

Research Disclosures in Social Media

Keynote
Emerging Technologies In Academic Libraries
Emtacl10
Trondheim, 26.04.2010

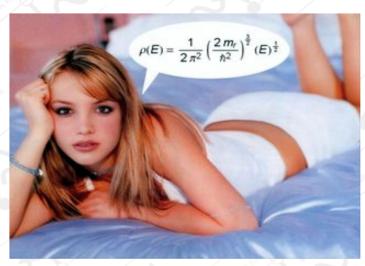
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Twitter @PetterBB



Britney Spears' Guide to Semiconductor Physics

Transcend RAM

[Home] Picture Galleries | Britney Spears guide to Semiconductor physics]
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It is a little known fact, that Ms Spears is an expert in semiconductor physics. Not content with just singing and acting, in the following pages, she will guide you in the fundamentals of the vital semiconductor laser components that have made it possible to hear her super music in a digital format.



Booble It

Web O britneyspears.ac

Scientific Calculator
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Les Vertical Cavity Surface Emitting



"One of the stranger approaches to teaching science that we've seen " (The journal Scientific American)

Source BBC 2001: http://news.bbc.co.uk/2/hi/technology/1306364.stm



disclosure?

"The act or process of revealing or uncovering" (The free dictionary) science

This is about *democratization of science*, that should fully incorporate principles of *accessibility*



why should we increase access?

- It's greater competition than ever in science
- The society is dependent up on systematic knowledge from research
- People are paying for most of it....and the research needs to be disseminated and to be accessible
- Citizens do want to play a role in science they want to know what's going on



only 1%

of the Norwegian citizens are **not** interested in research (which is similar to other western countries)

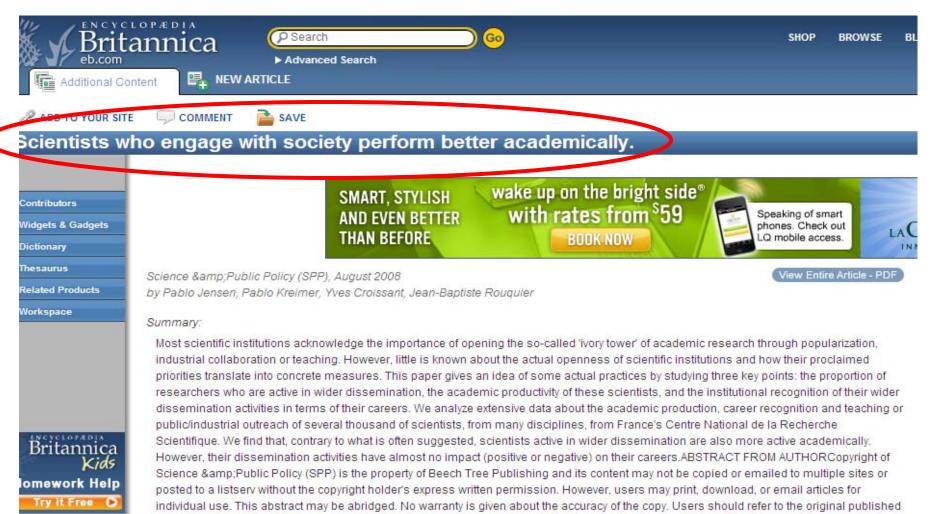


90%

thinks research is of great importance for the society

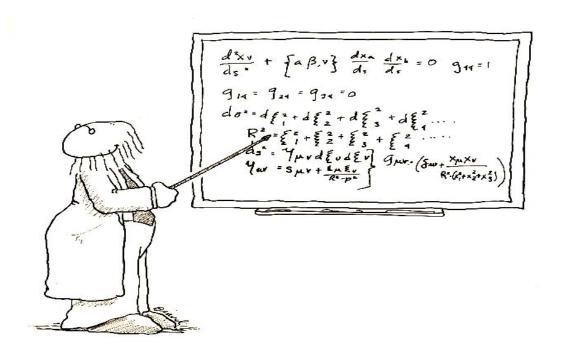


And....new research shows that





"ivory tower of science"



