



The Evolution of MERLOT

Sorel Reisman, PhD

**MERLOT Managing Director
California State University, Office of the Chancellor
Professor, Information Systems
California State University, Fullerton**

Brief History of MERLOT

- 1997 - MERLOT developed and hosted at Cal State University, Sonoma
- 1999 - University of Georgia System, Oklahoma State Regents for Higher Ed, Univ of North Carolina System, and California State University System formed MERLOT 'cooperative'
- 2000
 - January - MERLOT cooperative sponsored 48 Biology, Physics, Business and Teacher Education faculty (12 from each system) to develop peer review standards/processes for on-line teaching-learning materials
 - April - other higher ed sys/institutions invited to join MERLOT cooperative.
 - July - 23 higher ed systems/institutions of higher education had become MERLOT Institutional Partners
 - New release of MERLOT website
- 2006 (August)
 - 3rd release of MERLOT of website
- 2007 (June)
 - 47,000+ members and 17,000 materials
- 2009 (November) - Content Builder part of MERLOT (from Carnegie)
- 2011-2012
 - Over 100,000 members and 35,000 materials. - Released Translation Tool
 - Content Builder and Web Services upgrades and new Web services
- October 2013
 - MERLOT II released at Educause 2013. Over 42,500 materials and 117,000 members

MERLOT II



OPEN EDUCATION RESOURCE REPOSITORY*

- Registered Members
 - 122,000 ~ growing @ 1,000/month
- Materials - categorized by discipline
 - 44,700+ Materials in MERLOT
 - 3,800 Peer Reviewed materials
 - 13,600 materials in "Personal Collections"
 - 5,570 materials with member comments
- Usage
 - ~ 90,000 average unique visits per month

MERLOT's VISION

Premiere online international community of
faculty, staff, and student

Users, Members, and Consortium Partners

from around the world who share their pedagogy
and repository-based

**Learning Objects, Open Courses, Open Access
Textbooks, and Open Access Journal articles**



What Is Unique about the MERLOT Collection?

- An OER with 44,000+ teaching and learning materials
- **Peer-Reviewed Materials**
 - Not a Google search
 - Unique peer review by discipline editors and boards
 - GrapeCamp training and QM for online courses
- Across Disciplines
- World-wide, Multi-language
- All levels of Education

Anyone can search and
browse...

To contribute, you must
register in MERLOT

It's FREE!

As a MERLOT Member you can:

- Create personal collections
- Contribute materials, comments, and learning exercises
- Develop a personal profile and create a CV
- Share online expertise with others
- Receive peer recognition
- Become a guest speaker
- Join an Editorial Board - Become a Peer Reviewer
- Find others in a discipline or affiliation

How Do You Register?

Resource
Teaching

[Add to Collection](#) | [Create Materials](#) | [News & Info](#) | [About MERLOT](#)

MERLOT is a free and open peer reviewed collection of online teaching and learning materials and faculty-developed services contributed and used by an international education community.

SEARCH
MERLOT



MY
MERLOT



MEMBERSHIP



CREATE MATERIALS
WITH CONTENT
BUILDER

Free MERLOT webinar
"How to Use MERLOT
to find Resources to
Use in Teaching" Find
out more!

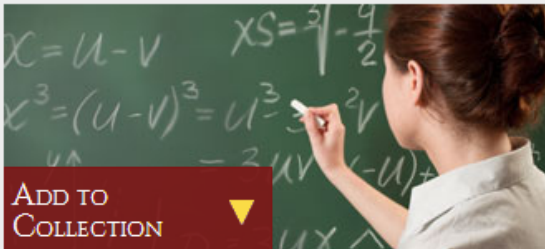
NEWS &
INFORMATION

ABOUT
MERLOT



MERLOT
COMMUNITIES

ADD TO
COLLECTION



Log In/Register | Help

MERLOT

Username:

[Forgot username?](#)

Password:

[Forgot password?](#)

Remember Me

Not a member? Register Now!

Translation in MERLOT II

ing Do... **AS** Orange, CA | Advan...

al Resource
ne Teaching

Login/Register ▼ |

ership | Add to Collection | Create Materials | News & Info | About MERLOT

Search all MERLOT Search

MERLOT is a free and open peer reviewed collection of online teaching and learning materials and faculty developed services contributed and used by an international membership community of faculty, staff, students and administrators.

