

# The Punk Library Developing Library Instruction in the Mobile Age

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April 14, 2012

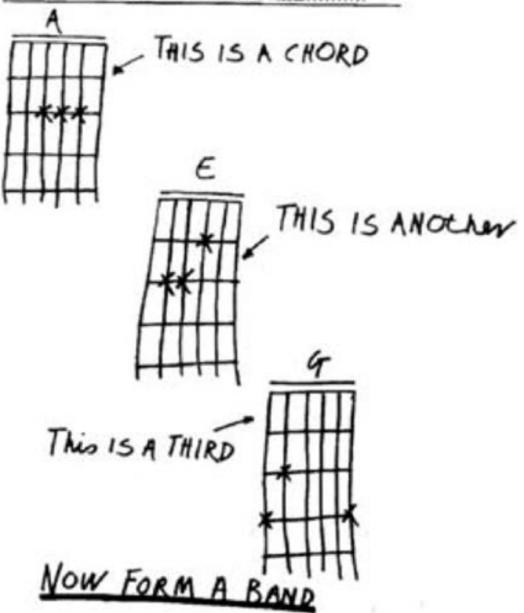
Southwest Idaho Library Association Conference



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HER THEMS IS NOT MEAST TO BE NEAD...IT'S FOR BOAKING IN GLISE AND ENLIPTING.

PLATTE IN THE BARD ... FIRST AND LAST IN A SERIES .......



## \_\_\_

"Art plus electricity equals rock and roll."



"Rock and roll by people who didn't have very much skills as musicians but still felt the need to express themselves through music"

"Tuning a guitar always seemed kinda silly to me, because it suggests all the other tunings are wrong. I just like to get my strings at a good tightness."





"Punk is musical freedom. It's saying, doing, and playing what you want."

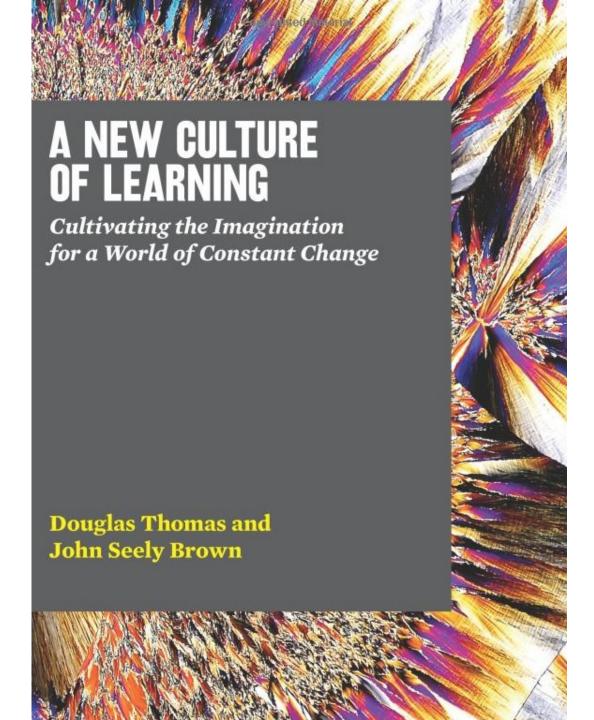


Kim Gordon walking over her bass during a Sonic Youth live performance in the Netherlands, 1991. Photo by Rien Post Required attribution: Photo by Rien Post





# Unorthodox Unconventional Non-traditional





The average lifespan of a skill is five years.



Mobile devices are accessible now to many.

