

dScribe

student-centric open educational
resource (OER) publishing system
at the University of Michigan

SI 521 Jan 29, 2009
Kathleen Ludewig

the end

current landscape
publishing framework
where we are now
the beginning

Begin at the end.





Open
Educational
Resources

What are the main features of OERs?

“...educational materials and resources offered freely and openly for anyone to use and under some licenses to re-mix, improve and redistribute.”

- **the content** (courses & learning assets)
- **the delivery** (CMS)
- **the use and reuse** (CC licensing)

How do we get there?

- faculty utilizing openly licensed educational media
- institutions supporting open access journals and textbooks
- developers building software tools on open source platforms
- keep door open to new modes of learning

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MIT OpenCourseWare



MITOPENCOURSEWARE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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"It puts a previously untouchable subject within reach for anyone who is interested."

Wendy Er mold
Self Learner
United States

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Photo by Donna Coveney.

9.05 Neural Basis of Movement

Ann Graybiel has been named Institute Professor, the highest honor MIT can bestow on a member of the faculty. Graybiel's research has revolutionized scientists' understanding of the functional anatomy of the brain. You can learn more in Neural Basis of Movement, an introductory course on motor control and learning.

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At 71, Physics Professor Is a Web Star

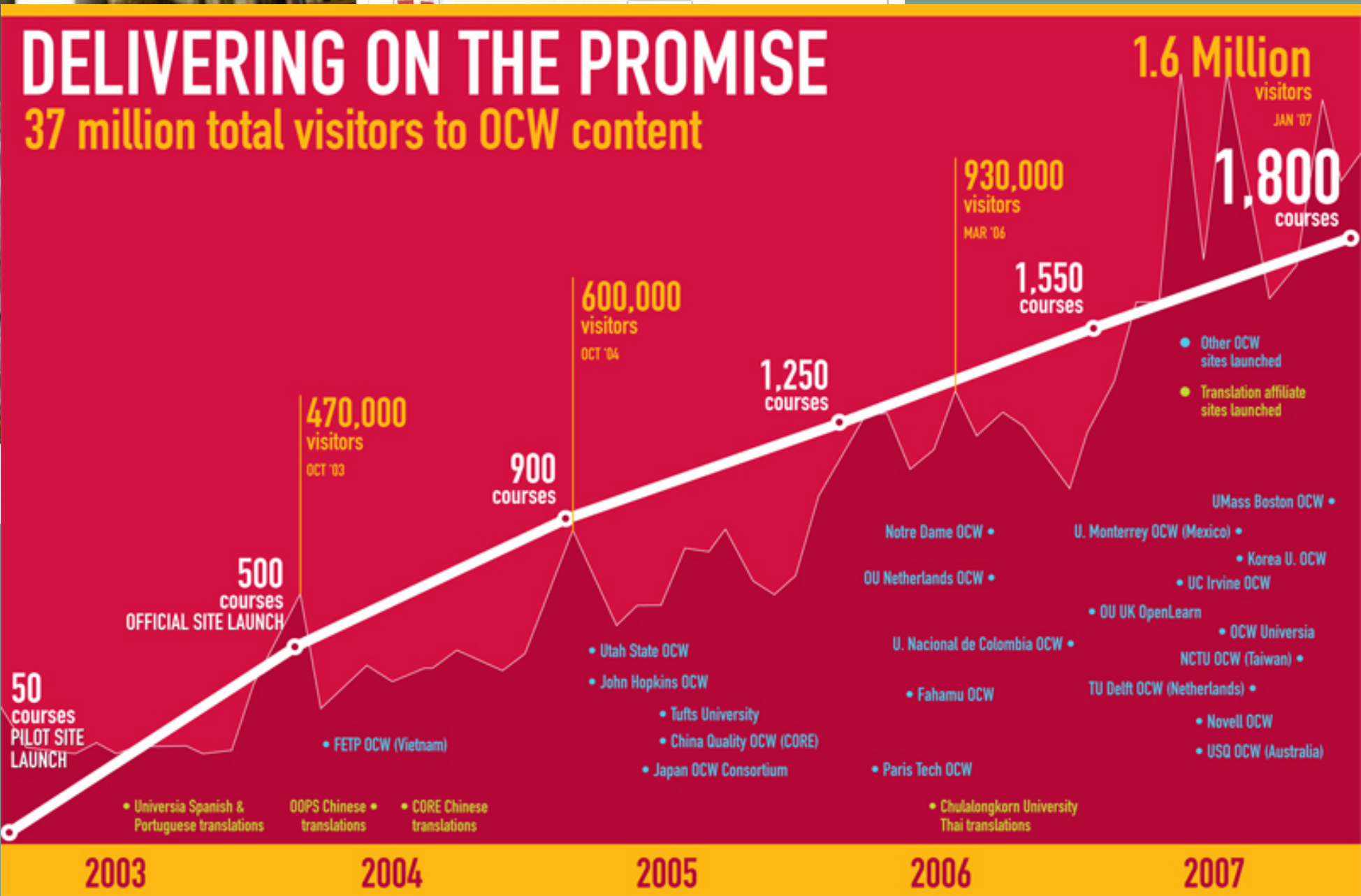



Prof. Walter H. G. Lewin, No. 1 on the most downloaded list at iTunes U for a
By SARA RIMER
Published: December 19, 2007