SEARCH MERLOT ▶



MY MERLOT ▶



MEMBERSHIP ▶



CREATE MATERIALS WITH CONTENT BUILDER



NEWS & INFORMATION



ABOUT MERLOT



MERLOT COMMUNITIES ▶



ADD TO COLLECTION ▶



- Hebrew
- Hindi
- Hmong Daw
- Hungarian
- Indonesian
- Italian
- Japanese
- Korean
- Latvian
- Lithuanian
- Malay
- Norwegian
- Persian
- Polish
- Portuguese
- Romanian
- Russian
- Slovak
- Slovenian
- Spanish**
- Spanish

**You can search and find
members and materials in
MERLOT**

In any language



SEARCH MATERIALS

ADVANCED MATERIAL SEARCH



SEARCH MEMBERS

ADVANCED MEMBER SEARCH



BROWSE ALL MATERIALS



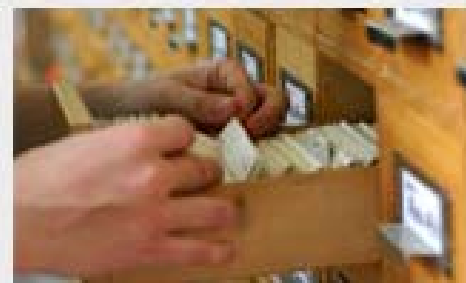
BROWSE ALL MEMBERS



SEARCH OTHER LIBRARIES



SEARCH LEARNING EXERCISES



VIEW SUBJECT CATEGORY INDEX

Recent material:
Laban Movement
Analysis



RSS

Material Advanced Search


Admin Search:

Active/Inactive:

Partner Search:

Partner Only:

Advanced Material Search

 Find material by attributes:

Keywords: all words any words exact phrase

Title:

URL:

Description:

Community:


Category:

Language:

Material type:

Technical format:

Audience:

 Find mobile apps that you can download to your mobile device:

	Phone	Tablet	Other
iOS (Apple)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Android	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Member Advanced Search

Advanced Member Search

Admin Search:

Active/Inactive:

Find Member by keyword:

Keywords:

Find Member by personal information:

First name:

Last name:

Email:

Find Member by Affiliation Name

Or by Affiliation Category/Location

Affiliation Name:

* Affiliation Category:

Address:

Language:

Associations:

Member Types:

Primary Discipline:

Find Member by date registered:

All

The Past Days

to

SEARCH > MATERIAL RESULTS

MATERIALS SEARCH: dna Search

Sort by: Relevance Sort

Current Search:

Keywords
dna

Refine Your Search:

- ▼ Materials
 - Search Other Libraries
 - ▼ Subject Categories
 - Business (2)
 - Education (13)
 - Humanities (7)
 - Mathematics and Statistics (5)
 - Science and Technology (305)
 - Social Sciences (20)
 - Workforce Development (2)
 - ▶ Material Types
 - ▶ Mobile Filters
 - ▶ Other Filters
- ▶ Members
- ▶ Learning Exercises
- ▶ Comments
- ▶ Personal Collections
- ▶ Peer Reviews

Materials 1 - 10 shown of 323 results

DNA from the Beginning 

[Merge]
DNA from the Beginning is an animated tutorial on DNA, genes and heredity. The science behind each concept is explained using... see more
Material Type: Simulation
Author: Cold Spring Harbor Laboratory
Date Added: Apr 11, 2000 **Date Modified:** Dec 31, 2012

About this material:
[Peer Review](#) ★★★★★
[Comments](#) (42)avg: ★★★★★
[Personal Collections](#) (381)
[Learning Exercises](#) (9)
[Accessibility Info](#) (none)

DNA Structure

[Merge]
A 3-dimensional, interactive, animated nonlinear tutorial on the structure of DNA. The user can choose among several views... see more
Material Type: Tutorial
Author: Eric Martz
Date Added: Mar 06, 2000 **Date Modified:** Feb 06, 2012

About this material:
[Peer Review](#) ★★★★★
[Comments](#) (3)avg: ★★★★★
[Personal Collections](#) (11)
[Learning Exercises](#) (none)
[Accessibility Info](#) (none)

WEHI-TV DNA Molecular Animation

[Merge]
Videos of computer animations of DNA, chromatin, DNA replication, transcription, recombinant DNA and sickle cell hemoglobin... see more
Material Type: Animation
Author: Drew Berry
Date Added: Mar 25, 2008 **Date Modified:** Jan 08, 2013

About this material:
[Peer Review](#) ★★★★★
[Comments](#) (none)
[Personal Collections](#) (2)
[Learning Exercises](#) (none)
[Accessibility Info](#) (none)

DNA Structure 1.0

[Merge]
A very well designed, interactive, 3-D tutorial on the basic structure of DNA. Covers the nature of the double helix, base... see more
Material Type: Tutorial
Author: Frieda Reichsman
Date Added: Mar 06, 2000 **Date Modified:** Aug 18, 2012

About this material:
[Peer Review](#) ★★★★★
[Comments](#) (1)
[Personal Collections](#) (7)
[Learning Exercises](#) (none)
[Accessibility Info](#) (none)

Biological animations and tutorials 

[Merge]
Key biological concepts animated as narrated and stepped tutorials, along with quizzes.
Material Type: Animation
Author: Sumanas, Inc.
Date Added: Jun 23, 2005 **Date Modified:** Dec 06, 2012