# 



# 









## WHAT IS IT ABOUT?

# CONSTRUCTIVISM

## Constructivism Scale

**Passive** 

Active

Creative

Consumers of Content

Content Driven Efficiency Teacher

Centered

Interacters with Content

Driven Quality/Effectiveness Student

Centered

Process

Producers of Content

#### Classroom Activities:

Lecture

Read Text

Watch Teacher Video Demo

Cookbook Simulation Inquiry Lab Lab

Student Demo

Student-Created Lesson Content

Written

Student- Student Created Scientist

Audio-

#### Student Assignments:

Take Directed Practice Notes and

Worksheets: Worksheets: Journals/ Drill &

Question-Practice naires

Lab Reports Research **Papers** 

Jig saw Oral Activity Reports

or Present-

ations

Lessons or PDFs

Visual **Projects** Content and Experifor

Science

Mass ments Audience

Tests

"Knowledge is no longer that which is contained in space, but something that passes through it...In the future there will be, ... no fixed canons of texts and no fixed epistemological boundaries between disciplines, only paths of inquiry and modes of integration."

What is your topic?
What is a broader subject for your topic?
Ask your group members for related topics. What do they suggest?
Search for that topic in Gale Virtual Reference Library, Oxford Encyclopedia, or Blackwell Reference.
Read the article.
Develop three questions on that topic:
1.
2.
3.

What are some databases that you can go to that might help answer those questions?

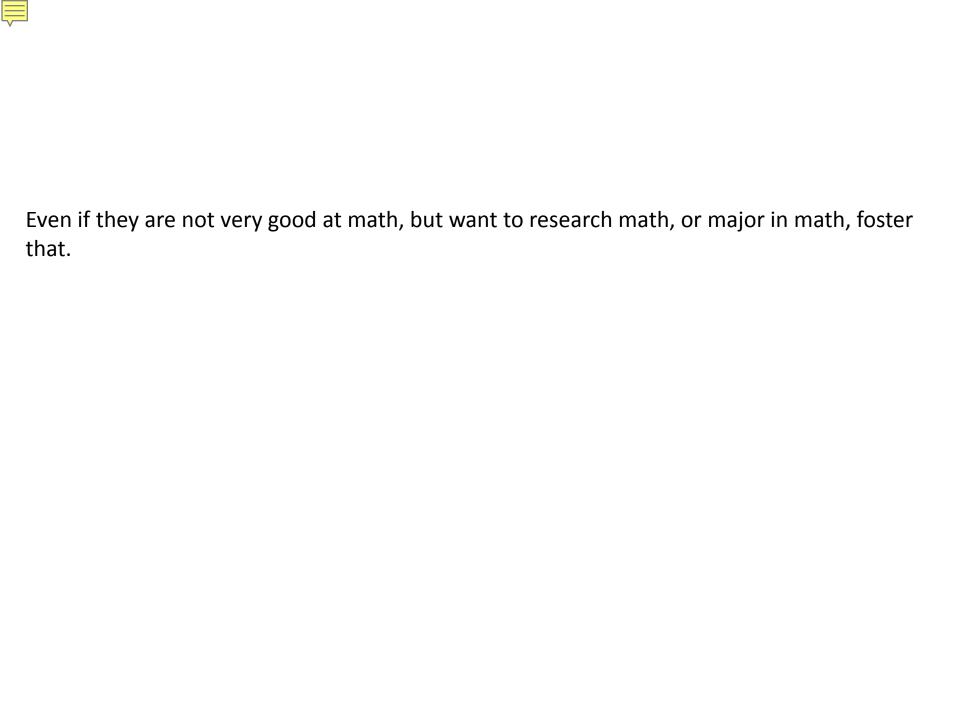
Look on the library's website on the A-Z list for Choose a Subject --> [English, Chemistry, Engineering, etc]

Which databases might address this?

Be prepare to present your questions at the next class meeting.

<del>=</del>

"Punk learning is not about a passive acceptance of knowledge. Punk learning is about constructing knowledge for ourselves, both individually and socially from the world around us."





Allow students and users to explore and come up with their own conclusions.

Listen to what they are saying.

Consider how we can foster their dispositions, rather than correcting them.