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Open Yale courses

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Departments

Astronomy

English

Philosophy


Physics

Political Science

Psychology

Religious Studies

Yale University



Open Yale Courses provides free and open access to seven introductory courses taught by distinguished teachers and scholars at Yale University. The aim of the project is to expand access to educational materials for all who wish to learn.

Open Yale Courses reflects the values of a liberal arts education. Yale's philosophy of teaching and learning begins with the aim of training a broadly based, highly disciplined intellect without specifying in advance how that intellect will be used.

This approach goes beyond the acquisition of facts and concepts to cultivate skills and habits of rigorous, independent thought: the ability to analyze, to ask the next question, and to begin the search for an answer.

We hope these courses will be a resource for critical thinking, creative imagination, and intellectual exploration.






Featured Course


[Introduction to Psychology with Professor Paul Bloom](#)

What do your dreams mean? Do men and women differ in the nature and intensity of their sexual desires? Can apes learn sign language? Why can't we tickle ourselves? This course tries to answer these questions and many others, providing a comprehensive overview of the scientific study of thought and behavior. It explores topics such as perception, communication, learning, memory, decision-making, religion, persuasion, love, lust, hunger, art, fiction, and dreams. We will look at how these aspects of the mind develop in children, how they differ across people, how they are wired-up in the brain, and how they break down due to illness and injury. [more >>](#)

login

join










would like to go back at some point, but I'm not sure what subject to go on. OCW is going to help me **make decisions about my study** in the future." [John Goff](#), a software engineer at Robins Air Force Base in Georgia, USA [see World Reaction...](#)

login

join








OpenCourseWare

Welcome!

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login

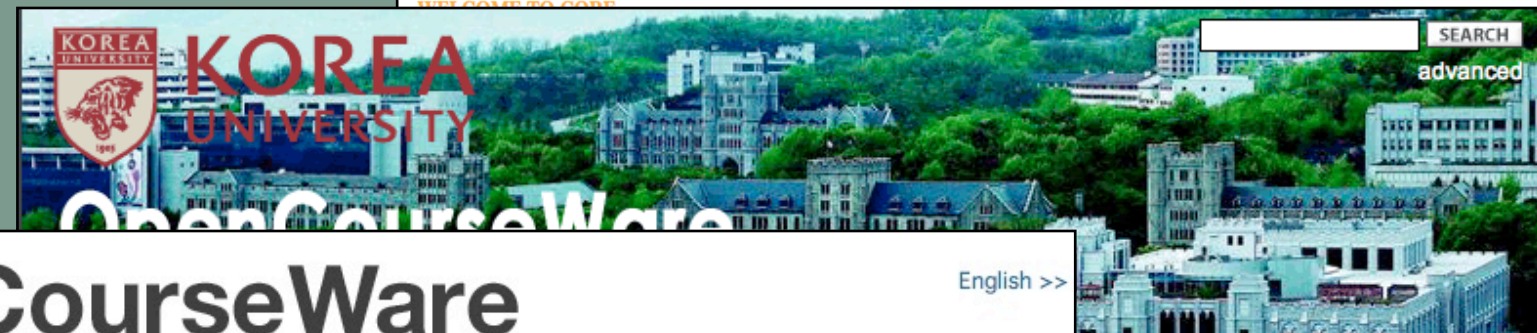
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UT OpenCourseWare
THE UNIVERSITY OF TOKYO

ようこそ、UTオープンコースウェアへ。UTオープンコースウェアは、東京大学教員の講義資料を無償で公開するWebサイトです。
公開されているすべての授業素材をこちらから見ることができます。

English >>



UDEM OpenCourseWare

Bienvenido

La Universidad de Monterrey reconoce que su función como institución educativa se cumple en la formación de hombres con actitud de auténtico servicio a la comunidad y está comprometida a entregar lo mejor y compartir sus conocimientos para la construcción de una mejor sociedad.

A través del proyecto OCW Consortium, la UDEM pone a disposición de profesores y estudiantes de cualquier parte del mundo una colección de cursos por internet de libre acceso, con contenidos que forman parte de los programas de estudios superiores que ofrece la universidad. De esta manera, la UDEM espera contribuir con la responsabilidad global de educar y servir a la comunidad.

Visite nuestros cursos

Consulte nuestra [Oferta de Cursos](#) disponibles. Si tiene alguna duda acerca de los OCW, lo invitamos a visitar nuestra sección de [Preguntas Frecuentes](#).