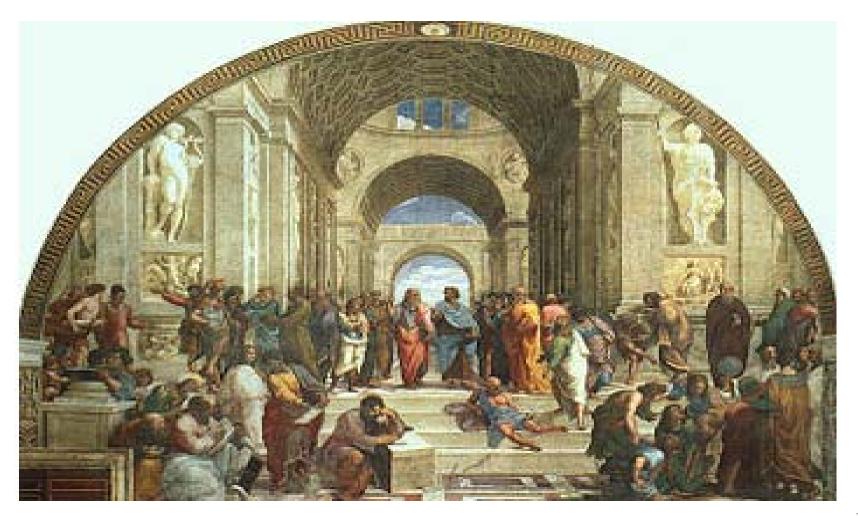


So how can researchers disclose their science?



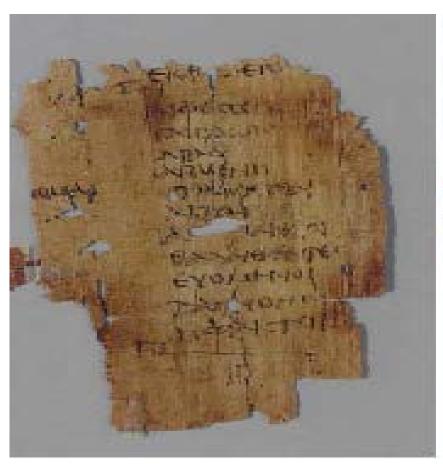


What about scientists in old Greek - how did they communicate their research?





large sheets of papyrus







and researchers in 2010?



Photo: Flickr: CitizenMedia



Traditional dissemination is important, but *not* very accessible, transparent or visible

Journal papers in traditional journals (low accessibility)

Conference participation (low accessibility)



a coordinated, branded media event?

MISSING LINK FOUND - New Fossil Links Humans, Lemurs













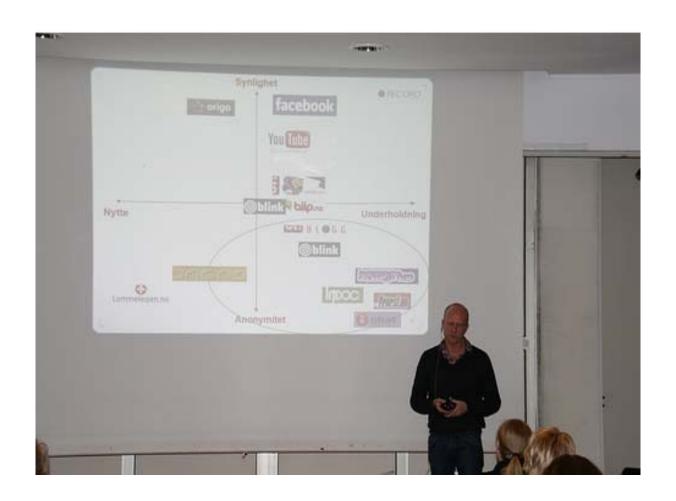
seeking a missing link and a mass audience

"Any pop band is doing the same thing. Any athlete is doing the same thing. We have to start thinking the same way in science."

Jørn H. Hurum to New York Times, May 18. 2009



not everyone of us is Hurum...







Social media is like teen sex. Everyone wants to do it. Nobody knows how. When it's finally done there is surprise it's not better."