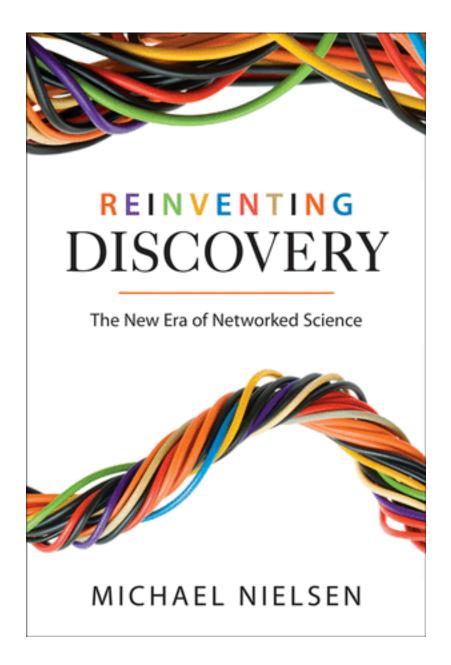
"No one ever said: This book is outside your age range; this book is too complicated."



Get students confident researching what they would like to research.

# Unorthodox Unconventional Non-traditional









## Wildlife Sightings

Homepage • Wildlife (Bird, Insect, Mammal, Amphibian, Reptile, Aquatic) • Plants

#### Welcome to Wildlife Sightings

Our goal is to organize & publish nature sightings for enjoyment, education and to aid conservation efforts. Nature lovers (novice & expert), conservation groups, eco-tourism business and educators can be a part of our citizen science community project.



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Master Gardener Guide

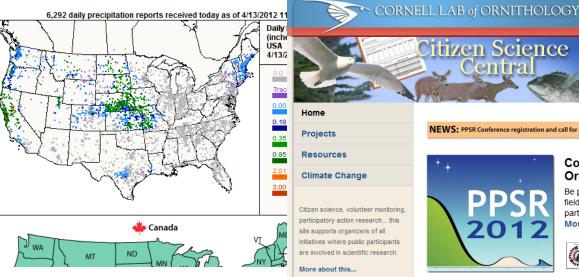
State Climate Series WxTalk Webinars



















Citizen Science

Ornithology 🕨

at the Cornell Lab of

search



Citizen Science Central

#### Conference in Portland. Oregon, August 4th-5th

Be part of a landmark event to advance the field of citizen science and public participation in scientific research. More details...









#### **Projects**

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#### Resources

Citizen Science Toolkit Conferences Reference database Discussion forum

#### Contexts

Climate change Science centers Conservation



Hey—you've discovered a secret website that hasn't really been launched yet! Well-value your participation, so more information will be coming shortly. In the mean time,

For more info on how to edit pages on the Boise Wiki, see Welcome to the Wiki. You can a

#### Categories

Events Board, Recurring Events, Other Events Calendars

History of the Boise Region

- · History of Mormonism in Idaho
- Fur Traders & Trappers
- Oregon Trail
- . Boise Basin Gold Rush
- · Chinese in Boise
- · Railroads Come to Town
- · Irrigating the Desert
- Historical Landmarks
- Influential People of Boise
- Boise & Interurban Company
- · Boise Valley Electric Railroad
- . History of the Name

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- Downtown
- North End
- Warm Springs/East End
- South/ Southeast
- West End
- The Bench
- Foothills
- Beyond Boise
- Collections
- View All
- Advanced Search
- Add A Building

Quick Search

Find Buildings!

## Welcome!

From Art Deco and Egyptian Revival public buildings in downtown Boise, to Mission Style, Post-Modern and Internationalist private residences, Boise is a treasure trove of great architecture.

We have posted our research and photos online for your education and enjoyment, and we invite your contributions!



#### Thanks City of Boise A&H Dept! - 11/19/2011

A big thank you to Boise's Arts and History Department for our recent grant! We so appreciate the City of Boise's commitment to the BAP and our city's heritage and arts.