About this material:
[Peer Review](#) ★★★★★
[Comments](#) (1)avg: ★★★★★
[Personal Collections](#) (68)
[Learning Exercises](#) (1)
[Accessibility Info](#) (none)

Virtual Bacterial Identification Lab

[Merge]
A virtual lab where you carry out the sequential steps to isolate bacteria, purify DNA, PCR amplify the DNA, sequence the 16S... see more
Material Type: Simulation

About this material:
[Peer Review](#) ★★★★★
[Comments](#) (1)avg: ★★★★★
[Personal Collections](#) (72)
[Learning Exercises](#) (2)
[Accessibility Info](#) (none)

Search > Material Results

Refine Your Search:

▼ Materials

▼ Categories

[Academic Support
Services \(3,763\)](#)[Arts \(1,662\)](#)[Business \(4,868\)](#)[Education \(6,642\)](#)[Humanities \(6,540\)](#)[Mathematics and
Statistics \(3,582\)](#)[Science and
Technology \(16,974\)](#)[Social Sciences \(4,071\)](#)[Workforce
Development \(1,390\)](#)

▶ Material Types

▶ Mobile Filters

▶ Other Filters

▶ Members

▶ Learning Exercises

▶ Comments

▶ Personal Collections

▶ Peer Reviews

Materials 1 - 10 shown of 42,643 results

DNA from the Beginning

[Merge]

DNA from the Beginning is an animated tutorial on DNA, genes and heredity. The science behind each concept is explained using... see more

Material Type: Simulation**Author:** Cold Spring Harbor Laboratory**Date Added:** Apr 11, 2000 **Date Modified:** Nov 11, 2013**Crisis at Fort Sumter**

[Merge]

"Crisis at Fort Sumter" is an interactive historical simulation and decision making program. Using text, images, and sound,... see more

Material Type: Simulation**Author:** Richard B. Latner**Date Added:** Mar 26, 2003 **Date Modified:** Nov 04, 2013**LangMedia Foreign Language Media Archive**

[Merge]

This site presents information on culture and language in different regions of the world as well as videos and audio taken... see more

Material Type: Simulation**Author:** Lang Media**Date Added:** Jan 10, 2002 **Date Modified:** Oct 13, 2013**Virtual Chemistry Laboratory**

[Merge]

Sort by: Overall Rating ▼ Sort

About this material:

[Peer Reviews](#) ★★★★★[User Rating](#) ★★★★★[Discussion](#) (47 Comments)[Personal Collections](#) (402)[Learning Exercises](#) (10)[Accessibility Info](#) (none)

About this material:

[Peer Reviews](#) ★★★★★[User Rating](#) ★★★★★[Discussion](#) (6 Comments)[Personal Collections](#) (100)[Learning Exercises](#) (3)[Accessibility Info](#) (none)

About this material:

[Peer Reviews](#) ★★★★★[User Rating](#) ★★★★★[Discussion](#) (14 Comments)[Personal Collections](#) (131)[Learning Exercises](#) (3)[Accessibility Info](#) (none)

About this material:

[Peer Reviews](#) ★★★★★

Material Detail

DNA from the Beginning



Location: [Go to Material](#)

or [Mirror Site](#)

Material Type: [Simulation](#)

Technical Format: Excel

Date Added to MERLOT: April 11, 2000

Date Modified in MERLOT: November 11, 2013

[\[Report Broken Link\]](#) [\[Report as Inappropriate\]](#)



Author: Cold Spring Harbor Laboratory

Submitter : [Jeff Bell](#)

Description:

DNA from the Beginning is an animated tutorial on DNA, genes and heredity. The science behind each concept is explained using animations related to DNA topics, an image gallery, video interviews, problems, biographies, and links related to DNA. There are three sections, Classical Genetics, Molecules of Genetics and Organization of... [More](#)

Keywords:

genetics, DNA, History about DNA, genes, DNA models

Browse in Categories:

- [Science and Technology / Agriculture and Environmental Sciences / Animal Sciences](#)
- [Social Sciences / Psychology / Biological](#)
- [Social Sciences / Psychology / Biological / Evolution and Behavior](#)
- [Science and Technology / Communication Sciences and Disorders / Foundations and Related](#)
- [Science and Technology / Biology / Genetics](#)
- [Science and Technology / Biology / Molecular Biology](#)
- [Science and Technology / Agriculture and Environmental Sciences / Plant Sciences](#)

Primary Audience: College General Ed

Mobile Compatibility: Not specified at this time

Technical Requirements: Flash 3 and RealAudio

Language: English

Cost Involved: no

Source Code Available: no

Accessibility Information Available: no

Copyright: yes

g+1 Like 6

SHARE f t e ...