Nos interesa saber su opinión acerca de nuestro sitio, escríbanos con sus [Comentarios](#).

MIMA Search

マニユアル →

MIMA Search とは、UT OCW、MIT OCWに公開されている各授業のシラバスの関係を構造的に見ることができる検索システムです。MIMA Searchは、シラバスに含まれている各種の情報を

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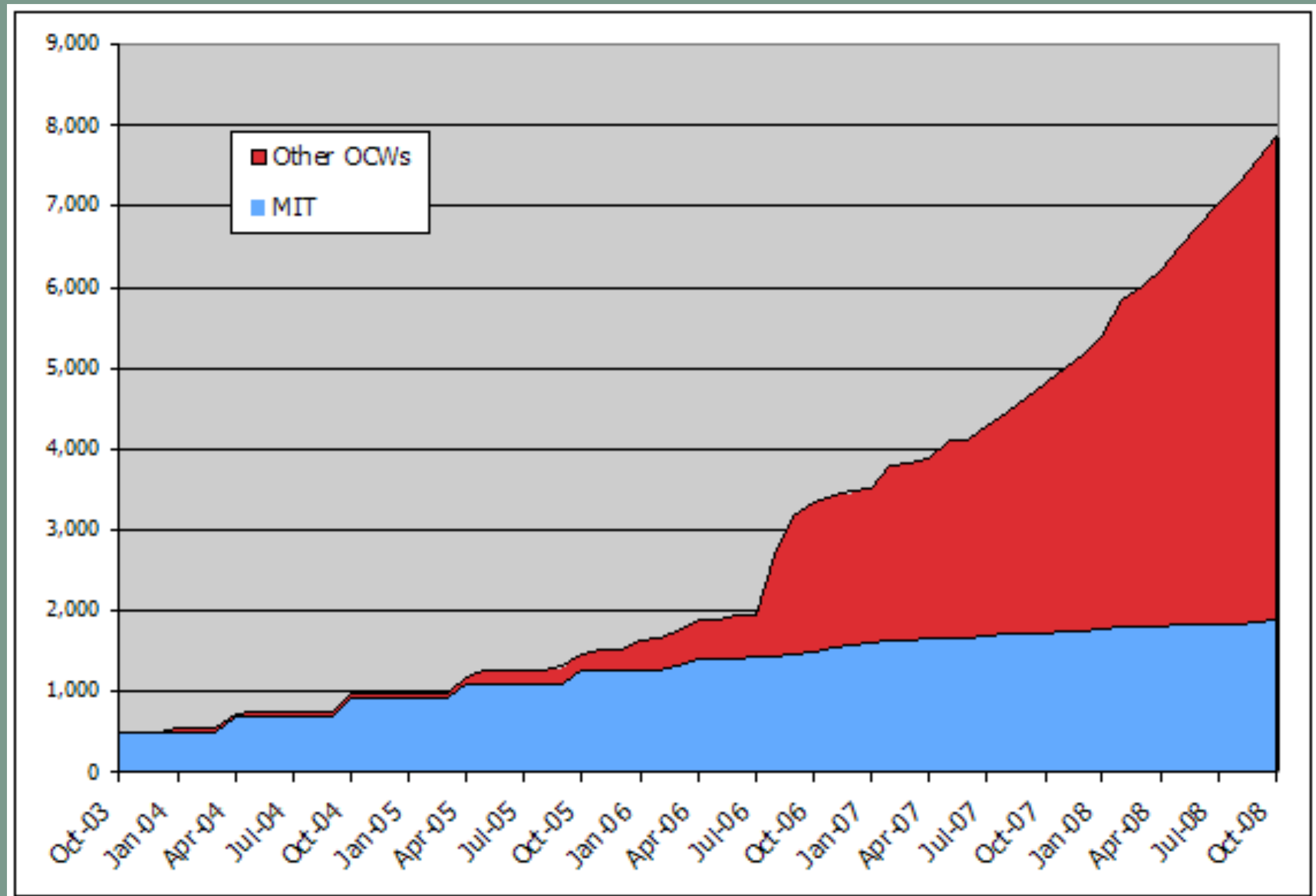
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The Commons

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CC News

Another Nine Inch Nails album out under a Creative Commons license

Eric Steuer, May 5th, 2008

More very exciting news from [Nine Inch Nails](#): Just two months after the [Creative Commons-licensed release](#) of NIN's *Ghosts I-IV*, the band has released another album, entitled *The Slip*, also under CC terms. NIN has this to say about *The Slip*, which, like its predecessor, is available under a Creative Commons [Attribution-](#)

