did not do each or who did not give an answer are not shown. Source: Survey conducted May 30-June 12, 2017. "Science News and Information Today"

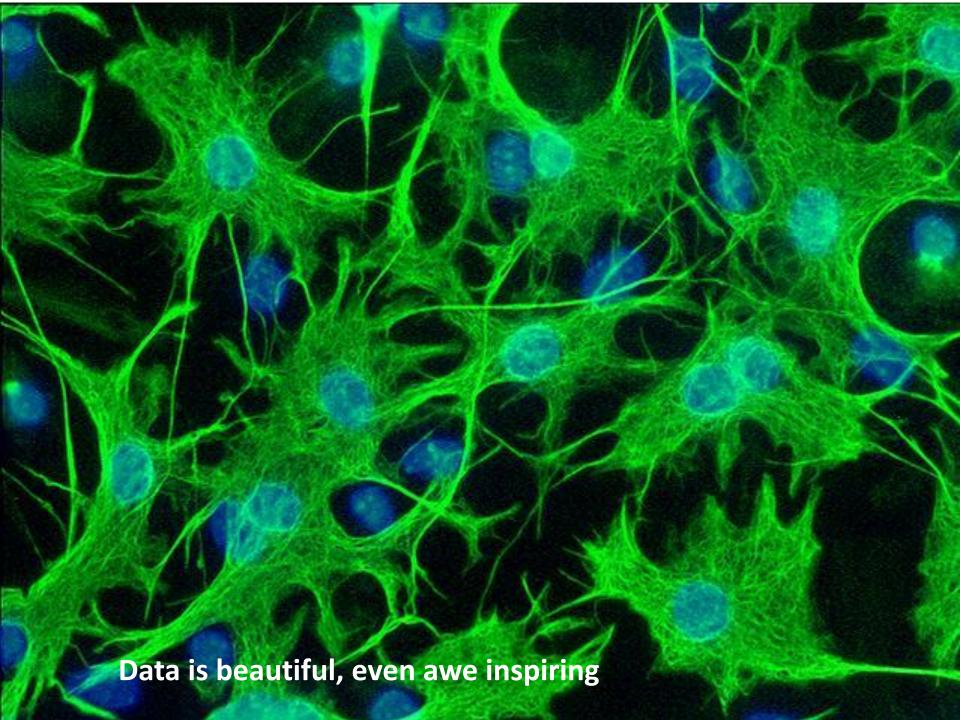
PEW RESEARCH CENTER



A would-be scientist defects from the lab bench and morphs into a science writer and later into a champion of the notion that science communication can unfold anywhere

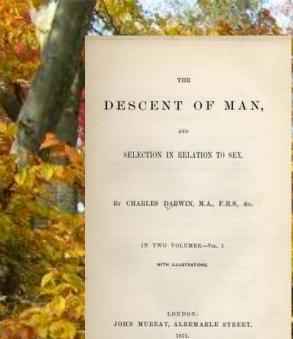
The Periodic Table of the Elements





This is about where the double beheading comes in...





[The right of Propolation is reserved ?





MATEMATICO SOPRAGRIDINARIO DELLO STYDIO DI PISA.

E Filififo, e Manmarko primario del PERENTERINO

GR.DVCA DITOSCANA.

Dose no i congressi di quattro giornate si discorne sispeni dos

MASSIMI SISTEMI DEL MONDO TOLINGUOUS COPERMICANO,

Programali indicerconstanteurs is region Fligiglife, e Statural. Sente por l'une, quante per l'altre porte.

VILEGE.

IN PROBENZA, Per Gio Baille Landini MIDCXXXIII. COM EXCENSA IN MARKADOM.

The scientific story is rife with high human adventure

Master teacher Holly Stocking shows me how to combine a love of science and a love for words into a profession that is all about telling great and important stories to a general audience.



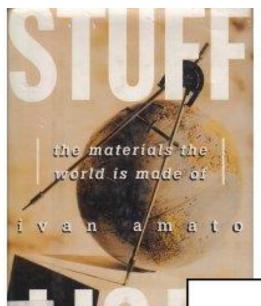


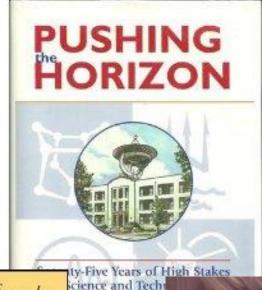
...then extended to a national reach...