About this material:

[Peer Reviews](#): ★★★★★

[User Rating](#): ★★★★★

[Discussion](#) (47 Comments)

[Learning Exercises](#) (10)

[Personal Collections](#) (402)

Accessibility Info (none)

[View Material Stats](#)

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[Create a learning exercise](#)

[Add accessibility information](#)

Add to a personal collection:

New personal collection

Authorized users only:

[Edit material](#)

[Delete material](#)

[Deactivate material](#)

[Manage awards](#)

[Material Workspace](#) **WS**

Submitter : [Deborah Henell](#)

Description:
Key biological concepts animated as narrated and stepped tutorials, along with quizzes.

Keywords:
DNA cloning, meiosis, ovary, Electron Transport, Pulse-Chase, action potential, moss, Gel Electrophoresis, Protein Secretion, mitochondria, Retrovirus, Meselson-Stahl, independent assortment, Stimuli, synapse, Polyribosomes, mitosis, chloroplast, DNA Chip, Blood Flow, lac operon, Inflammatory Response, angiosperm, life cycle, embryonic stem cells, cell division, Vesicle Budding, kidney, Organelles, HIV

- Browse in Categories:**
- [Science and Technology / Biology / Development](#)
 - [Science and Technology / Biology / Evolution](#)
 - [Science and Technology / Biology / General](#)
 - [Science and Technology / Biology / Genetics](#)
 - [Science and Technology / Biology / Human Anatomy](#)
 - [Science and Technology / Biology / Molecular Biology](#)

More information about this material:
Primary Audience: Middle School, High School, College General Ed
Mobile Compatibility: Not specified at this time
Language: English
Cost Involved: no
Source Code Available: no
Accessibility Information Available: no
Copyright: yes
Creative Commons: unsure

[Discuss this Material](#)
[Rate this material](#)
[Create a learning exercise](#)
[Add accessibility information](#)

Add to a personal collection:

Authorized users only:
[Material Workspace](#) **WS**

[Report this as an Inappropriate Material](#)



What's This?

Discussion for Biological animations and tutorials

Got an idea, question, or debate inspired by this material? Add your comments to the discussion below

Add a new comment

Get notified by email when your comment is replied to

19



Susana Marquez (Faculty)

1 year ago

outstanding

Used in classroom

Reply

Like (0)

[Report as Inappropriate](#)

Other Digital Library Partners you can search

In about 20 seconds, 25 materials from each of the 12 digital libraries are delivered

MERLOT is the place to find online learning materials, web sites and educational digital libraries. Here are other [Learning Object Repositories](#) you can access through MERLOT.

Below, you can perform Federated searches of other digital collections.

Federated Search

Search Terms: (Maximum of 25 results will be returned from each collection)

Collections to Search:

- MERLOT** - Expertly vetted, annotated and peer reviewed collections of learning objects across the disciplines including Arts, Education, Humanities, Science and Technology, Social Science, Business and Mathematics/Statistics (USA) [↗](#)
- Connexions** - A place to view and share educational material made of small knowledge chunks called modules that can be organized as courses, books, reports, etc. Anyone may view or contribute. (USA) [↗](#)
- NSDL: National Science Digital Library** - Nation's online library for education and research in Science, Technology, Engineering, Mathematics (USA) [↗](#)
- MIT Open Courseware** - A web-based publication of virtually all MIT course content. OCW is open and available to the world and is a permanent MIT activity. (USA) [↗](#)
- OCW Search** - OCW Search is a search engine dedicated to helping you find the best free university courses online. OCW Search is an independent search engine that indexes the courses universities make available under the OpenCourseWare initiative. (USA, Europe & Japan) [↗](#)
- OER Commons** - A place for you to find and share open educational resources. (USA) [↗](#)
- Orange Grove** - The Orange Grove is a online library of openly available instructional resources for Florida's educators. We support faculty in meeting a core value of education: to openly share one's knowledge with others. (USA) [↗](#)
- Wikipedia** - The free encyclopedia that anyone can edit. (USA) [Limited to 15 results] [↗](#)
- Google Books** - Find the perfect book for your purposes and discover new ones that interest you (USA) [↗](#)
- Scribd** - A social publishing site where tens of millions of people share original writings and documents (USA) [↗](#)
- SoftChalk Cloud** - SoftChalk Cloud is the fastest, easiest, most flexible way to create and manage e-learning content for delivery inside or outside of a LMS. Educators can create engaging, interactive, media-rich learning content that directly integrates with any LMS or website. (USA) [↗](#)
- SlideShare** - the world's largest community for sharing presentations (USA, India) [↗](#)
- Flickr** - Popular picture uploading and sharing site. (USA) [↗](#)
- YouTube** - Popular video uploading and sharing site. (USA) [↗](#)

GLOBE Partners:

- ARIADNE Foundation for the European Knowledge Pool** - Foundation for the European Knowledge pool (Europe) [↗](#)
- LORNET: Learning Object Repositories NETWORK** - Portals and services for knowledge management for learning in computer and cognitive sciences (Canada) [↗](#)
- OIJ: Open University of Japan (NIME)** A data retrieval service of e-learning courses and educational contents offered by higher education institutions (Japan) [↗](#)