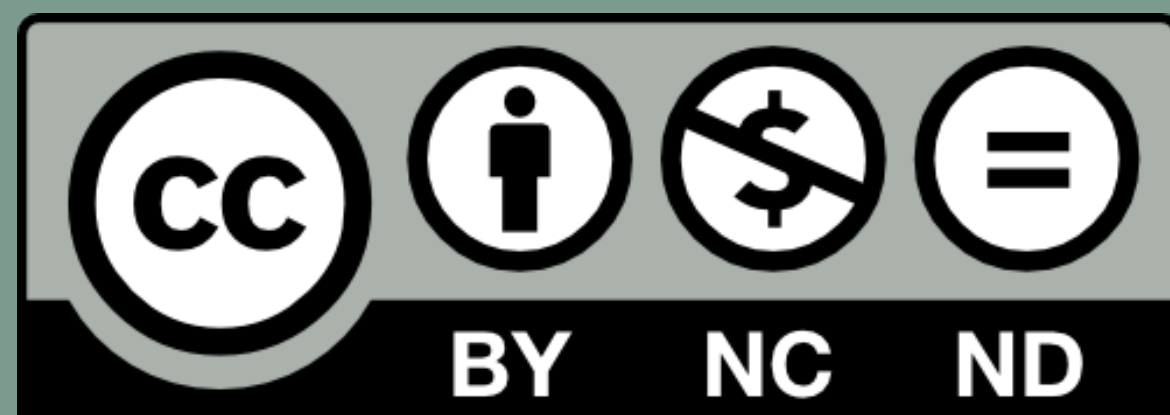
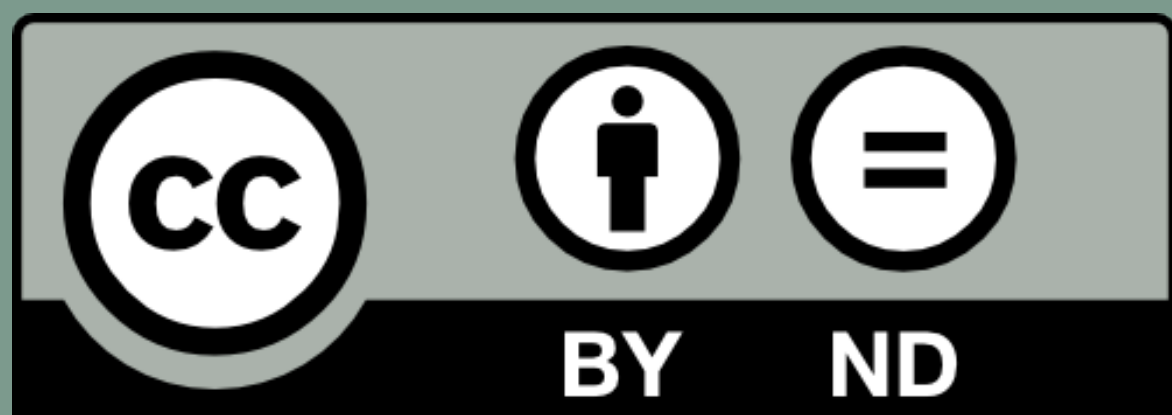
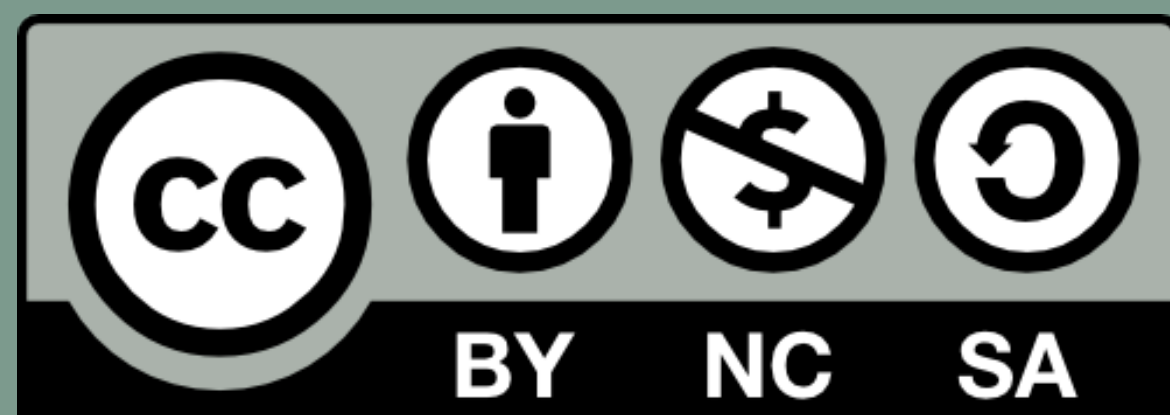
Jurisdiction News

CC Argentina: Entrevista librecultura e inclusión digital



May 05th, 2008

El lunes 05/05 Ariel Vercelli...



