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Leslie Chan
University of Toronto Scarborough



University of Calgary

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- Better Return on Research Funding
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- Improved Knowledge Translation and Knowledge Mobilization
- Accounting for the social impact of research

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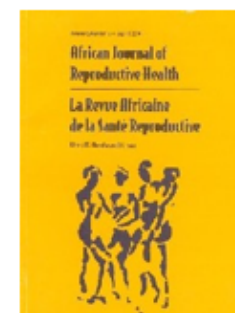
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ANALYSIS AND COMMENT

The chain of communication in health science: from researcher to health worker through open access

LESLIE CHAN, SUBBIAH ARUNACHALAM, BARBARA KIRSOP

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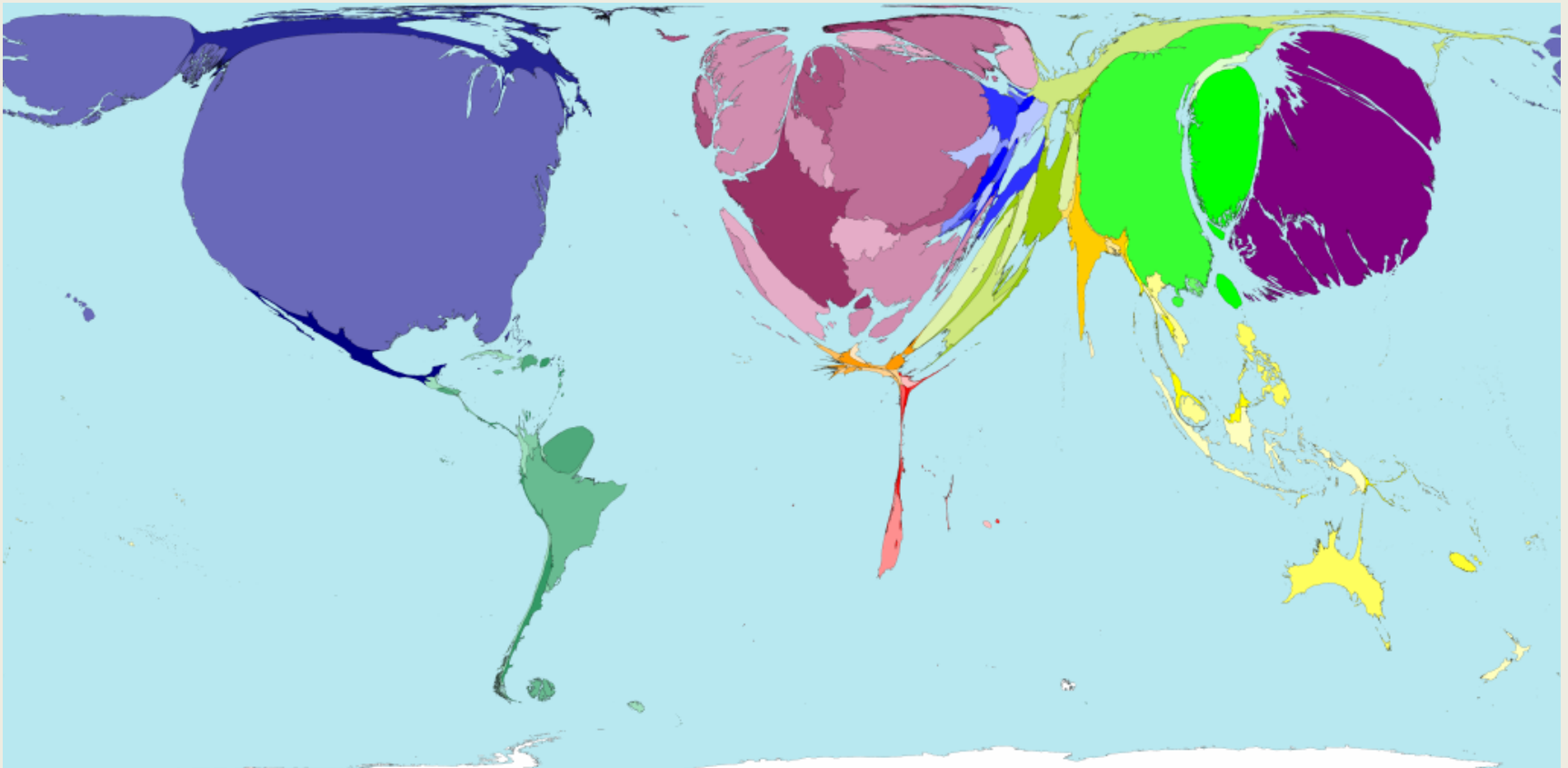
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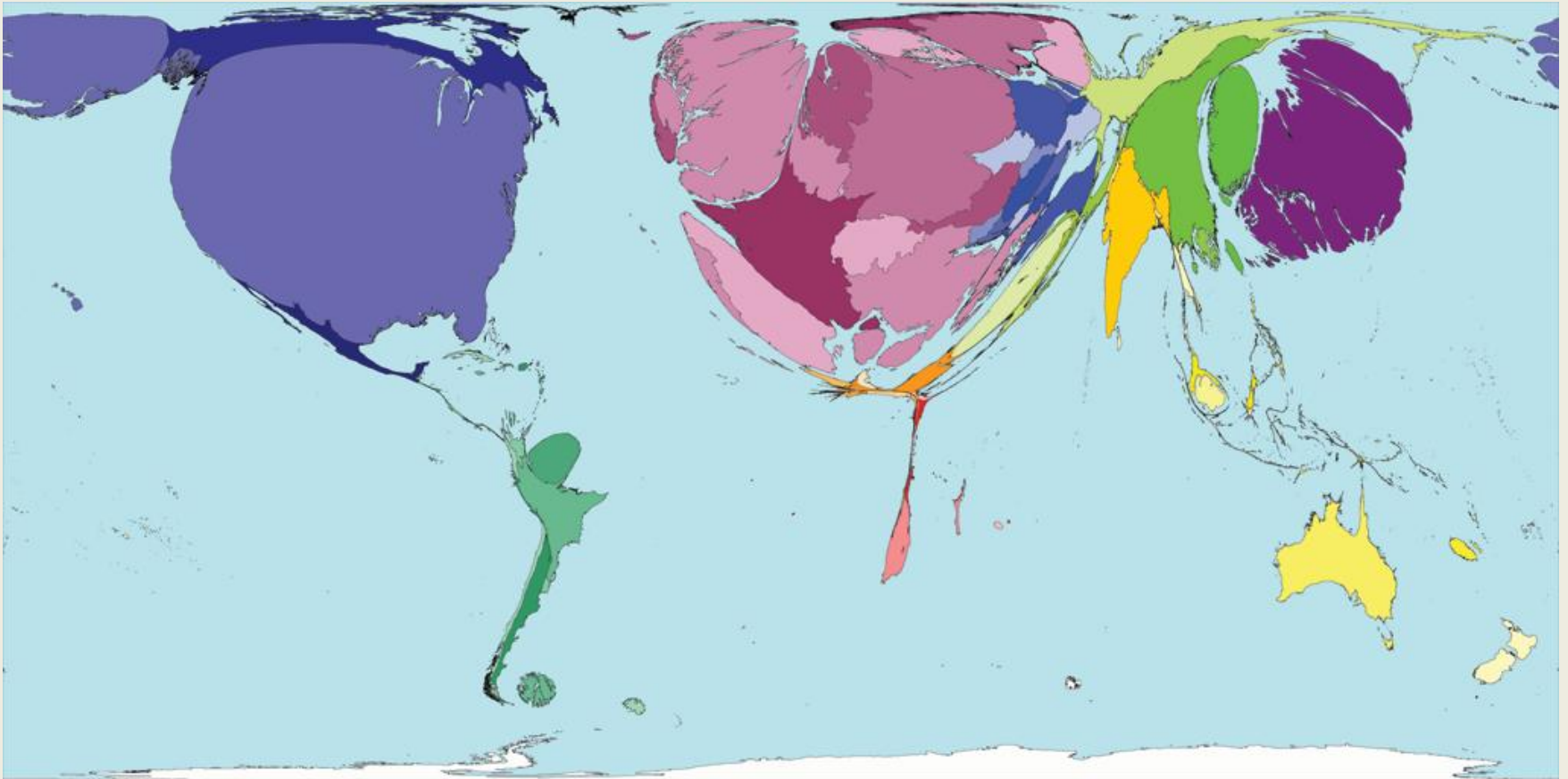
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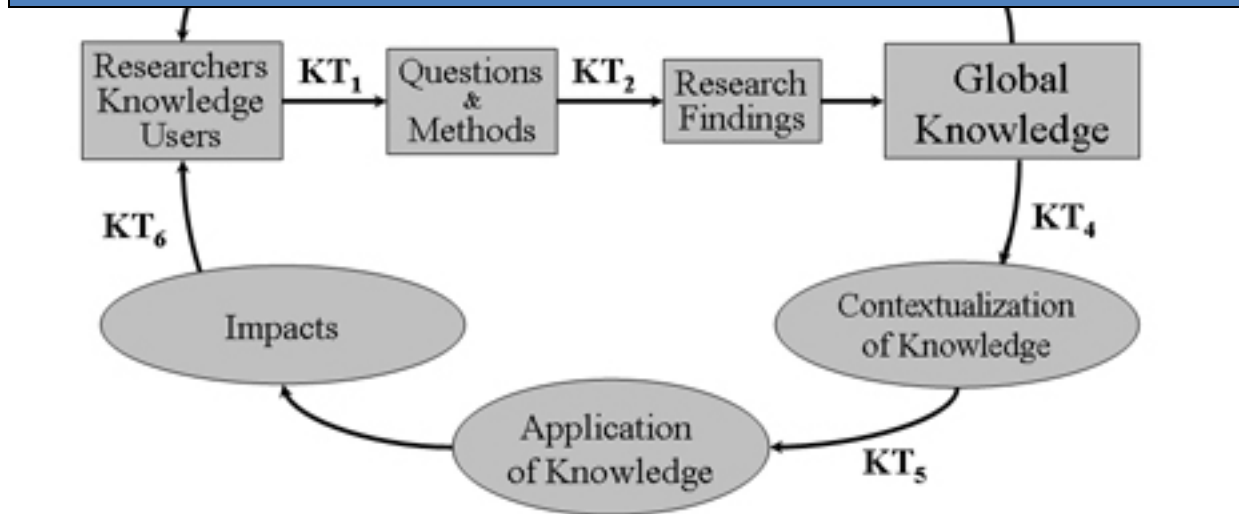
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Thembela Kepe