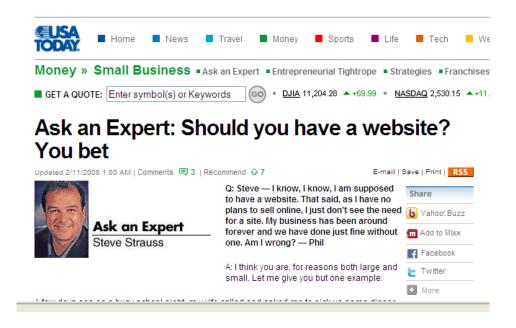
Avinash Kaushik, Analytics Evangelist, Google





Why should we use social media?

Why should we use Internet?





this is great, but isn't time consuming and distracting?





but isn't causing a lot of challenges?

privacy

copyright



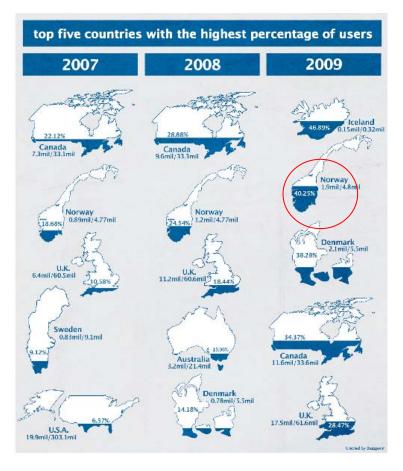
Reason #1:

70%

Social media reach nearly **70 percent** of the total global online audience, ranking as one of the most popular categories on the Web (Abraham, ComScore, 2009).



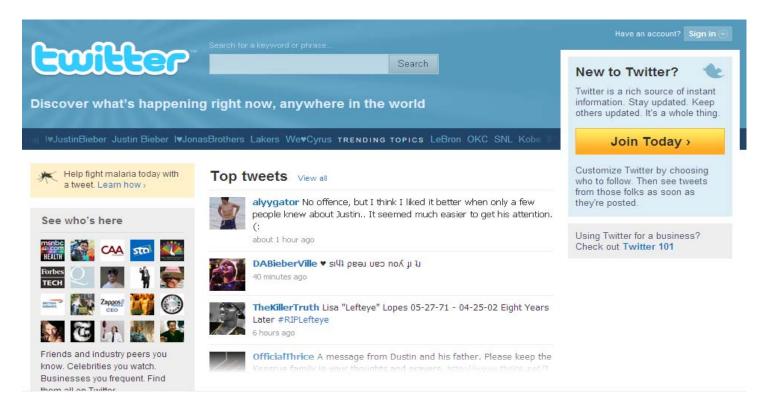
facebook 400 million users



Source: Facebook statistics



twitter 75 million USErS

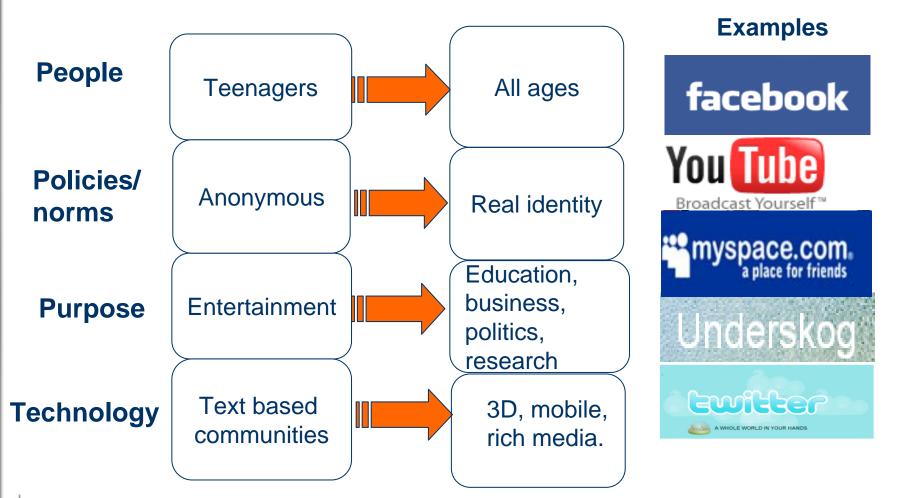


Source: RJ Metrics

Reason #2:



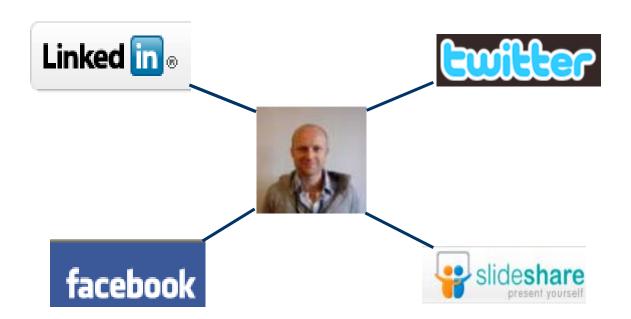
social media is going serious





Reason #3:

the researchers controlling the message





Reason #4:

sharing is easier than ever









WWW. PHDCOMICS. COM

""footnote:Thanks to the grads I had lunch with at UC Irvine for this comic idea!



Reason #5:

the open access movement!





One way media

Difficult to be citied







Social media

Difficult to be cited





Yes, we can



Photo: videocrab on Flickr



European research project to enable non-professional users to co-create networked applications and experiences with user-generated content

Home | About CITIZEN MEDIA | Results | Publications | Events | Links | Contact | MyAccess

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The CITIZEN MEDIA project ended in May 2009. Check out our findings and lessons learned with our <u>interactive video tool</u> or click on the picture below.



Applications

Kabadada&
Kabadu
Unortkataster
Mediacaching
Talhonia
Magic Media Fair
EmoFlowers

Videos

Kick-off meeting
Antwerp
PITCH tool
Personal Content
Search
Content-Selection
based on
Communication
Unified EPG

Tools



CitizenMedia kick off meeting 2006







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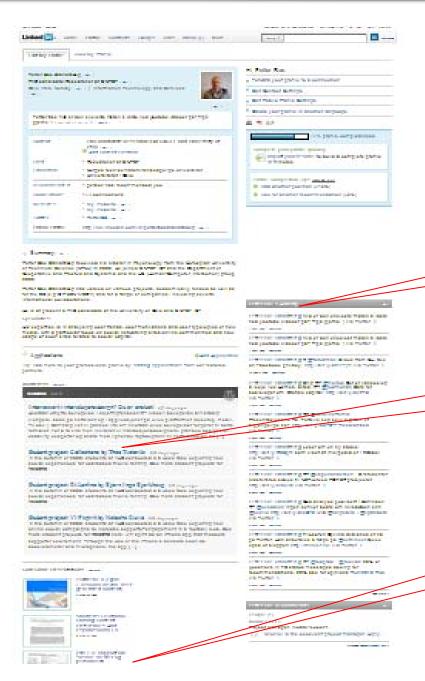
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Special Topics in Biological Anthropology

History of Anthropological Thought

Astronomy 7B, 001	Introduction to Astrophysics	TTh 11-12:30	0241 CORY		
Biology 1A, 001	General Biology Lecture	MWF 8-9	0001 PIMENTEL	a	
Biology 1AL, 001	General Biology Laboratory	M 5-6:30	0001 PIMENTEL		
Biology 1B, 001	General Biology	MWF 8-9	2050 VALLEY_LSB		
Chemistry 1A, 002	General Chemistry	MWF 1-2	0001 PIMENTEL		
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Computer Science 61A, 001	The Structure and Interpretation of Computer Programs	MWF 2-3	0001 PIMENTEL		
Computer Science 61C, 001	Machine Structures	MWF 4-5	0155 DWINELLE		
				-	







I am communicating



I am blogging



I am sharing my presentations and my research papers

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Presentations



Innovation in Online Communities

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Why people use social ne...