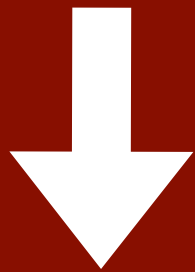
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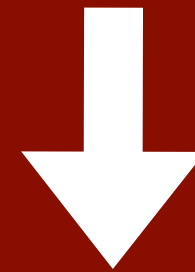
How it's being done, elsewhere

Traditional OCW
publication model



Staff Centric

Challenges



- Cost
- Access to Faculty
- Scale
- Refresh Rate

how else can we do this?
(JISC paper from last week)

dScribe publishing model

goals:

- scalable
- sustainable
- participatory

approach:

- automate and simplify a complex process
- leverage capacity of institutional technologies and talents

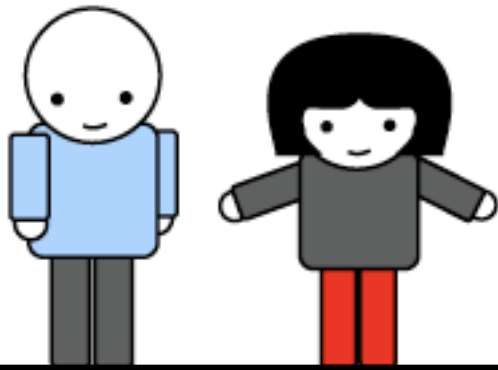
“dScribes”

digital & distributed Scribes

motivated students who:

- organize, clear, tag course materials
- are familiar with technology and software
- learn about intellectual property & copyright
- engage with content in new ways

dScribe cast of characters



dScribe



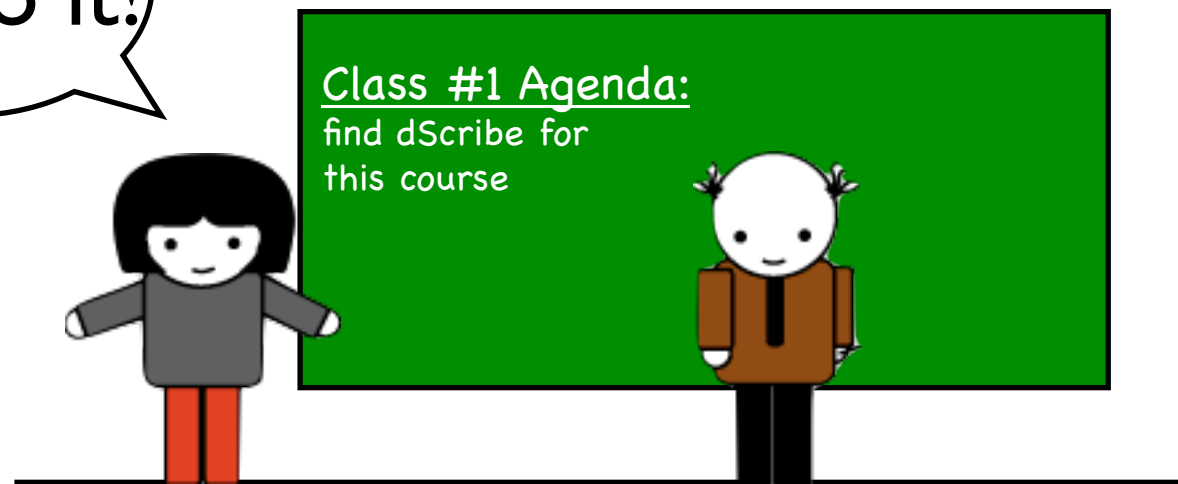
Faculty



dScribe2

select a dScribe

I' ll do it!



dScribe publication model

benefits to students:

- master course content
- learn about copyright and copyleft
- establish unique connection w/ faculty
- potential to get course credit
- collaborate w/ other dedicated classmates
- make resources available to underserved

dScribe publication model

benefits to faculty:

- students in course know best!
- establishing unique connection w/ students
- quality assurance of materials
- obtain user feedback on content > improve content

Open.Michigan publication framework

How will Michigan be different?

- process (dScribes, fair use, open search)
- multiple file formats
- international collaboration
- web 2.0/3.0
- outcomes, curriculum, career