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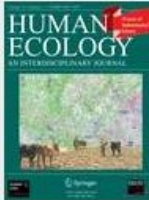
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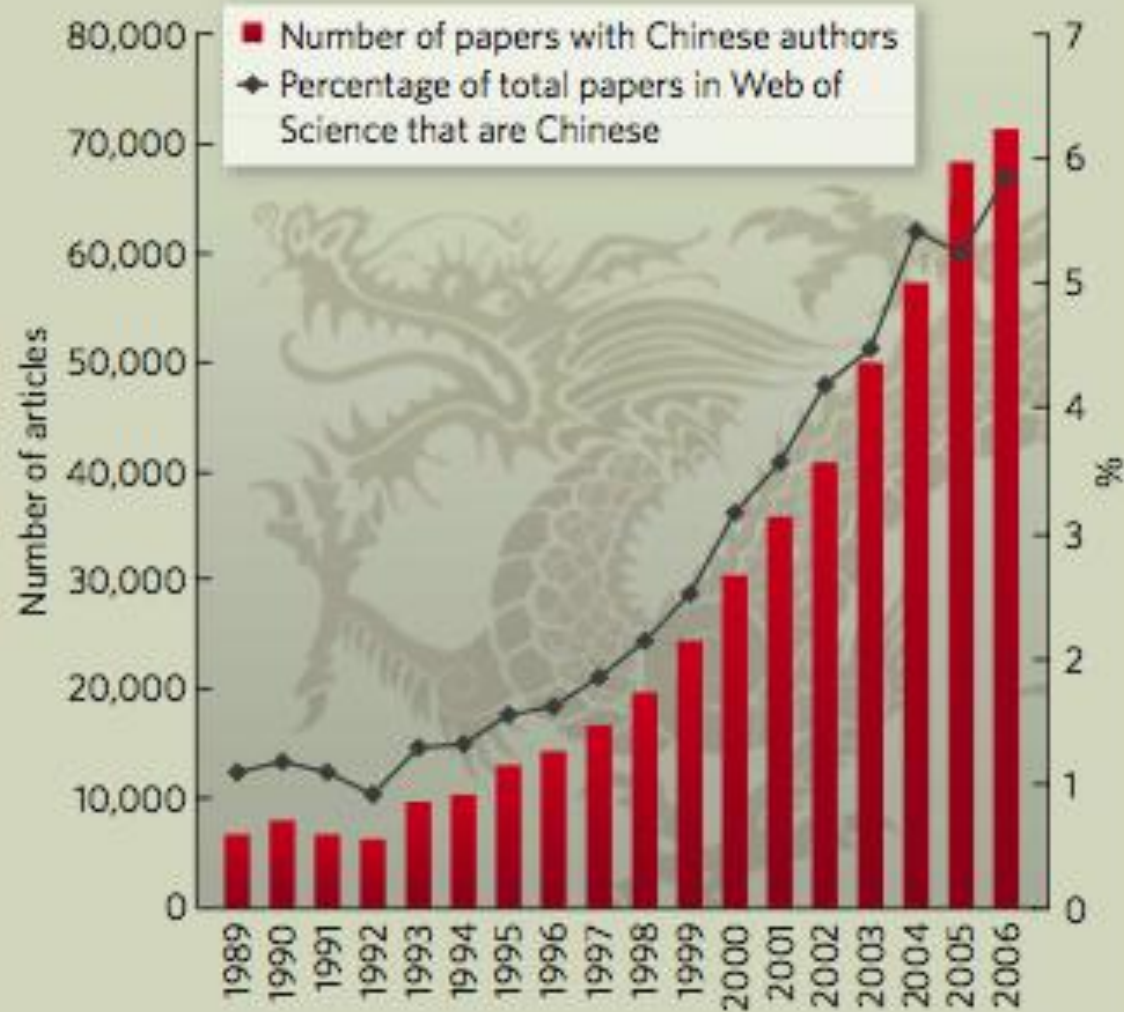
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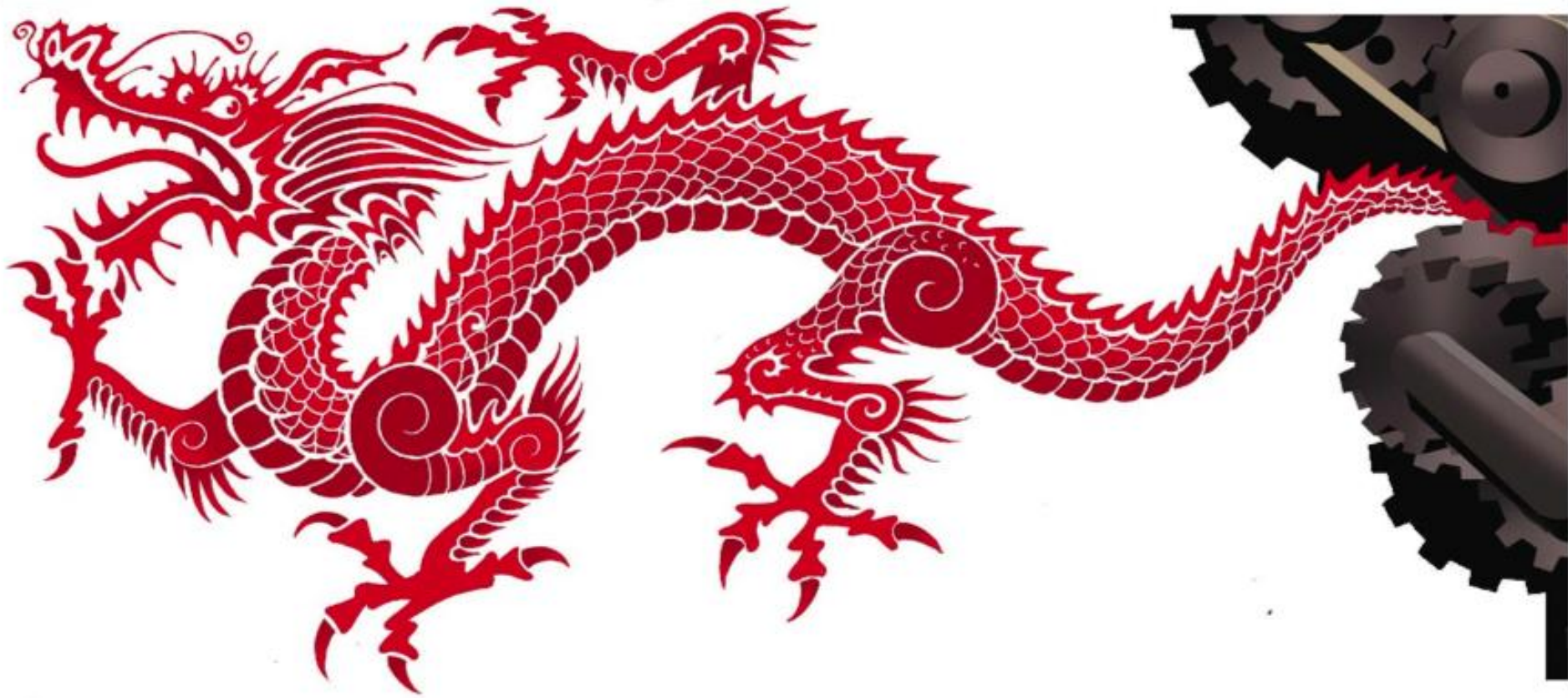
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Unintended Consequences of the Impact Game