...then beyond the scientific choir....





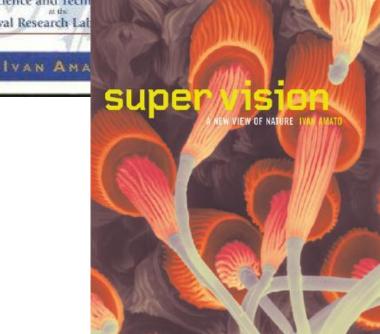
Science Pathways Discovery

> Ivan Edited by Amato

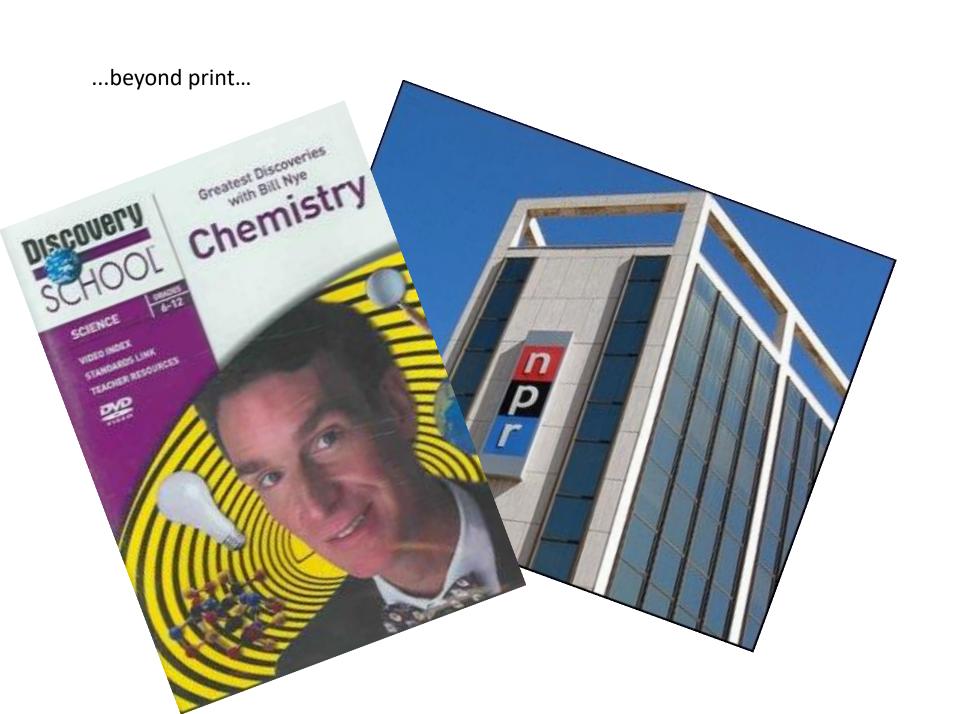
Essays by: aval Research Lab Gould Scovenson Lander Weinberg Lederberg Gregory B. Olson McLaren Lucky Kleppner Jackiw Nurse Pour I Crutzen Ramanathan Kandel Squire