#### BAP joins Preservation Idaho - 09/01/2011

The BAP is excited to announce our partnership with Preservation Idaho. Doug StanWiens is joining the PI Board, will head the PI Education Committee, and PI will feature the BAP as part of its new statewide education focus. Thanks PII



### AirStash.

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Support

Apps



Save & Share Documents wireless flash drive



privacy

**Premium Media Streaming** 

share video from your pocket



Photo Import, Backup, View

wireless SD card adapter



Specs

Entertainment

Productivity

Photography

News: "AirStash is a clever device that solves a genuine problem" — Walt Mossberg, WSJ











## I feel more confident today about searching in the databases

```
    1. I strongly agree
    2. I agree
    3. Neutral
    4. I disagree
    5. I strongly disagree
```





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...



that is almost five times as great (Dale et al. 2001). Since dead trees serve as fuel for catastrophic wildfires, insects and pathogens often play a key role in the occurrence and

#### In a nutshell:

- Forest insects and pathogens, which have a considerable effect on the forests of North America, are particularly vulnerable to disruption by climate change
- Current data and models suggest that global warming will result in the redistribution of insect pests, resulting in the invasion of new habitats and forest types
- Unusually hot, dry weather patterns are already responsible for increased insect outbreaks in forests from the US Southwest to Canada and Alaska

  The necessary tools are in place to assess the impacts of cli-
- mate change on forest pests and their host trees

herbivores and their forest hosts. In this paper, we consider forest insect pests because of their substantial economic and social impact, and also because the disruption of co-evolved normative relationships could have devastating ecological consequences that will eventually impact the survival of their host trees (Loehle and Leblanc 1996; Logan and Powell 2001).

Climate change, and particularly global warming, will have a dramatic impact on pest insect species. As "cold-blooded" organisms, they have a life history that hinges on temperature; the thermal habitat largely sets the boundaries of their geographic distribution. Forest pests are typically highly mobile insects with short generation times and high fecundity. Population dynamics provide a sensitive indicator that integrates the complex climate signal

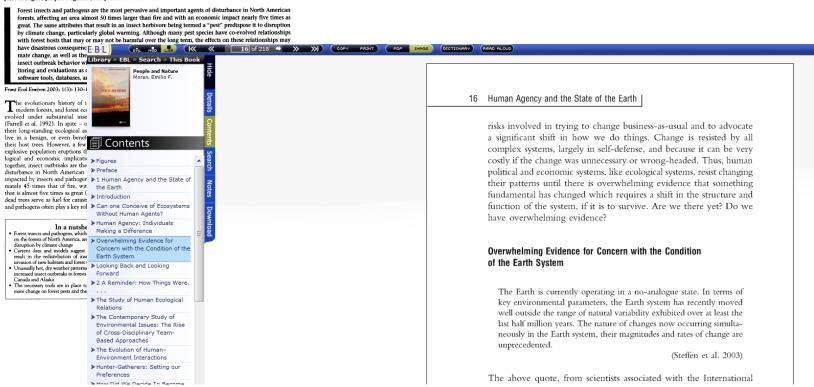




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# Assessing the impacts of global warming on forest pest dynamics

Jesse A Logan<sup>1</sup>, Jacques Régnière<sup>2</sup>, and James A Powell<sup>3</sup>