the end

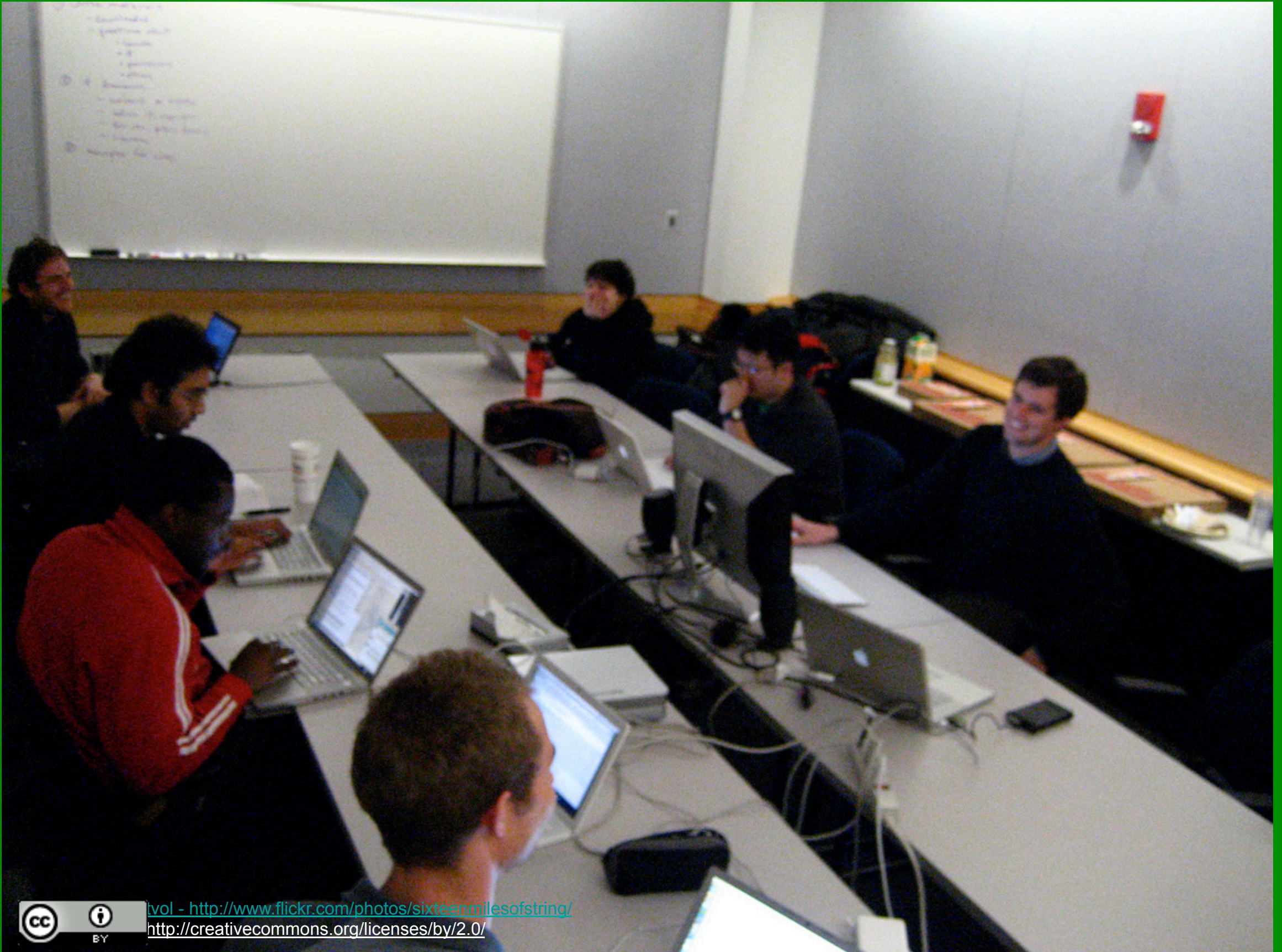
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Using dScribes



vol - <http://www.flickr.com/photos/sixteenmilesofstream/>
<http://creativecommons.org/licenses/by/2.0/>

Hybrid model

Staff

Full time

Part time

Volunteers


Funding

Institutional

Departmental

Foundation

Developing software







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



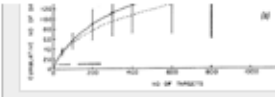
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




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




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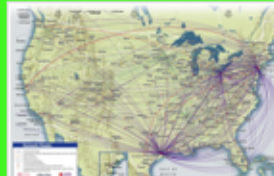
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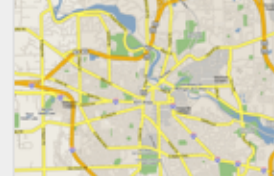
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