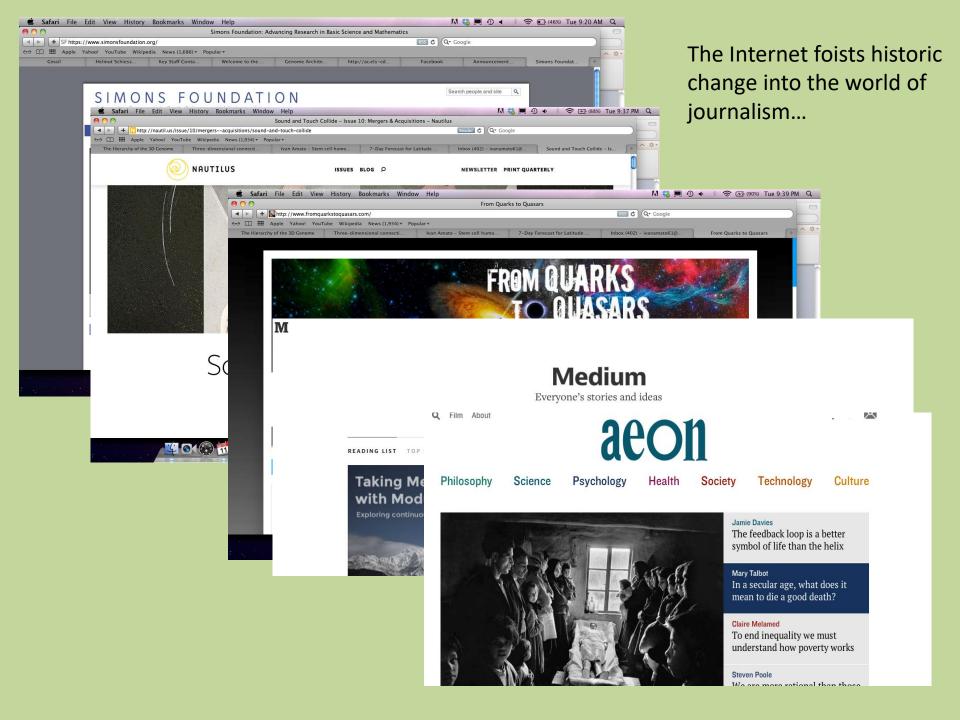
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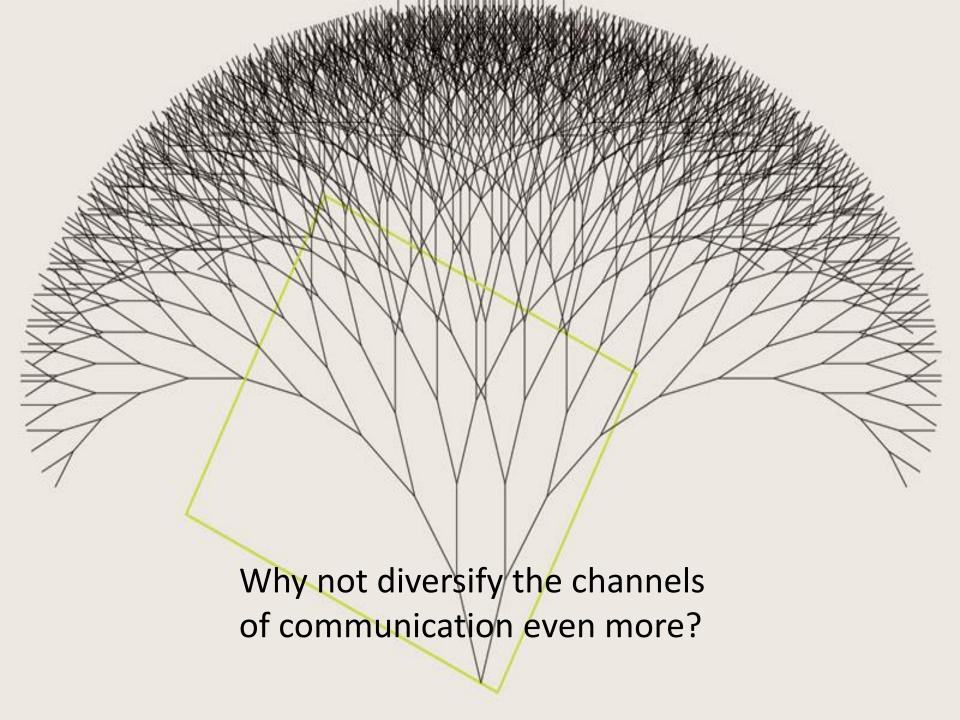
