freedom (to reproduce)

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14 July 2011
freedom.
1. reproducibility > sharing.

2. best practices.

3. freedom (as in “to reproduce”).
How Bright Promise in Cancer Testing Fell Apart

Keith Baggerly, left, and Kevin Coombes, statisticians at M. D. Anderson Cancer Center, found flaws in research on tumors.

By GINA KOLATA
Published: July 7, 2011

When Juliet Jacobs found out she had lung cancer, she was terrified, but realized that her hope lay in getting the best treatment medicine could offer. So she got a second opinion, then a third. In February of 2010, she ended up at Duke University, where she entered a research study whose promise seemed stunning.

Doctors would use what was called a DNA 'signature' to tell whether a woman's cancer was likely to respond to a drug called Taxotere. If the woman had the 'signature,' the drug seemed promising. The study found many women did not have the signature. By using the signature to predict treatment response, researchers said the study 'revolutionized' care for women with this type of cancer.

But the signature was not working.
non-reproducible = people die.
the easier it is to reproduce chemically...

Chemical probe available

No chemical probes available

(slides courtesy of Aled Edwards, SGC)
reproducibility as collaboration.
WORLD OPERA PRESENTATION WITH TRANSCONTINENTAL DUETS

INVITATION TO WORLD OPERA PRESENTATION WITH TRANSCONTINENTAL OPERA DUETS
MAY 17TH AT 10AM, CCRMA, STANFORD UNIVERSITY, PALO ALTO

You may not have heard about World Opera, but it started 5 years ago at an opera-workshop in Berkeley with artists from Scandinavia and California, basically with an idea of having for instance Porgy standing in Stockholm, Sweden and Bess standing in Bay Area, singing “you is my woman” together thanks to the high tech inventions in Silicon Valley, and now you can actually experience it on May 17th.

In other words, it is my pleasure on behalf of the International World Opera Association, to invite you to our special event on May 17th, 2011 at 10.00am-Noon, at CCRMA, Center for Computer Research in Music and Acoustics, Stanford University, with the following program:

- Welcome by Niels Windfeld Lund, professor University of Tromsø, Norway, visiting scholar at CCRMA, and general manager of The World opera;
- Lecture by Mark Schubin, engineer-in-charge at The Metropolitan Opera, New York,
note: not a scientist.
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old school
Dissemination and Sharing of Research Results

NSF Data Sharing Policy

Investigators are expected to share with other researchers, at no more than incremental cost and within a reasonable time, the primary data, samples, physical collections and other supporting materials created or gathered in the course of work under NSF grants. Grantees are expected to encourage and facilitate such sharing. See Award & Administration Guide (AAG) Chapter VI.D.4.

NSF Data Management Plan Requirements

Proposals submitted or due on or after January 18, 2011, must include a supplementary document of no more than two pages labeled “Data Management Plan”. This supplementary document should describe how the proposal will conform to NSF policy on the dissemination and sharing of research results. See Grant Proposal Guide (GPG) Chapter II.C.2.i for full policy implementation.

Requirements by Directorate, Office, Division, Program, or other NSF Unit

Links to data management requirements and plans relevant to specific Directories, Offices, Divisions, Programs, or other NSF units, are provided below. If guidance specific to the program is not provided, then the requirements established in Grant Proposal Guide, Chapter II.C.2.i apply.

Please note that if a specific program solicitation provides guidance on preparation of data management plans, such guidance must be followed.
Clinical Research Ethics Board

The Clinical Research Ethics Board (CREB) reviews research that involves surgery, clinical interventions, exercise programs, and/or the analysis of clinical data.

Activities that fall under CREB review include: the administration or testing of drugs, medical devices, medical imaging or diagnostic techniques; and the taking of blood or other specimens. It also includes the analysis of laboratory, physiological, kinesiological or biological data obtained from physical interventions, medical records or clinical studies involving the linkage of data from existing databases.

The CREB reviews clinical research conducted at UBC's Vancouver campus and at Vancouver Coastal Health Authority sites (including UBC Hospital, Vancouver General Hospital, and GF Strong). It also reviews any clinical research that does not fall under the purview of site-specific REBs at the BC Cancer Agency, Children & Women's Hospital or St. Paul's Hospital (Providence Health Care).

United States Federal Wide Assurance (FWA)
new school
Science is based on building on, reusing and openly criticising the published body of scientific knowledge.

For science to effectively function, and for society to reap the full benefits from scientific endeavours, it is crucial that science data be made open.

By open data in science we mean that it is freely available on the public internet permitting any user to download, copy, analyse, re-process, pass them to software or use them for any other purpose without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. To this end data related to published science should be explicitly placed in the public domain.