THE RISE OF CHINESE SCIENTIFIC PUBLICATIONS





The prizes and pitfalls of progress

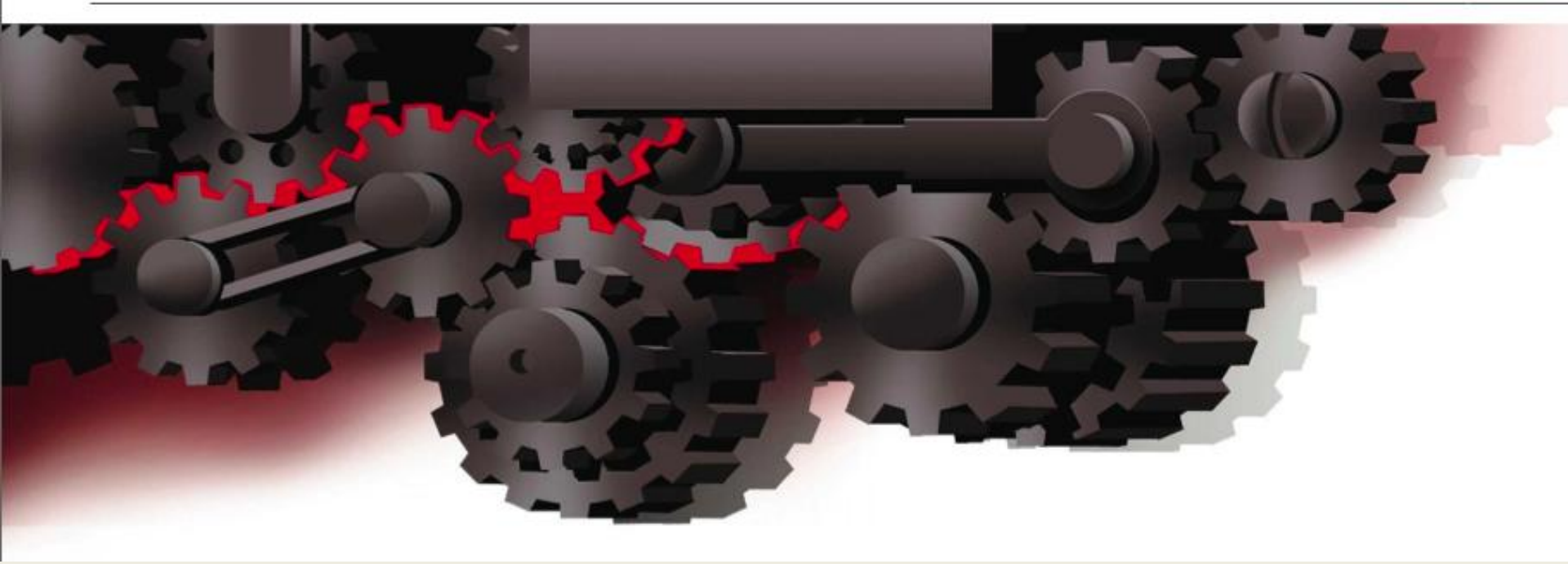
Pushes to globalize science must not threaten local innovations in developing countries argues **Lan Xue**.

Nature Vol 454 | 24 July 2008

Collateral impact

The spiraling cost of STM journals (and the BIG DEAL)...

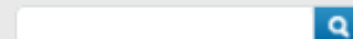
- They also have direct impact on smaller journals, particularly those from developing countries.
- Demise of local capacity building



Research Priority, Policy, Regional
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Law Bytes: Canadian universities closed-minded on open access

By **Michael Geist**
Internet Law Columnist[Article](#)[Comments \(2\)](#)

Published On Mon Oct 19 2009

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This week is International Open Access Week, marking the emergence of open access as a principle behind open access publishing. It is funded by taxpayers. This is simply posting a copy of

In recent years, many Canadian researchers who accept that their work should be available online within a reasonable number of funding agencies. The Canadian Cancer Society

The result is unprecedented. More than 4,000 peer-reviewed articles are now freely available online.

An estimated 20 per cent of all research articles published in the first years of first publication.

Last year, the Canadian university presses received more than \$780,000 in financial support from the Department of Canadian Heritage, \$1.4 million from the Aid to Scholarly Publications Program, and another \$700,000 doled out from the Canadian Council for the Arts. Yet despite nearly \$3 million in annual taxpayer support from those three sources alone, most university presses have opposed open access strategies.