Physics

- MERLOT Physics** - Physics materials in MERLOT [↗](#)

Add to the (MERLOT) Collection

Home > Add to Collection

CONTRIBUTE
MATERIAL



CREATE MATERIALS
WITH CONTENT
BUILDER



BROWSE ALL
MATERIALS



CREATE PERSONAL
COLLECTION



All You Need Are a Few Details

| Partner Benefits | **Add to Collection** | Create Materials | News & Info | About MERLOT

Contribute a Material

- Step 1 Title & URL
- Step 2 Description
- Step 3 Category
- Step 4 Author
- Step 5 Optional Information

Contributing a material to MERLOT is easy. Start here with the material's title and its location online.
Starred(*) fields are required

As a MERLOT Partner, you can add a URL link to MERLOT or upload a file for viewing by MERLOT partners only. To contribute a URL or file, click the appropriate option below, then enter the URL or locate the file and select to upload.

URL or File selector: URL Upload a File

* Title:

* URL: [test]

Mirror Site URL: [test]

Display Image URL: [test]
(100 x 100 pixels)

Partner Only:

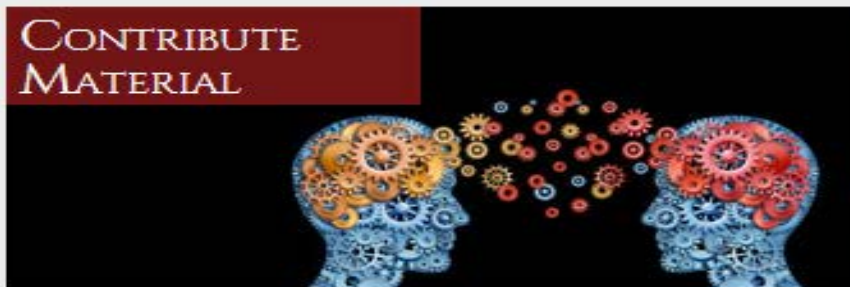
Cancel Next

Content Builder Overview

- Carnegie Foundation KEEP Toolkit
- Quick and easy way to create [hosted] learning materials
- A way to ensure pedagogical context and wrap it around/develop a learning material
- Take content and create curriculum in a web page
- Provide instructional value to a learning material
- A place to [reliably] store learning materials

How To Access the Content Builder

Home > Add to Collection



Templates for Authoring

◀ ▶ ▲ ▼
Add Box
Delete Box
Edit Box

Why use this mobile app?

Please use this section to briefly describe what motivated you to use this mobile app in your teaching and your students' learning. For example, you may want to discuss a particular learning problem that your students face, or difficulty in teaching a particular concept that is hard for students to visualize.

Why "being mobile" leads to better learning?

Describe why the mobile features of this online resource are important for students learning. Is it very important to bring the learning resource out of the classroom into the students' environment where students can align their learning with the environment in which they are living? Is the flexibility of using the resource at the students' convenience key? Are the different ways students can use the touch screen and interact with the learning resource more engaging for students learning?

Be sure this section reflects your experiences and your voice. This is a first person story.

◀ ▶ ▲ ▼
Add Box
Delete Box
Edit Box



Learning Outcomes and Activities

Describe how you use the resource with your students. If it is a part of a larger assignment, describe the assignment and other resources that are necessary. It is important to explain how the learning app aligns with the curriculum goals of your

◀ ▶ ▲ ▼
Add Box
Delete Box
Edit Box

Student Reactions to Learning with Mobile Apps

Describe what your students say or how they responded to using the mobile app. Their reactions can include responses to the subject matter as well as the mobility of the learning. Feel free to include student quotes. The key is to try and capture the students' voices.