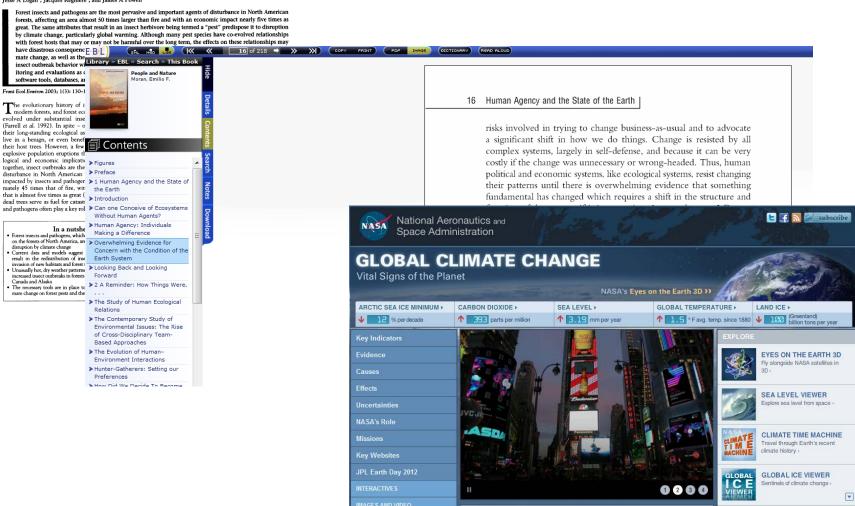




REVIEWS REVIEWS REVIEWS.

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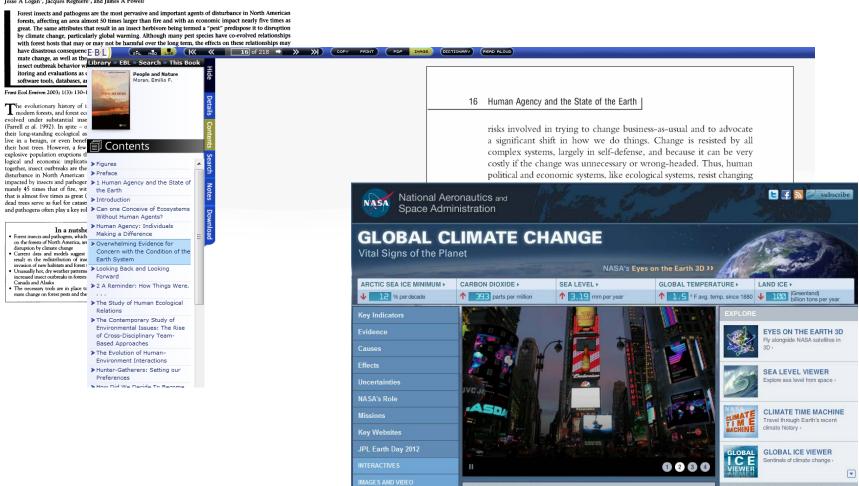
Jesse A Logan<sup>1</sup>, Jacques Régnière<sup>2</sup>, and James A Powell<sup>3</sup>





## Assessing the impacts of global warming on forest pest dynamics

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## Dirt exposure 'boosts happiness'

Exposure to dirt may be a way to lift mood as well as boost the immune system, UK scientists say.

Lung cancer patients treated with "friendly" bacteria normally found in the soil have anecdotally reported improvements in their quality of



Happy as a pig...

Mice exposed to the same bacteria made more of the brain's "happy" chemical serotonin, the Bristol University authors told the journal Neuroscience.

Common antidepressants work by boosting this brain chemical.

## Dirty play

A lack of serotonin is linked with depression in people.

The scientists say more work is now needed to determine if the bacterium Mycobacterium vaccae has antidepressant properties through activation of serotonin neurons.

Lead researcher Dr Chris Lowry said: "These studies help us understand how the body communicates with the brain and why a healthy immune system is important for maintaining mental health.

"They also leave us wondering if we shouldn't all spend more time playing in the dirt."

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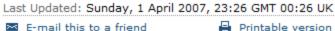
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## Mycobacterium vaccae

From Wikipedia, the free encyclopedia

Mycobacterium vaccae is a nonpathogenic [1] species of the Mycobacteriaceae family of bacteria that lives naturally in soil. Its name originates from the Latin word, vacca (cow), since it was first cultured from cow dung in Austria. [2] Research areas being pursued with regard to killed Mycobacterium vaccae vaccine include immunotherapy for allergic asthma, cancer, depression, leprosy, [3] psoriasis, dermatitis, eczema and tuberculosis [3]

There are scientists who believe that exposure to Mycobacterium vaccae may work as an antidepressant because it stimulates the generation of serotonin and norepinephrine in the brain. [4][5] More specifically, it induces the neurogenesis of neurons that produce those two compounds.