Rethinking impact in terms of social accounting

Critical Social Accounting

Scholarly publications as a special form of public good : “merit good” in an “exchange economy”

Critical Accounting

- The very act of “counting” certain things and excluding others shapes a particular interpretation of social reality, which in turn has policy implications
 - For example, what should "assets", “impact” and "liabilities" include/exclude?
- The answers to questions such as these define the “quality,” “values” , “impact” and “performance” of a publication

What is Social Accounting?

- “A systematic analysis of the effects of an organization on its communities of interest or stakeholders, with stakeholder input as part of the data that is analyzed for the accounting statement”
- Broadens the domain of items that are included in accounting statements so that social organizations can better tell their story

Broadening the definition of “success” and “value”

- Traditional value: economic return
- Scholarly value - reputation and citation
- Institutional value - public mission, community outreach
- Social value - equity, participation, diversity
- Political value - evidence based policy, transparency, accountability

- From this perspective, the impact narratives of a journal do not just describe or communicate information about the journal, but they define its boundaries and shape researchers' *behaviour*

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ZERO ANTHROPOLOGY

from Maximilian Forte



<http://www.openanthropology.org/>

DIGITAL ETHNOGRAPHY

@ Kansas State University

Feed on  Posts  Comments



Digital Ethnography of YouTube project

An anthropological introduction to YouTube

★★★★★



An Anthropological Introduction to YouTube
by Michael Wesch
and the Digital Ethnography Working Group

Presentation at the Library of Congress, June 23rd 2008. This was tons of fun to present. I decided to forgo the PowerPoint and instead worked with students to prepare over 40 minutes of video for the 55 minute presentation.

eScholarship provides open access, scholarly publishing services to the University of California and delivers a dynamic research platform to scholars worldwide.

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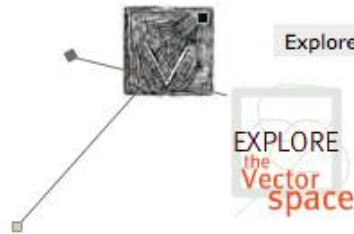
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eScholarship by the Numbers*

Publications in eScholarship:	30,917
Publication Views Since 2002:	8,980,000
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eScholarship Journals:	27
eScholarship Authors:	39,676

*October 2009





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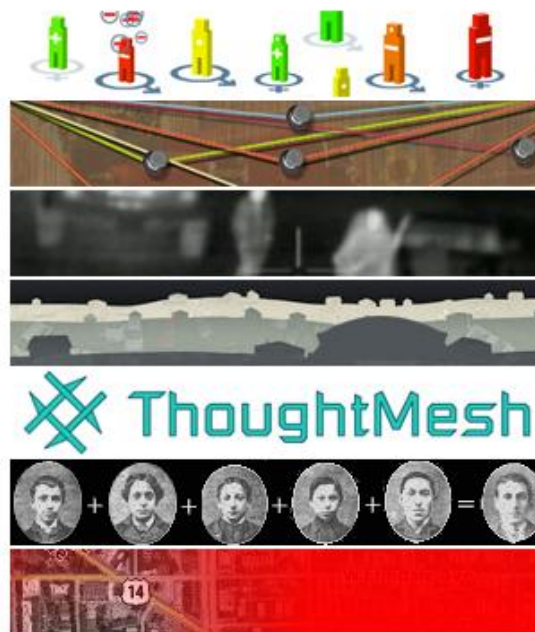
Differenceæ

This issue is dedicated to the memory of Roy Rosenzweig, a true pioneer of the digital humanities.

Over the last several years, I have simultaneously been doing two very different kinds of writing about new technology, one examining race and digital media, often in relation to representation and identity, and one engaging the formal and phenomenological structures of new media. I am continually amazed by how easy it is to hold these two types of work apart and have come to believe that *the very forms* of electronic culture encourage just such a partitioning or modularity, making it hard to sustain connections across fields of knowledge. In our engagement with digital media, we tend to focus at one level or on isolated examples, unable to move between modules or across scales.

Many writing on new technology in the mid 1990s commented on the parallels between the ways of knowing modeled in computer culture and in theories of poststructuralism. Meanwhile, critical race and postcolonial scholars have highlighted how certain tendencies within poststructuralist theory simultaneously respond to and marginalize blackness. This maneuver may at least partially be possible because of a parallel and increasing dispersion of electronic forms across culture, forms which simultaneously enact and shape these new modes of thinking. Certain modes of racial visibility and knowing coincide or dovetail with specific technologies of vision: if the electronic underwrites today's key modes of vision and is a central technology in post-World War II America, these technologized ways of seeing and knowing took shape in a world also struggling with shifting knowledges and representations of race.

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Summer 2009 Institute fellows featured in gallery installation on collaboration (September 21, 2009) ...

Dynamic Backend Generator (DBG): A Scholarly Middleware Tool (May 19, 2009) ...

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Welcome to the University of Michigan Press HATHITRUST LAUNCH PAGE



[Access the University of Michigan Press Collection at HathiTrust](#)

[Press Release: UMP Partners with HathiTrust](#)

What is HathiTrust?

HathiTrust is a digital repository and research management tool for the United States' great research libraries, focused on providing scholars in the digital age with the largest collection of electronic research material this side of Google Book Search, large-scale full-text searching and archiving tools to manage it, and the ability to very easily flip through and purchase full titles in both print and electronic form.