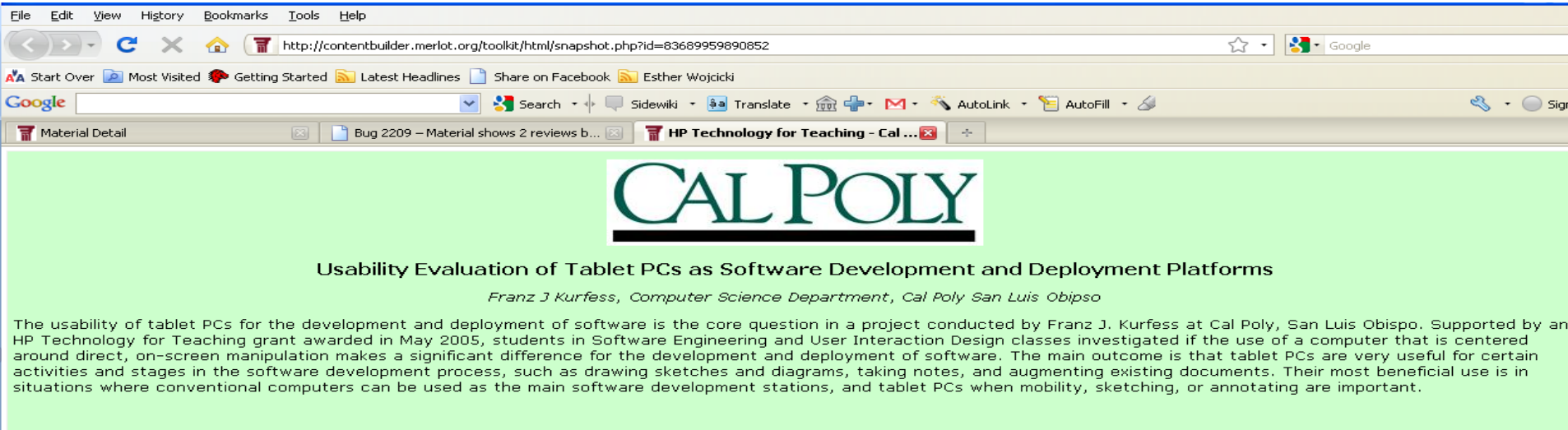
You can have your students write comments about their learning with the mobile app in MERLOT. Students need to become members of MERLOT (it's free and easy) and then they can add their own reflections. You can add the link to the students' comments about the mobile app here. Just click on the "Edit Files/Links" button below.

[Edit Files/Links](#)

◀ ▶ ▲ ▼
Add Box
Delete Box
Edit Box

Impact of Use on Teaching and Learning

Sample Completed Web Page



The screenshot shows a web browser window with the following elements:

- Address bar: <http://contentbuilder.merlot.org/toolkit/html/snapshot.php?id=83689959890852>
- Navigation icons: Back, Forward, Home, Reload, Stop, Print, Search, etc.
- Search bar: Google search engine.
- Bookmarks: Start Over, Most Visited, Getting Started, Latest Headlines, Share on Facebook, Esther Wojcicki.
- Language and utility tools: Search, Sidewiki, Translate, AutoLink, AutoFill.
- Open tabs: Material Detail, Bug 2209 - Material shows 2 reviews b..., HP Technology for Teaching - Cal...
- Page content: A green header with the **CAL POLY** logo, followed by the title "Usability Evaluation of Tablet PCs as Software Development and Deployment Platforms" and the author "Franz J Kurfess, Computer Science Department, Cal Poly San Luis Obispo".
- Text: A paragraph describing the project's focus on the usability of tablet PCs for software development and deployment.

Rationale

Our initial assumption that the use of tablet PCs will be beneficial for students and instructors has been confirmed. Informal observations, focus groups, and questionnaires identified the following as the most important benefits:

- Tablet PCs are excellent tools for certain activities critical in the development of software specifically, and of products where computers are used during the design and development stages in general. Tablet PCs enable developers and others to be very mobile, which can be critical in situations like the acquisition of requirements from users. Their pen-based direct manipulation interface works very well for drawing, sketching, and annotation, making it very convenient to generate documents directly during meetings, or work sessions. These documents can be shared easily, and often can serve as the basis for more detailed and refined work.
- The different interaction paradigm makes students reconsider many of their assumptions about the design and implementation of computer-based systems. Since they actually work with a device based on this new paradigm, students do not only know about it, but have actual practical experience with it. In addition, they acquire a wider perspective on the design of user interfaces, which otherwise is often implicitly dominated by the conventional, mouse and keyboard-oriented methods.
- Some activities during the design, development, and implementation phases can be performed more naturally with a tablet PC (precise direct manipulation of objects). This is especially beneficial when drawings and sketches are essential techniques, such as during discussions with users or other developers, or in the early stages of trying out



Cal Poly CSC Students Ben Weber and Jennie Taylor (photo by Brett Reidus)

And There's Still So
Much More to MERLOT...

Mobile Search Apps

- MERLOT OER Search apps for iOS, Android, and BB devices.
 - Locate materials on the go.
 - Search all of MERLOT or a narrow search of Open options - Journals, textbooks or Courses.

MERLOT OER Search
By MERLOT

Open iTunes to buy and download apps.