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



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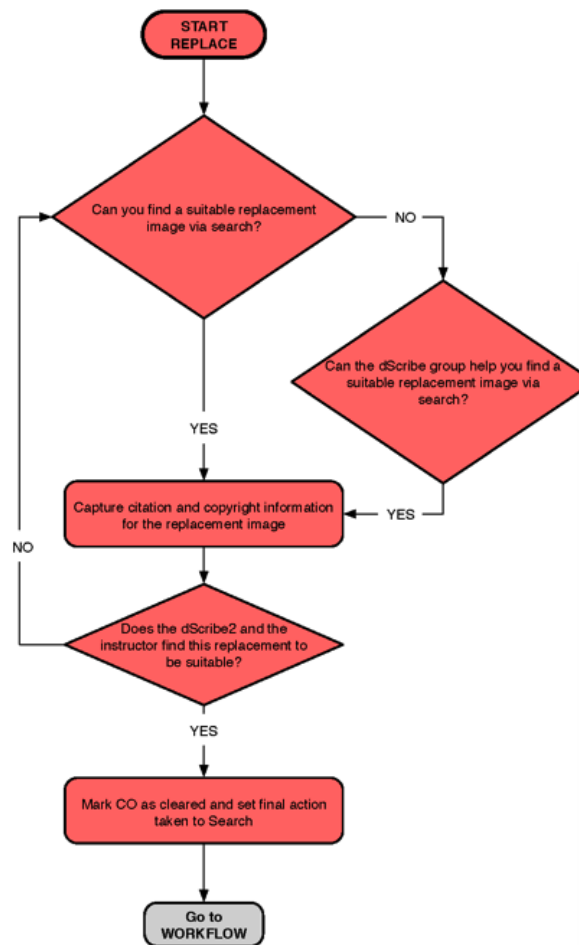
 