8 months ago, 3159 views Edit



my talk at HCI'09 attracted 30 people





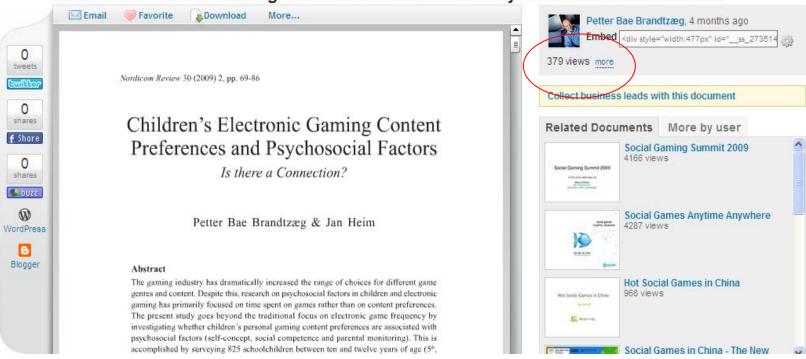




ı also upload research papers



Childrens Electronic Gaming Content Preferences And Psychosocial Factors Edit document





Benefits using social media in research

- Visibility: More people can see and get access to my work
- Sharing: When you share your research other people will share with you as well
- New contacts: You get in touch with a lot of researchers and other persons and institutions interested in your field
- Discussion: You can discuss and get new insights in your field
- Feedback: It's motivating "wow, nearly 400 people have seen my paper, and over 3000 have seen my presentation. In addition several people have favourited and downloaded it"





it's about communication



Petter Bae Brandtzæg 6 months ago

Det var gøy å høre at det var en kvinne bak Flickr.

Er enig i at mange av temaene du nevner er i åpne bloggfora. Jeg tror likevel at disse bloggene oppleves mer intime og privat fordi de ikke har samme potensiale for 'broadcast' som Wikipedia og Youtube. Min erfaring med bloggkulturen er at de ofte er knyttet til ganske små communties, hvor det er faste kommentatorer og kikkere, til tross for at bloggene i prinsippet er åpne fora og søkbare fra google. Men jeg antar at du vet mer om dette enn meg. Det hadde i alle fall vært interessant å studere denne bruken og disse opplevelsene mer, samt kjønnsforskjeller knyttet til disse. Takk selv for nyttige perspektiver:)



Jill Walker Rettberg 6 months ago

Som du så har jeg lagt ut på bloggen min, med litt kommentarer videre til din presentasjon - takk for nyttige tall og idéer!

Ser du på strikkeblogging, interiørblogging, barneoppdragelsediskusjoner, svangerskapsdiskusjoner så er det tradisjonelle kvinnetemaer men ikke lukkede sosiale nettverk - tvert om er det fullstendig åpent, og dukker raskt opp på google når man søker på riktige termer. Blogging er generelt svært likelig fordelt på kjønn (se f.eks. http://www.ssb.no/emner/10/03/ikthus/arkiv/tab-2008-09-18-08.html). Så jeg er ikke helt enig i at det er det sosiale og private som er i fokus - det kommer kanskje an på hvordan man definerer privat? Eller sosialt, for den saks skyld. Strikketeknikker og deling av selvlagede strikkeoppskrifter - eller diskusjoner om atopisk eksem hos spedbarn for den saks skyld - er kanskje ikke primært sosailt og privat?



It's about listening

about 2 hours ago from Mobile Web



hnam: #CHI2010 human-machine reconfigurations. by Lucy Suchman (Agency is not an attribute, but the ongoing reconfigurings of the world, -B.Karan)

about 2 hours ago from web



nancyf: Anthro-design breakfast critiqued **#chi2010** loose or absent research design and analysis methods under **#ethnographic** name

about 2 hours ago from Echofon



scarlettherring: RT @eegilbert I heard Lucy Suchman's talk was great. And @dabbish saw someone filming it. Anyone know if it'll be available? #chi2010

about 2 hours ago from Social Beat



HClforPeace: PIz RT & tell yr friends: our official #HClforPeace gathering is tmrw, Thurs 11-11:30am in the Pool Deck Area http://bit.ly/dumeFa #CHI2010

about 2 hours ago from web



zhiquanyeo: Come see Disney Research Pittsburgh's new sensor system and haptic interface work at WIP poster session #chi2010

about 2 hours ago from Twitterrific



edchi: @landay Partly that's because it's hard to come up with 5-10year-out research & reviewers are not all trained to look for it. #chi2010

about 2 hours and from TweetDeck



But are researchers using social media?