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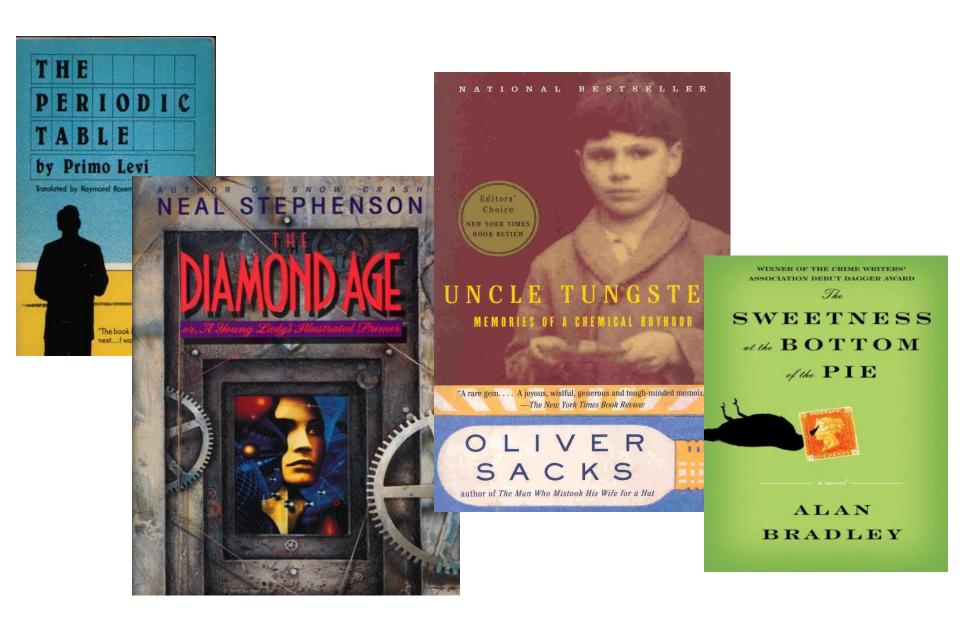
...beyond articles...