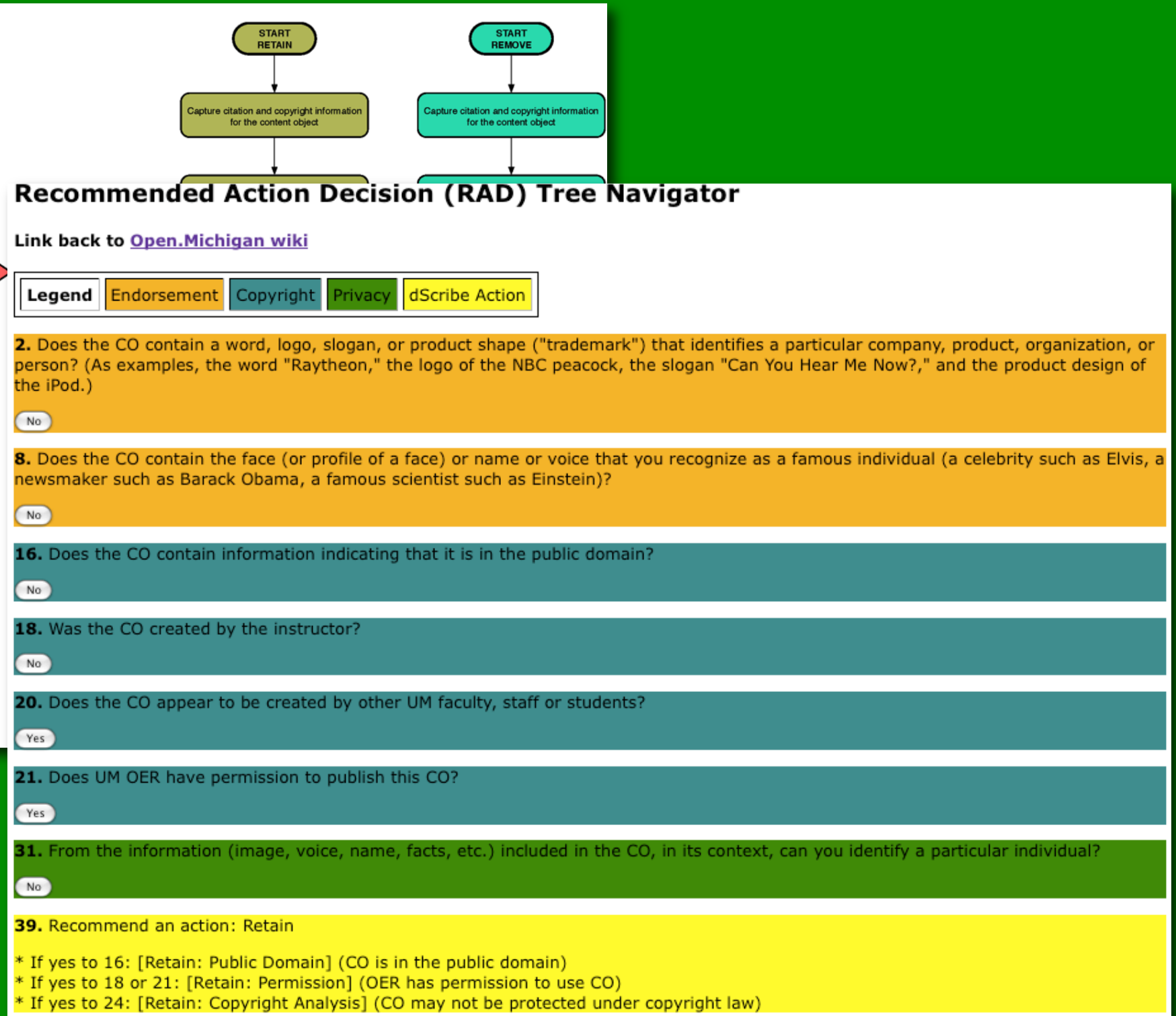
 

TITLE	START DATE	END DATE	CURRICULUM	PRIMARY INSTRUCTOR	INSTRUCTOR(S)	CONTENT OBJECT STATUS
508 Networks Edit Info »	06 Sep, 2007	11 Dec, 2007	Human-Computer Interaction	Lada Adamic	Lada A Adamic	<div><div>No Action Assigned</div><div>In Progress</div><div>Cleared</div><div>5164364</div></div>
508 Networks: Theory and Application	06 Sep, 2007	11 Dec, 2007	Human-Computer Interaction	Lada Adamic	Lada A Adamic	<div><div>No Action Assigned</div><div>In Progress</div><div>Cleared</div><div>213475499</div></div>
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508 Networks: Theory and Application	06 Sep, 2007	11 Dec, 2007	Human-Computer Interaction	Lada Adamic	Lada A Adamic	<div><div>No Action Assigned</div><div>In Progress</div><div>Cleared</div><div>3912</div></div>
508 Networks: Theory and Application	06 Sep, 2007	11 Dec, 2007	Human-Computer Interaction	Lada Adamic	Lada A Adamic	<div><div>No Action Assigned</div><div>In Progress</div><div>Cleared</div><div>811192</div></div>
508 Networks: Theory and Application	06 Sep, 2007	11 Dec, 2007	Human-Computer Interaction	Lada Adamic	Lada A Adamic	<div><div>No Action Assigned</div><div>In Progress</div><div>Cleared</div><div>811192</div></div>

Modeling workflow



Health OER: dScribe Content Clearing Decision Tree



Demonstration - [OERca](#) and [Casebook](#)

[Example](#) content objects

Publishing content

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PubPol 688 – Intellectual Property and Information Law, Fall 2008

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Lectures

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M2 Endocrine – Endocrine Sequence, Winter 2008

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Supplemental Readings

M2 Endocrine Sequence
Sequence Directors:
Dr. Arno Kumagal, M.D. &
Dr. Tom Giordano, M.D., Ph.D.
University of Michigan Medical School

Adrenal cortex:
— zona glomerulosa (aldosterone)
— zona fasciculata
— zona reticularis
Adrenal medulla (catecholamines)

Image courtesy of Royal College of Surgeons of Ireland (RCSI) under a Creative Commons license: [BY-NC-SA](#)

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Main Page

Welcome to the Open.Michigan wiki!

This is a space for documentation and ideas for the [Open.Michigan](#) initiative. Open.Michigan is about creating new ways for people to interact with courses, content and curriculum. It's about collaborating and contributing work that can then be used and remixed by the community.

Get involved:

■ WIKI - Request an account by emailing open.michigan AT umich.edu and then [login to the wiki](#) to begin adding to the community - your knowledge, ideas and contributions are welcome!

■ WEB - [Open.Michigan site](#) | [eduCommons site](#)

■ EMAIL - open.michigan AT umich.edu

■ CHAT - Channel #ocw at <http://irc.freenode.net>

open.michigan

Connecting the global learning community

Dentistry: Keynotes, Implants and Anatomy

by Emily Springfield · May 1st, 2008 · No Comments



Here at the [School of Dentistry](#), we're working on making some of our existing trove of dental videos available to the world. We've started with videos of important [school speakers](#), a series of demonstrations on [creating dental implants](#), and some archival [anatomy videos](#).

The anatomy videos are up to thirty years old, but the content is still good! And there are secret hopes that [Dr. Charlick](#) will win over the hearts of the dentistry world with his lively mix of plaids, stripes, and checks and those truly impressive sideburns.

Tags: Open Educational Resources

→ No Comments

SEARCH IT!

go

PAGES

■ About

AUTHORS

■ Emily Springfield (1)

■ Garin Fons (2)

CATEGORIES

OER Workshop at the Enriching Scholarship event

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How can we improve this process?

Intellectual Property concerns are an obstacle

- a mess to navigate
- a mess to legislate
- a mess to litigate

Hope lies in collaborators and supporters

- U-M team members
- OCW Consortium
- ccLearn & Creative Commons
- U-M Copyright Office
- funders (Hewlett Foundation)

Action items!

Faculty, Students can do two things early on:

1. search for and use more open content
2. cite the work on which you build

Staff, Students can help faculty / others:

1. promote open search tools and copyright education
2. remind all that academic work should be of publishable quality == attribution

Where do you begin?

You can continue to help by:

- learning the dScribe process and helping faculty apply it
- educating yourself about copyright and alternative licensing
- use, create, and support open source software
- become an advocate for Open.Michigan

Outstanding Issues

1. OA as part of the goal of University?
2. Awareness surrounding OCW issues (or)
 - Libertarian argument - apply here as well.
3. Question of interaction w/in OCW
 - Educational networking sites
4. Courses that may not translate well?

open.michigan@umich.edu

<http://open.umich.edu>