"Presses have had online previews and PDFs of sample chapters, tables of contents, and sometimes entire books on their websites for years. The HathiTrust partnership is something entirely new that takes into account the actual pursuit of broad dissemination of scholarly information. Security restrictions are in place to protect the integrity of the product, but with HathiTrust, a full-view of the material is there, it's searchable and manageable, and it's available to anyone with access to the Trust. If you want to either search for or happen to come across Michigan Press books, you can view them onscreen anywhere, anytime, and decide if you are interested in making the purchase...This is just one of the many avenues we're pursuing to allow today's readers to find and 'flip through' a book to see if it meets their needs and interests without ever turning an actual page."

—Phil Pochoda, Director of the University of Michigan Press

For more information on UMP's Digital Transition, visit: www.press.umich.edu/digital

2020: A Publishing Odyssey

The possible futures of scholarly journal publishing

This article is based on a talk given by the author at the 32nd UKSG Annual Conference, Torquay, UK, March 30–April 1, 2009 and first appeared in *Serials*, Volume 22, Number 2, Pages 99-103, 2009, doi:10.1629/2299.

The information industry landscape is changing at a rate that would have been unimaginable just a few years ago. As the digital revolution continues to unfold, many existing publishing enterprises will either cease to exist or be transformed into a form that is virtually unrecognizable from their current one. Three factors will shape the future of scholarly journal publishing: the success of open access versus toll access business models, the survival of the journal brand on the author side, and the survival of the journal brand on the reader/librarian side. Whether you find some of these possible futures desirable or catastrophic depends on who you are.

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I will start with a quick overview of what is happening in some of the traditional media industries and the significant challenges they are facing. I will try to make the point that scholarly journal publishing is immune from most of these problems. Nevertheless, journal publishing is going to evolve over the next few years. I will present the three big changes that I believe will shape the future of journal publishing, the main drivers behind these changes, as well as their most important consequences. I will then offer some closing remarks.

There is wide agreement in our industry that publishers need to reassess the value they provide in the new digital era. This is very well captured by a recent quotation by [Clay Shirky](#):

“It makes increasingly less sense even to talk about a publishing industry, because the core problem publishing solves—the incredible difficulty, complexity, and expense of making something available to the public—has stopped being a problem.”

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Ahmed Hindawi

CEO at Hindawi Publishing Corporation
Cairo, Egypt

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Helping you decide what collaboration level to choose

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As an author, you can change the way readers can collaborate with you on your knols by choosing between three different collaboration models.

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This setting will only allow co-authors to modify your knol and these modifications will be immediately public. Choose this setting if you only want the group of co-authors you selected to be able to modify your knol.

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News

“AcaWiki Increases Impact of Scholarly Research Using Web 2.0”


Jane Park, October 6th, 2009

AcaWiki, a project I briefly mentioned in [Opening Education—the little things you can do](#), launches this week. Dubbed as the “Wikipedia for academic research,” AcaWiki’s mission is “to make academic research more accessible and interactive” by “[enabling] users to easily post and discuss human-readable summaries of academic papers and literature reviews online.” Founder Neeru Paharia (a doctoral candidate at Harvard Business School) explains that “cutting-edge research is often locked behind firewalls and therefore lacks impact. AcaWiki turns research hidden in academic journals into something that is more dynamic and accessible to have a greater influence in scholarship, and society.”

From [the press release](#),

*“AcaWiki’s work follows on the work of open-access publishers such as the Public Library of Science, as well as on the tradition of using new media to create public dialogue with science. Currently, it can cost up to \$35 to download an academic paper—a significant cost, especially because thorough research on any topic usually entails downloading many papers. **AcaWiki’s approach takes advantage of the fact that copyright does not apply to ideas, only to the written expression of those ideas.** Scholars can thus post summaries of their or others’ research online as long as they are not copying verbatim beyond what fair-use laws permit. John Seely Brown, former head of the Xerox Palo Alto Research Center and a leader in the open education movement, says, “AcaWiki complements [the movement’s] work and opens a whole new dimension of making research accessible to the public.”*

Like [OpenEd](#), AcaWiki is “built using Semantic MediaWiki, combining the sophistication of the semantic web with the ease-of-use of a wiki. The site enables comments, discussion, user profiles, and tagging.” All AcaWiki content is available via [CC BY](#).


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The Brazilian Project on OER

The Brazilian Project on Open Educational Resources is one of the first projects in Brazil that tries to appropriate the international discussion around Open Educational Resources to Brazilian realities and perspectives. »

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What is Open Education?

Open education "...is the simple and powerful idea that the world's knowledge is a public good and that technology in general and the Worldwide Web in particular provide an extraordinary opportunity for everyone to share, use, and reuse knowledge."⁽¹⁾

Overview

"Open educational resources (OER) are an Internet empowered worldwide community effort to create an education commons. The term "open educational resources" was first adopted at UNESCO's 2002 Forum on the Impact of Open Courseware for Higher Education in Developing Countries funded by the William and Flora Hewlett Foundation." (Wikipedia)

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OER and CC Licensing

Whether you want it or not, you automatically get all-rights-reserved copyright protection for just about anything you

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People and Projects

Latest *Inside OER* features Neeru Khosla, Co-founder of the CK-12 Foundation.