Description
MERLOT OER Search provides easy-to-use access to the MERLOT database of 35,000+ higher education Open Education Resources (OER). MERLOT's collection has been curated by subject matter experts, many with comments provided by members who have used them, often with learning exercises attached for use in the classroom. Just enter

Screenshots

MERLOT OER Search
Enter and select your search criteria and press Search

Search Results
Search Terms: Dna
Disciplines: All
Material Types: All MERLOT
Results: 294

Title: DNA from the Beginning
Author: Cold Spring Harbor Laboratory
Material Type: Simulation
Last Updated in MERLOT: Mar 01, 2012

Title: DNA Structure
Author: Eric Martz
Material Type: Tutorial
Last Updated in MERLOT: Feb 06, 2012

Title: DNA Structure 1.0

MERLOT OER Search
MERLOT

Install

MERLOT OER Search
Enter and select your search criteria and press Search

Select disciplines to search: All

Select material types to search: All Open Education Resources, Open Course, Open Journal-Article, Open Textbook, All MERLOT

Search Results
Search Terms: All
Disciplines: All
Material Types: All Open Education Resources
Results: 294

Title: DNA from the Beginning
Author: Cold Spring Harbor Laboratory
Material Type: Simulation
Last Updated in MERLOT: Jun 29, 2012

Title: The Virtual Transgenic Fly Lab
Author: James Nease
Material Type: Tutorial
Last Updated in MERLOT: Jun 22, 2012

Title: Biological animations and labors
Author: Unknown, Inc
Material Type: Animation
Last Updated in MERLOT: May 20, 2012

Title: Decoding white - A lesson on white noise
Author: Larry Rasmussen
Material Type: Case Study
Last Updated in MERLOT: Jan 18, 2011

Title: Nuclear Contents: DNA and Proteins
Author: OpenStax
Material Type: OpenStax
Last Updated in MERLOT: Jun 29, 2012

Jul 12, 2012
340KB

Be the first to +1 this.

DESCRIPTION
MERLOT OER Search provides easy-to-use access to the MERLOT database of 35,000+ higher education Open Education Resources (OER). MERLOT's collection has been

MERLOT - Promoting and Enhancing Mobile Learning

[Visit Main MERLOT](#)

Welcome to MERLOT's Portal on Mobile Learning - with the tools, resources, and ideas you need to help develop, discover, and/or use mobile computing in your teaching and learning activities.

- [FIND mobile apps](#) that have educational uses in different disciplines
- [FIND information about mobile learning strategies](#) for institutions and individuals
- [LEARN how to leverage a wide range of MERLOT services](#) to support your mobile learning initiative or individual practices
- [USE MERLOT's Mobile Learning Flyer](#) to market these FREE service
- [USE "Teaching With Mobile Apps" template](#) with the FREE MERLOT Content Builder tool to capture and share your pedagogies for effectively using mobile apps in education. Begin with the [MERLOT Content Builder QUICK GUIDE](#) to get started.

MERLOT Mobile Apps are Here! MERLOT's own mobile apps are available for your iPads, iPhones, Android devices, and Blackberrys. [Learn more.](#)



The Tennessee Board of Regents – a Platinum Partner in MERLOT – is a national leader in mobile learning with their [Emerging Technologies and Mobilization Initiative](#). We are grateful to the Tennessee Board of Regents for their collaboration and support in establishing this portal and in discovering ways for putting educational innovations into practice.

If you have any questions, contact the [Editor](#) of the Mobile Learning Portal.

INSTITUTIONAL
STRATEGIES



FACULTY
DEVELOPMENT



MOBILE APP
COLLECTION



BEYOND MERLOT



SHOWCASE



MOBILE LEARNING

[Find Mobile Apps for Teaching](#)[Find Materials about Mobile Learning](#)[Find Members in Mobile Learning](#)[Contribute Mobile Apps to MERLOT](#)[Contribute Materials about Mobile Learning](#)[Visit the Journal of Online Learning and Teaching \(JOLT\)](#)

Web Services, LMS's and more...

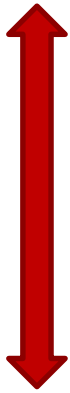


Access www.merlot.org directly

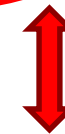
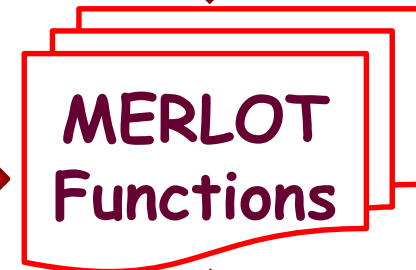


OR

Use MERLOT Web Services to access MERLOT functions via alternate website



The MERLOT System



Basic Search, Advanced Members and Material search, Register (forgot password/username), Contribute a Material, Member Comments, Personal Collections, Federated Search and Register in MERLOT

Integrating MERLOT's Web Services

MERLOT Web services are being used in LMS's such as Moodle, ANGEL, D2L & Blackboard



Participa de la Primera Comunidad de Habla Hispana de MERLOT: Recursos Educativos Multimedia para el Aprendizaje y Enseñanza en Línea



"Una herramienta práctica para mejorar la calidad de la docencia y lograr un aprendizaje significativo "

MERLOT (Multimedia Educational Resources for Learning and Online Teaching) es una comunidad virtual abierta y gratuita destinada a promover en los profesionales, estudiantes y administrativos de la educación superior, el interés por compartir recursos de aprendizaje y experiencias en el uso de tecnología en procesos educativos.