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Biology

Abhishek Tiwari Alan Marnett Alberto Alejandro Montenegro-Montero Alex Bortvin Alex Palazzo Andy Lloyd Angela Alexander Anne Simonson Beck Smith Beth Schachter Bill Graziadei Bora Zivkovic Bret Weinstein Brian Krueger Cameron Nevlon Catherine Anderson Cesar Sanchez

Chris Gunter Chris Patil Chris Upton Christina Stephens Daniel MacArthur Daniel Mietchen

Chris Condayan

Biotechnology

Andy Lloyd Attila Csordás Ian Hallett Justin H. Johnson Merold Mueller

Chemistry

more biology...

Alan Marnett Antony Williams Cassie Rodenberg Derek Lowe Egon Willighagen Enrico Uva Graham McCann Jes Sherman Jonathan Klar Kristen Kulinowski Marc-Michael Blum Markus Hammonds Michael Woods Misha Lemeshko MIT Postdoc Phillip Cook



eclecticechoes RT @annamunoz RT @TreeHugger: Top Nature Photos of All Time Unveiled for Earth Day http://bit.lv/cy2Hvl

Wednesday, April 21stby Eric Heupel, Marine Science Graduate Student, University of Connecticut, Biology



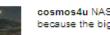
hrana News: Volcanic ash poses little health threat so far: WHO http://bit.lv/akkRpN - #health

Wednesday, April 21stby Dr. Hisham Rana, Medical Doctor, Health Science



cosmos4u Post-collision dust streak quasi-comet P/2010 A2 (LINEAR) is still around - and in the line of sight to a star cluster: http://is.gd/bBh2C.

Wednesday, April 21stby Daniel Fischer, Astronomy and Space Blogger, Space



cosmos4u NASA is re-evaluating the launch dates for the final two shuttle missions because the big AMS won't be ready in time: http://is.gd/bBgPh.

Wednesday, April 21stby Daniel Fischer, Astronomy and Space Blogger, Space



alexismadrigal Anyone know someone at @Adobe Corporate? We have some

hardworking volunteers who need better tools for @HaitiRewired Wednesday, April 21stby Alexis Madrigal, Energy and Science Staff Writer for Wired.com



isnsndr Yo mamma's a neanderthal who looks she belongs in the Dark Crystal, RT @NatureNews : Neanderthals may have interbred with http://ff.im/-jdj19

Wednesday, April 21stby Jason Snyder, Postdoc Neuroscientist, National Institutes of Health, Neuroscience



hrana Study: Scientists discover secret behind health benefits of Mediterraneanstyle #diet http://bit.ly/cTpMqW - #health

Wednesday, April 21stby Dr. Hisham Rana, Medical Doctor, Health Science



Bill Romanos Neanderthals may have interbred with humans http://ff.im/-jdjl9 /via @NatureNews