"Back in March, we were so excited about the new Physics Flexbook aligned to Virginia's state standards that we had to catch up with the foundation that



Open Education News

International Open Education Efforts

14 October 2009 by [openedblogger](#)

Simmi Aujla and Ben Terris at The Chronicle of Higher Education have a new article on international open education efforts. The article seems to take a more positive angle than yesterday's article. From international open education article:

In India, the focus is directly on students. The country's most rigorous technology universities have been posting videos of [...]

openededucationnews.org
http://opened.creativecommons.org/What_is_Open_Education

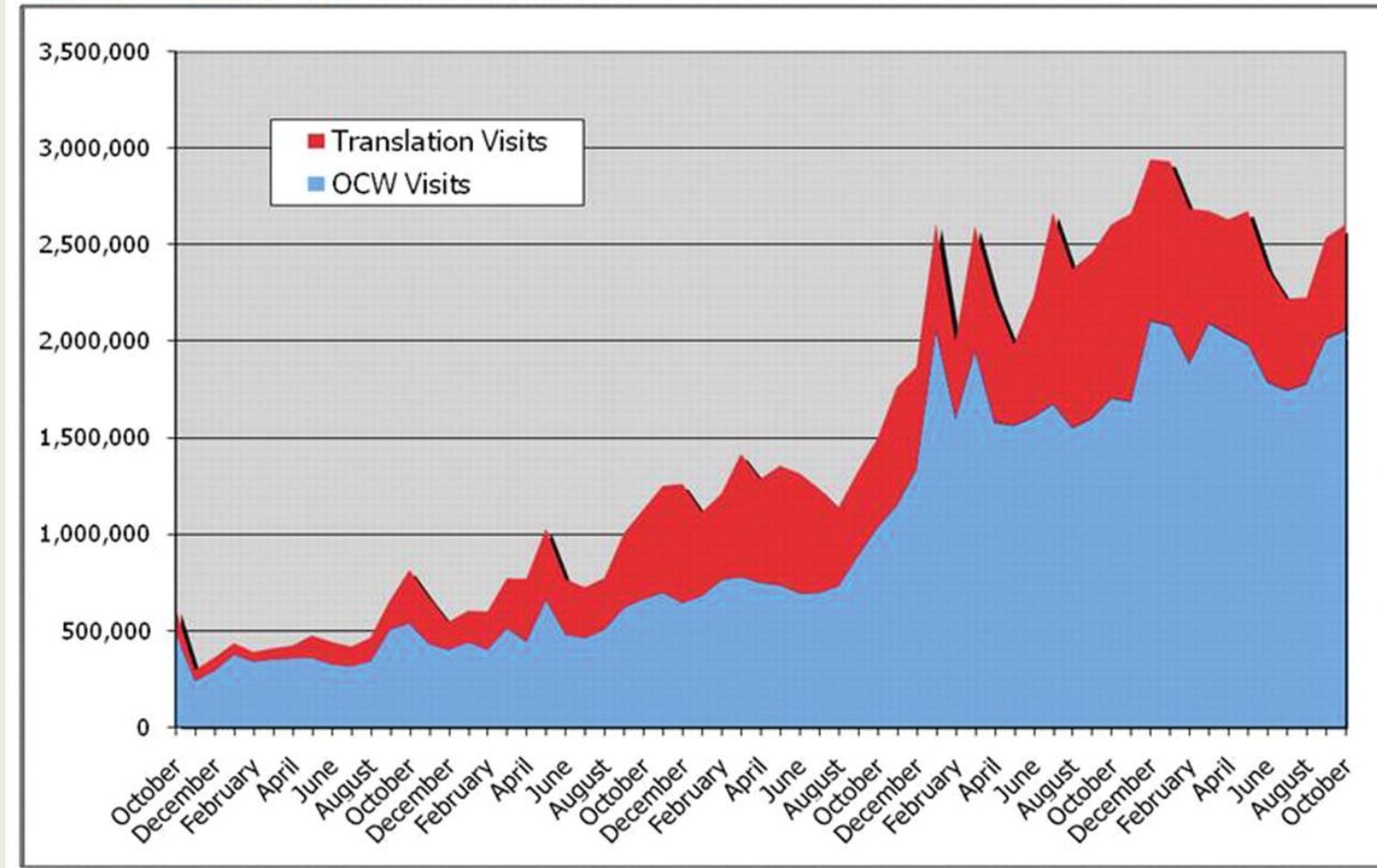


Fig. 3. This chart shows conservative estimates of the number of individual visits per month to OCWC sites from October 2003 to October 2008. The blue area represents visits to sites where the OCW is in the originally posted language, and the red area shows sites with translated versions of the OCW (7).

<http://www.sciencemag.org/cgi/content/full/323/5910/89>

VIEW

Welcome to the Peer 2 Peer University

last edited by [Bob Metry](#) 1 wk ago[Page history](#)

OCN Week 6

Updates:

- More information about the people who signed up for the first round on our new [Statistics](#) page.
- Our [T-Shirt store](#) is online!!! Finally, everyone can get one ...

"The Universe Provides" Challenge: We are looking for someone with Wordpress MU skills to help with our blogs.p2pu.org installation. If you are that somebody, or you know that special someone – [tell us!](#)

The Peer 2 Peer University (P2PU) is an [online community of open study groups for short university-level courses](#). Think of it as online book clubs for open educational resources. The P2PU helps you navigate the wealth of open education materials that are out there, creates small groups of motivated learners, and supports the design and facilitation of courses. Students and tutors get recognition for their work, and we are building pathways to formal credit as well.

Quick Links:

- > [Learn more](#) (about P2PU)
- > [Browse](#) the available courses
- > [Contact](#) us and get in touch



Give us some love and put our T-Shirt badge on your blog – link back to www.p2pu.org. Check out [people wearing](#) our shirts. If you want one, get it [here](#).