Science in literature...fiction and nonfiction



Science in podcasts



R. Soc. oper

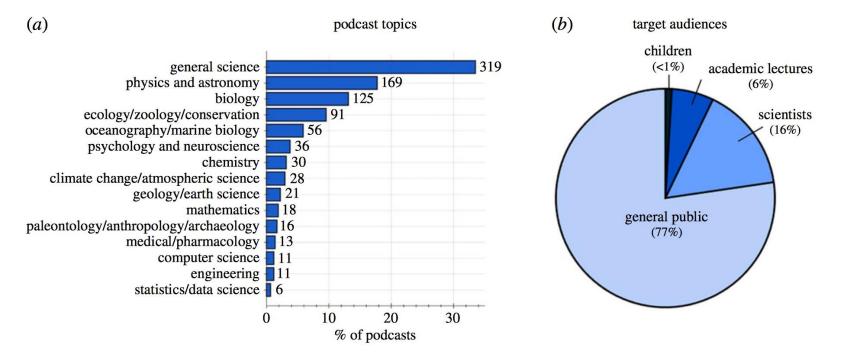


Figure 2. What are the scope and aims of science podcasts? (*a*) The proportion of science podcasts dedicated to various scientific topics. (*b*) The target audiences of science podcasts.

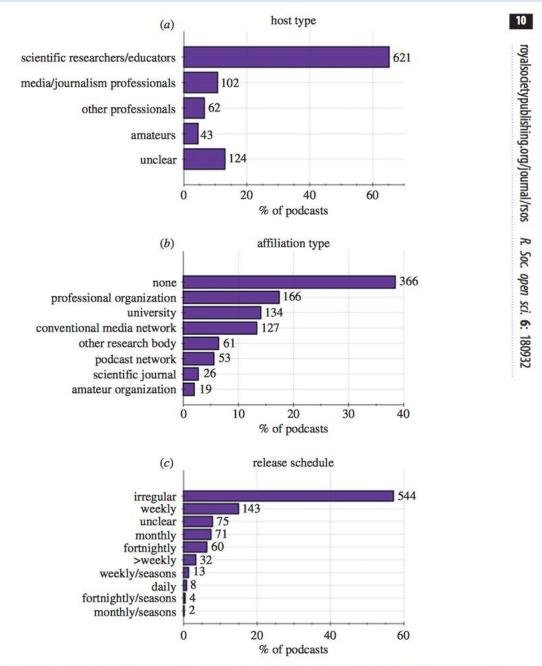


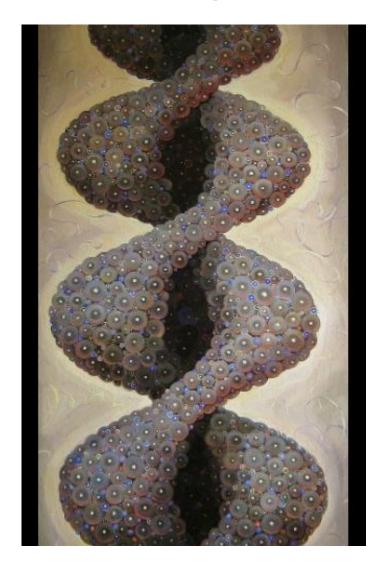
Figure 3. Who produces science podcasts? (a) The backgrounds of science podcast hosts. (b) The organizational affiliations of science podcasts. (c) The release schedule of science podcasts.

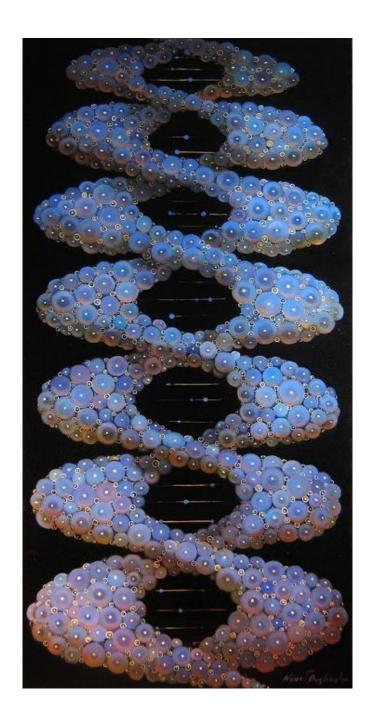
Science and technology in the movies....





Nana Bagdavadze





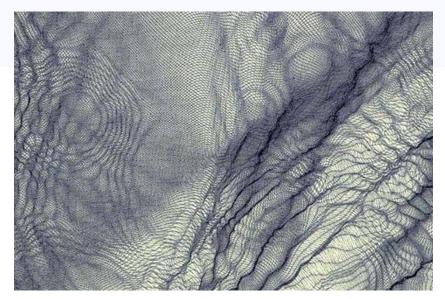
The Science-Art Connection



Teach an artist—in this case Michael Oliveri of the University of Georgia—how to use a scanning electron microscope and this might happen.

The Science-Art Connection





Jean Paul Hebert A founder of the Algorists in 1995 Kavli Institute for Theoretical Physics



HOME ABOUT EVENTS MEMBERS PRESS CONTACT MAGAZINE DONATE

The Science-Comedy-Storytelling Connection



"It's as much about expanding the mind as it is tickling the funny bone."