M. vaccae is in the same genus as Mycobacterium tuberculosis, the bacterium which causes tuberculosis. Early trials indicated that exposure to M. vaccae would relieve tuberculosis symptoms. However, a 2002 review found no benefit from immunotherapy with M. vaccae in people with tuberculosis.<sup>[6]</sup> There seems to be varying results because of two different forms of the bacterium ("smooth" and "rough"), plus individual response to vaccination from it.

Research, as of 24 May 2010, has shown that when Mycobacterium vaccae was injected into mice, it stimulated some growth of neurons. It also increased levels of serotonin an decreased levels of anxiety. "We found that mice that were fed live M. vaccae navigated the maze twice as fast and with less demonstrated anxiety behaviors as control mice", says Dorothy Matthews of The Sage Colleges in Troy, New York, who conducted the research with her colleague Susan Jenks.

There are two main variants of *Mycobacterium vaccae* according to their appearance in a culture dish. One is smooth and one is rough. Immunological response in mammals to the bacterium varies greatly according to which variant is used. [7] In one study, *Mycobacterium vaccae* was cultured on "tryptone soy agar medium, collected, and heat killed at 121°C for 15 min."[7]

AnHui Longcom Biologic Pharmacy Co., Ltd. (Longcom) produces a Mycobacterium vaccae vaccine with the trade name "Vaccae" for the treatment of tuberculosis. [8]. Immunitor Inc. reported success with its oral formul tuberculosis [9].

Deference



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Article Talk

## Hygiene hypothesis

From Wikipedia, the free encyclopedia



This article has multiple issues. Please help improve it or discuss these issues on the talk page.

- Its citation style may be unclear. The references used may be made clearer with a different or consistent si
- Its lead section may not adequately summarize its contents. Please consider expanding the lead to provide

In medicine, the **hygiene hypothesis** states that a lack of early childhood exposure to infectious agents, symbiotic microorganisms (e.g., gut flora or professed the immune system. Because of this we fail to induce a Th1 polarized response early in life so as we grow up we are more prone to developing Th2 induce the developed world has also been linked to the hygiene hypothesis. [2][3] There is some evidence that autism may be caused by an immune disease; [4] cause of autism. [5]

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- 5 Helminthic therapy





Volume 29, Issue 4, April 2008, Pages 150-158

Opinion

## The hygiene hypothesis and psychiatric disorders

Graham A.W. Rook<sup>1, ™</sup>, Christopher A. Lowry<sup>2</sup>

<sup>1</sup> Centre for Infectious Diseases and International Health, Windeyer Institute of Medical Sciences, Royal Free and University College Medical School, 46 Cleveland Street, London W1T 4JF, UK

Available online 6 March 2008.

http://dx.doi.org/10.1016/j.it.2008.01.002, How to Cite or Link Using DOI

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The hygiene hypothesis proposes that several chronic inflammatory disorders (allergies, autoimmunity, inflammatory bowel disease) are increasing in prevalence in developed countries because a changing microbial environment has perturbed immunoregulatory circuits which normally terminate inflammatory responses. Some stress-related psychiatric disorders, particularly depression and anxiety, are associated with markers of ongoing inflammation, even without any accompanying inflammatory disorder. Moreover, pro-inflammatory cytokines can induce depression, which is commonly seen in patients treated with interleukin-2 or interferon-α. Therefore, some psychiatric disorders in developed countries might be attributable to failure of immunoregulatory circuits to terminate ongoing inflammatory responses. This is discussed in relation to the effects of the immune system on a specific group of brain serotonergic neurons involved in the pathophysiology of mood disorders.

<sup>&</sup>lt;sup>2</sup> Department of Integrative Physiology, University of Colorado, Boulder, CO 80309-0354, USA





What can you do to foster innovation in your library?



What can you do in your reference and instruction interactions to help students become better prepared for the new culture of learning?



What questions do you want to ask, investigate, or search after leaving this presentation?

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