A word from the participants:

Bob Metry ([Non-fiction writing](#) course): *"We all have much to learn. Shakedown cruises are intended to test systems, to find and fix flaws. So far I believe the P2PU team is, borrowing other nautical terms, right on course (pun intended) toward its maiden voyage. Wishing you calm seas and following winds."*



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[Supercourse](#) is a repository of lectures on global health and prevention designed to improve the teaching of prevention. Supercourse has a network of over 65000 scientists in 174 countries who are sharing for free a library of 4096 lectures in 31 languages. The Supercourse has been produced at the WHO Collaborating Center University of Pittsburgh, with core developers Ronald LaPorte, Ph.D., Faina Linkov, Ph.D., Mita Lovalekar, M.D., Ph.D. and Eugene Shubnikov M.D.. Please contact us at super1@pitt.edu

Lectures of the week - [Fluoridation: Turning the Tide on Dental Decay](#) , [Influenza A\(H1N1\) \(Swine Flu\): A Global Outbreak](#)

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<http://www.pitt.edu/~super1/>



The Khan Academy is a not-for-profit organization with the mission of providing a high quality education to anyone, anywhere.

We have 900+ videos on YouTube covering everything from basic arithmetic and algebra to differential equations, physics, chemistry, biology and finance which have been recorded by [Salman Khan](#).

He has also developed a [free, adaptive math program available here](#). (Keep in mind that the web application is not fully supported and may not work properly with certain browser and/or network configurations)

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SAT Preparation



100+ videos ... [\[More\]](#)

We have taken all 8 math practice tests (432 problems) in "The Official SAT Study Guide" by the College Board in

GMAT Preparation



by the GMAC in 100+ videos below. ... [\[More\]](#)

We have taken all 400+ data sufficiency and math problems in "The Official Guide for GMAT Review"

California: Algebra II

Sal has done all 80 problems from the Algebra II Standards Test (click to download) administered as part of the Standardized Testing and Reporting (STAR) Program under policies set by the State Board of

Chemistry

[Introduction to the atom](#)
[Orbitals](#)
[More on orbitals and electron configuration](#)
[Electron Configurations](#)
[Electron Configurations 2](#)
[Valence Electrons](#)
[Groups of the Periodic Table](#)
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[Stoichiometry](#)
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[Ideal Gas Equation Example 1](#)
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[Ideal Gas Example 4](#)
[Partial Pressure](#)
[States of Matter](#)
[States of Matter Follow-Up](#)

Trigonometry

[Basic Trigonometry](#)
[Basic Trigonometry II](#)
[Radians and degrees](#)
[Using Trig Functions](#)
[Using Trig Functions Part II](#)
[The unit circle definition of trigonometric function](#)
[Unit Circle Definition of Trig Functions](#)
[Graph of the sine function](#)
[Graphs of trig functions](#)
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[More trig graphs](#)
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[Trigonometric Identities](#)
[Proof: \$\sin\(a+b\) = \(\cos a\)\(\sin b\) + \(\sin a\)\(\cos b\)\$](#)
[Proof: \$\cos\(a+b\) = \(\cos a\)\(\cos b\) - \(\sin a\)\(\sin b\)\$](#)
[Trig identities part 2 \(part 4 if you watch the proofs\)](#)
[Trig identities part 3 \(part 5 if you watch the proofs\)](#)
[Trigonometry word problems \(part 1\)](#)
[Trigonometry word problems \(part 2\)](#)

Physics

[Introduction to motion](#)
[Introduction to motion \(part 2\)](#)
[Introduction to motion \(part 3\)](#)
[Projectile motion \(part 1\)](#)
[Projectile motion \(part 2\)](#)
[Projectile motion \(part 3\)](#)
[Projectile motion \(part 4\)](#)
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[Projectile motion \(part 6\)](#)
[Projectile motion \(part 7\)](#)
[Projectile motion \(part 8\)](#)
[Projectile motion \(part 9\)](#)
[Projectile motion \(part 10\)](#)
[2 dimensional projectile motion \(part 1\)](#)
[2 dimensional projectile motion \(part 2\)](#)
[2-dimensional projectile motion \(part 3\)](#)
[2 dimensional projectile motion part 4](#)
[2-dimensional projectile motion part 5](#)
[Newton's First Law of Motion](#)
[Newton's Second Law of Motion](#)
[Newton's Third Law of Motion](#)
[Newton's Laws Problems \(part 1\)](#)
[Newton's Laws Problems \(part 2\)](#)

CNN: Sal on the Credit Crisis



Sal appears on the Rick Sanchez show to explain the Credit Crisis

This appearance has led to a paper that Sal has co-authored with Berkeley professor Dr. David Leibweber on a solution to unfreezing credit markets which is available [here](#).

About Salman Khan



Salman Khan (Sal) founded the Khan Academy with the goal of using technology to educating the world

Sal received his MBA from Harvard Business School. He also holds a Masters in electrical engineering and computer science, a BS in electrical engineering and computer science, and a BS in mathematics from the Massachusetts Institute of Technology. [Frequently Asked Questions](#).

What people are saying...

"...My eldest kid is dancing around in my room here because she is so excited that she finally found someone that teaches like this. You're awesome. Thank you."

"I don't know who you are but in my mind you are a savior. My



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network activity

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(55) groups

(1,763) photos

(6) videos

new members



Wei-Zheng



BarbaraMcDonald



elecibrarian



Richard



Binghuang



Xu



Zhiming



BenjingXu



zheng

latest network activity

Thursday, October 15

[Zhenli](#) updated his profile.

[Barbara McDonald](#) updated her profile.

[elecibrarian](#) updated her profile.

Today, October 14

[Binghuang](#) updated his profile.

[Binghuang](#) updated his avatar.



[Binghuang](#) uploaded a new photo.



[Ming-Liang](#) updated his profile.

featured groups



Computational Electr...

FDTD, FEM, MOM, etc



wave hydrodynamics

wave dynamics and simulation



Metal_forming

Casting; Rolling; Forging; Extrusion; Welding; Solidification; Material process



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Ceramics

including oxide, nitride, ...



Economics Study

Information economics/Microeconomics /Macroeconomics

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