- The Washington Times

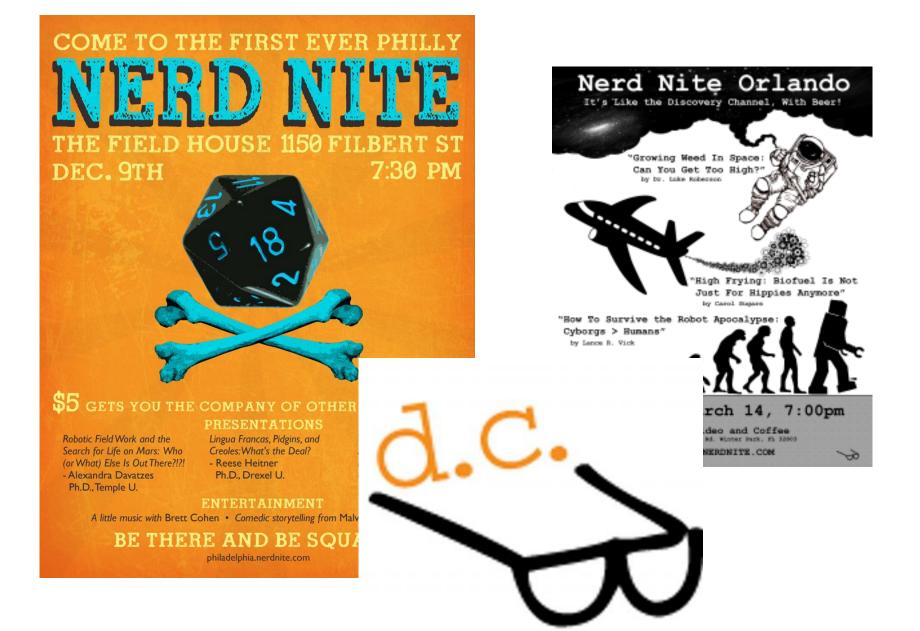
8pm, Wednesday, February 9, 2011

Punch Line Comedy Club Tickets \$15 415-397-4337

444 Battery St San Francisco 18 and over 2 drink minimum

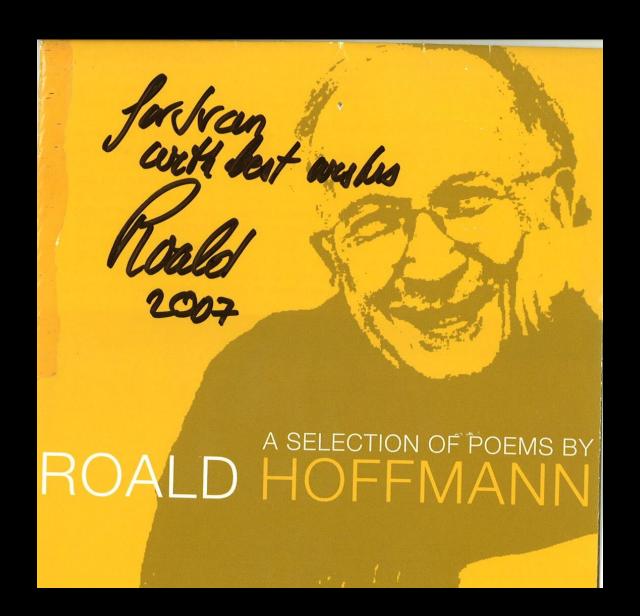
www.punchlinecomedyclub.com

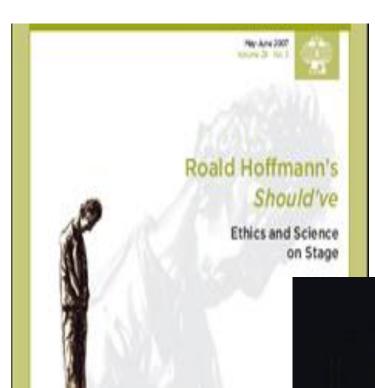




nerdnite.com

Roald Hoffman tells science stories by way of poetry...in a gargantuan expo hall during a scientific meeting in 2007





...and theater



Michael Frayn's Copenhagen



A Matter of Origins: Liz Lerman tells science and technology stories in a live format



A Matter of Origins, Act II: "provocateurs" leads discussion around banquet tables

A DC Science Café Event...

Gravity, or an homage to the mysteries of universal attraction

Without gravity, there would be no up. No down. No falling. No planets with moons. No solar systems. No galaxies. No any of us. Gravity is one of the fundamental forces that governs all that is and how it all came to be over the past 13.8 billion years. Join science writer Ron Cowen and University of Maryland astrophysicist Cole Miller for a gripping tour of gravity that will take you from a 1919 eclipse that really made Einstein's day, out to the surfaces of neutron stars and the event horizons of black holes, and back again to the gravitational attraction that keeps you planted on the ground and ever-so-subtly pulled toward every other human being on the planet.



Tuesday, April 23, 2019, 6:30 - 8:30 pm
Busboys and Poets
450 K Street, NW, Washington, DC
For info, contact Ivan Amato: DCScienceCafe@dcswa.org

Free and open to the public.