Formally, we recommend adopting and acting on the following
DataCite Summer Meeting: agenda and registration available

Registration is open for the upcoming DataCite Summer Meeting, which is taking place on 24-25 August 2011 at the historic Shattuck Hotel in Berkeley, California.

Register now at: [http://datacite2011.eventbrite.com](http://datacite2011.eventbrite.com)

The meeting, themed around "Data and the Scholarly Record: the Changing Landscape", will bring together leaders from libraries, data centers, data archives, academic institutions, and research centers. To view the draft programme, [click here](http://datacite2011.eventbrite.com).

Read more

DataCite Summer Meeting: 24-25 August
Network models of disease biology

*Open Network Biology* publishes articles relating to predictive, network-based models of living systems linked to the corresponding coherent data sets upon which the models are based, enabling a broad readership to evolve the models towards a more complete understanding of complex phenotypes. In addition to articles describing these large data sets, the journal also welcomes submissions of original research, software and methods, along with reviews and commentary, relevant to the emerging field of network biology.

Instructions for authors    FAQ

Now accepting submissions

*Open Network Biology* is accepting submissions; please use the online submission system to submit your manuscript. For all enquiries about the journal, please contact: editorial@opennetworkbiology.com.

Editor's profile

**Eric Schadt**

"Living systems are a complex interplay of a diversity of molecular components operating at a hierarchy of levels, including intracellular, intercellular, tissue, organ and whole system levels. Using datasets that span genomic variation, intermediate measurements of genomic activity, and clinical observation, network biologists maximally integrate these data to form biological network models that elucidate our understanding of living systems and the complex phenotypes like disease that emerge from such systems. There is a pressing need to persist network-based predictive models of complex
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applications

Fetch! for Azure Marketplace

Fetch! for Azure Marketplace is the fastest, most convenient way to get key content from Azure Marketplace, whenever you need it.

DATA.GOV

data

2006 - 2008 Crime in the United States (Data.gov)

Extraction of offense, arrest, and clearance data as well as law enforcement staffing information

announcements

Just Announced: Windows Azure Marketplace Expands Application Selling Capabilities in US Markets

7/12/2011
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United States Federal Wide Assurance (FWA)
reality.
Fitbit Temporarily Turns Its Users Into Exhibitionists

from the good-lord,-it's-like-porn-made-out-of-letters-and-backslashes dept

Remember the old adage "If you're not doing anything wrong, then you've got nothing to hide?" Well, tell that to the users of Fitbit, a fitness tracking device that syncs with your PC to upload your exercise activity.

Unfortunately for these very active (and we'll be enjoying that word on more levels shortly) Fitbit users, their activity tracking is set to public by default. So, when these users detailed workouts like step class, aerobics, sexual activity or just sitting around watching television, this information was uploaded to their profiles where (until sometime Sunday) it could be easily searched by Google.

*splutter* Sexual activity?!? *coughcoughcough*

It seems that after people realized that people's sexual activity was getting spread all over the interwebz, Fitbit did a bit of robots.txt editing to disallow indexing of Mr./Ms. Fitbit’s evening "constitutionalss." Nothing official has been noted on Fitbit's website or blog, and oddly, there’s no mention of it in their community forums. Nevertheless, the damage has been (mostly) undone.

But, yeah, for a few days, Fitbit's private lives were on public display.
“open” and “closed” aren’t even on the menu here.
iPhone Tracker

This open-source application maps the information that your iPhone is recording about your movements. It doesn't record anything itself, it only displays files that are already hidden on your computer.

Download the application

Read the FAQ
re-identification
Harvard Researchers Accused of Breaching Students' Privacy
Social-network project shows promise and peril of doing social science online

By Marc Parry

In 2006, Harvard sociologists struck a mother lode of social-science data, offering a new way to answer big questions about how race and cultural tastes affect relationships.

The source: some 1,700 Facebook profiles, downloaded from an entire class of students at an "anonymous" university, that could reveal how friendships and interests evolve over time.

Jason Kaufman, of Harvard's Berkman Center for Internet &
consenting to uncertainty.
Freedoms you are granting

- Right to do research with your data
- Right to redistribute your data
- Right to publish results of research from your data
- Right to commercialize products derived from research on your data
Obligations you are imposing

- I don’t want to be re-identified
- Only health research allowed.
Check to confirm that:

✓ I understand the **risks**

✓ I consent that my data can be **used for research**.

Although I can withdraw at any time, versions of my data that are already distributed **may not be retrievable**.

**Warning**
You must click yes on each element to proceed.
freedom.
freedom isn’t always about politics.