Wednesday, April 21stby Bill Romanos, Astronomy Blogger, Space



JFDerry I haz Amazon Author Page http://bit.ly/b1xJof

Wednesday, April 21stby J.F. Derry, Book Author, Darwin in Scotland, Biology



bobfinn Important article on why medical evidence doesn't change minds marred



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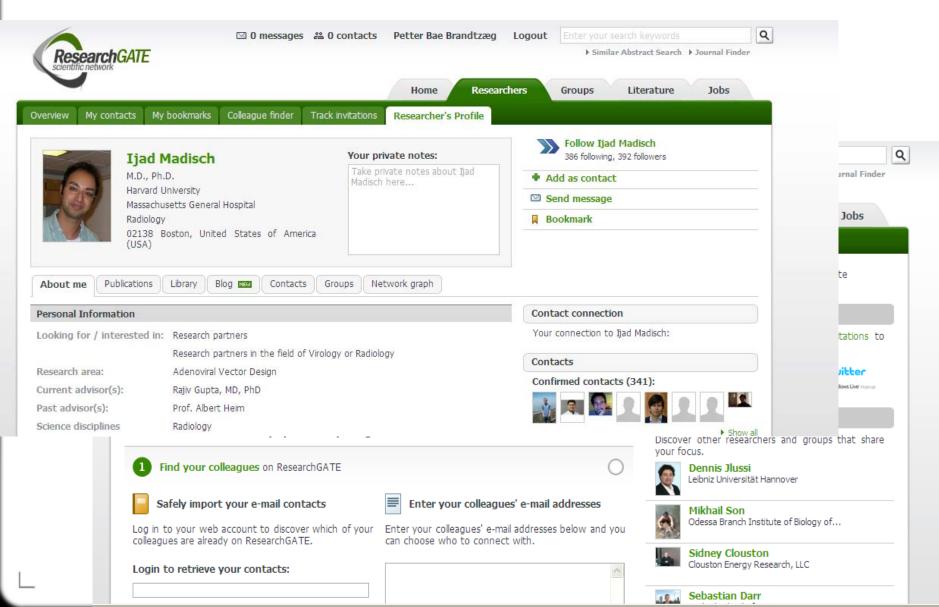
Mason Wired.com Science

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science 2.0



Science 2.0 generally refers to new practices of scientists who post raw experimental results, claims of discovery and draft papers on the Web for others to see and comment on (scientificamerican).



Mass Collaboration Wisdom of Crowds

A NEW YORK TIME

"As entertaining and thought-pro-Malcolm Gladwell. . . . The

—The Boston Globe

THE WISDOM OF CROWDS

JAMES SUROWIECKI

WITH A NEW AFTERWORD BY THE AUTHOR



is argued on the fast enough or big anough it historic step—the art and source of mass collaboration where an important book."—A. G. Lafley, CED. Proctor & Clambia.



WIKINOMICS

How Mass Collaboration Changes Everything

Don Tapscott

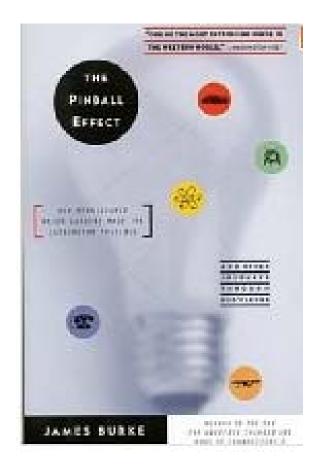
and Anthony D. Williams



Accessibility, transparency & sharing = innovations Interaction between ideas, humans and content

"...it is the interaction between data that causes change. The fundamental mechanism of innovation is the way things come together and connect."

James Burke, The Pinball Effect





Blogs





Accessibility



Wikis

Sharing













Your World. Your Imagination.

Mashups

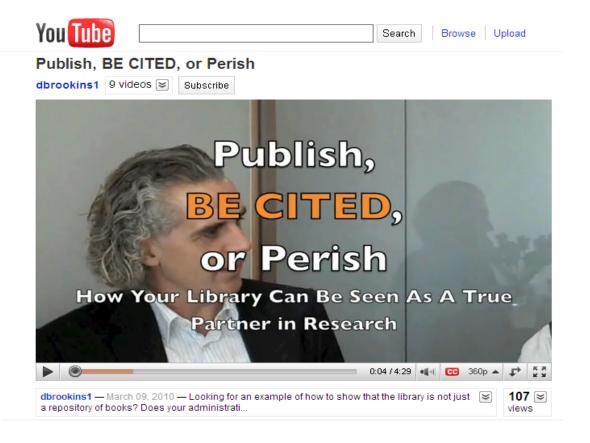


Communicating

WikipediA



An academic library should be able to help researchers to use these emerging technologies – social media to gain more visibility and accessibility – making research interactive - to get impact



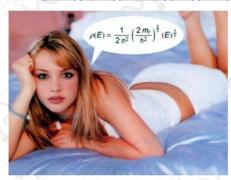


so...don't only make use of Britney

Britney Spears' Guide to Semiconductor Physics

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Thanks – any questions?

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.....of course