A DC Science Café Event Versed in Science: An Evening of Poetry



Science and technology are behind many of our time's great ongoing narratives and so these categories of human endeavor offer rich fodder for the analytic and synthetic powers of poetry. Join us to hear the work of two featured poets, Myra Sklarew and Michael Salcman, and several other local poets. Myra Sklarew studied biology at Tufts University, bacterial genetics and viruses at Cold Spring Harbor Biological Laboratory and frontal lobe function and memory in Rhesus monkeys at Yale's School of Medicine. Former president of the artist community Yaddo and professor emerita of literature at American University where she began teaching in 1970, Sklarew is the author of three chapbooks and seven poetry collections. Michael Salcman, a neurosurgeon, studied liberal arts and medicine in the combined six-year program at Boston University, neurophysiology of vision and motor function at the National Institutes of Health, and neurosurgery at Columbia University's Neurological Institute. He has served in the past as chairman of neurosurgery at the University of Maryland and president of Baltimore's Contemporary Museum. Salcman has written six books of poetry and a forthcoming anthology of poems about doctors and diseases.

Wednesday, September 19, 2012
6:30 - 8:30 pm
Busboys and Poets, 5th and K St., NW, Washington, DC
www.busboysandpoets.com/about 5th.php

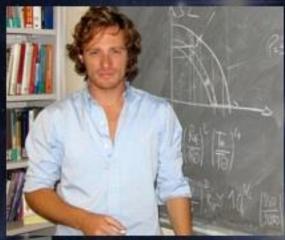
For info, contact Ivan Amato: DCScienceCafe@dcswa.org

This, the twelfth of an ongoing series of DC Science Café events, is brought to you with support from DC Science Writers Association and encouragement from Busboys and Poets.

Donations are welcome.

Café KITP Presents... Music of the Spheres: The Secret Songs of Stars

Staring up at the night sky is one of life's great pleasures. For Matteo Cantiello, an astrophysicist with the Kavli Institute for Theoretical Physics, the stars are also singing astonishing songs. In them, he finds hidden messages about how stars live and die, and about other distant planets, perhaps with their own inquisitive beings listening for clues that they might not be alone in the universe. Over happy-hour food and libations, join Matteo in an expansive discussion about how the NASA satellite Kepler has been recording oscillations from thousands of stars and how these stellar movements are adding a new dimension to the science and beauty of the night sky.



Free and open to the public



Wednesday, April 2, 2014, 5:30 - 7:30 pm SOhO Restaurant and Music Club

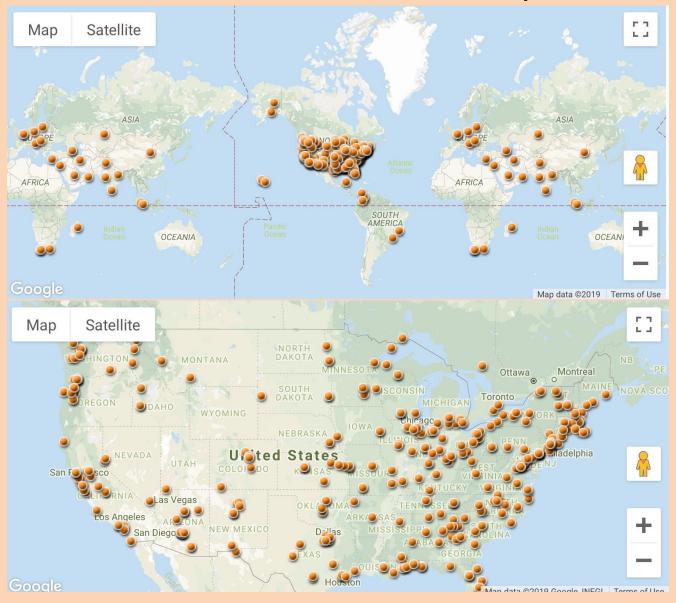
1221 State Street (upstairs), Santa Barbara, CA, 93101

http://www.sohosb.com/

For info, contact Greg Huber (huber@kitp.ucsb.edu)



The Science Café Landscape



Maps prepared by sciencecafes.org

And now for your stories...

Most engaging stories have this same simple WOW* structure:

- A protagonist Wants something.
- The protagonist must overcome
 Obstacles to get what he/she wants.
- The protagonist Wins or loses.

^{*}A concept derived form children's book author Mary Amato.