Pertenecer a la comunidad MERLOT, le permitirá encontrar recursos multimedia de enseñanza y aprendizaje, revisados por expertos y/o recomendados por otros usuarios. Además, al incorporarse como miembro de MERLOT-CHILE, la primera comunidad en español de MERLOT, podrá compartir conocimientos y experiencias con educadores de todos los países de habla hispana.

En MERLOT encontrará materiales de aprendizaje de diversas disciplinas y áreas de enseñanza, de gran calidad y facilidad de uso, como por ejemplo: simulaciones, casos de uso, presentaciones, tutorías, cursos online, herramientas de evaluación, artículos de revistas especializadas de acceso libre y materiales de referencia aportados por docentes de las mejores instituciones educativas internacionales.

Todo esto para que usted pueda innovar gratuitamente y mejorar su desempeño en la sala de clase.

Una vez registrado como miembro, el usuario podrá contribuir con sus propios materiales, construyendo colecciones personales de recursos y desarrollando una red de contactos con profesionales de su especialidad en todo el mundo.

Le invitamos a explorar nuestro sitio y contribuir a mejorar la calidad del proceso enseñanza-aprendizaje del mundo hispano hablante.

MERLOT Communities

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Discipline Community Portal

Welcome to the **MERLOT Business Portal**, where we share:

- **Tips** for using technology to teach business courses
- **People** who participate in our community of educators
- **Learning Materials** that you can use in your classes
- **Beyond MERLOT** includes resources outside MERLOT that can help you as a faculty member
- **Showcase** features some of our award winning websites in the business discipline

You are welcome to use our resources but we urge you to [become a Member](#) to take maximum advantage of MERLOT.

MERLOT members are welcome to suggest content for this page in our business portal. Please send your ideas to the Business Portal Editor, Theresa Flaherty at flahertb@imu.edu.

BUSINESS

What's New In MERLOT

- [Browse Learning Materials](#)
- [Contribute Learning Materials](#)
- [Browse Members Directory](#)
- [Browse Virtual Speakers Bureau](#)
- [Visit the Journal of Online Learning and Teaching \(JOLT\)](#)

TEACHING



Tips for using technology to [teach business](#)

Modules for [Advanced Teaching Needs](#)

For general pedagogical Issues, visit the [MERLOT Pedagogy Portal](#). You will find materials organized by the Teaching Process: Learners and Learning, Course/Instructional Design, Teaching Strategies, Teaching Challenges, and Assessment.

PEOPLE



Get involved with the [people in MERLOT business](#)

You can become involved as a:

- [Peer Reviewer](#)
- [Submitter of Materials](#)
- [Author of Materials](#)
- [Presenter at MERLOT International Conference \(MIC\)](#)
- [Virtual Speakers Bureau Member](#)

Meet the Members of

LEARNING MATERIALS



Find [learning materials](#) for your classes in the following business categories:

- [Accounting \(332\)](#)
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- [International Business \(444\)](#)
- [Management \(668\)](#)
- [MIS \(213\)](#)
- [Marketing \(496\)](#)
- [Professional Coaching \(89\)](#)

Make sure you check to see the sub-categories also.

BEYOND MERLOT



Find valuable resources [valuable resources beyond MERLOT](#) that will help you in your business teaching career.

[Professional Organizations](#)

[Business Education Journals](#)

[Discussion Forums](#)

[Teaching Resources](#)

[Calls for Papers](#)

SHOWCASE



[Showcase](#) features award winning business modules.

2008 Business Classic Award - "[E-Business Ethics Case Study](#)" by [Terry Morris](#), Harper College.

The 2008 [Volunteer of the Year](#) is awarded to [Ingrid Ulstad](#) from the University of Wisconsin - Eau Claire.

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Welcome to Affordable Learning Solutions



The CSU's Affordable Learning Solutions Campaign is designed to enable faculty to choose and provide quality educational content that is more affordable for their students. CSU students typically pay over \$800 per year for their books. By reducing their expenses, we believe we can provide better access to a quality CSU learning experience. We are launching this campaign in 2010 and will be continuously improving the services to CSU faculty and students each semester.

The Affordable Learning Solutions website is designed to:

- Make it easy for faculty, staff, and students to find no/low cost course content that can substitute for more costly textbooks
- Enable faculty to be recognized for their efforts in reducing costs for students



New Digital Biology Textbook to Cost CSU Students Just \$49

As part of a three-year partnership Nature Publishing Group (NPG), publisher of the world's leading scientific journal Nature, CSU faculty guided and advised the development of NPG's *Principles of Biology* – the first in a series of interactive "born digital" textbooks. The text will be incorporated into courses for students at the Los Angeles, Northridge and Chico campuses starting in the 2011/2012 academic year.

[Learn more about the *Principles of Biology* digital textbook](#)

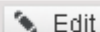


Putting Educational Innovations into Practice

<http://voices.merlot.org>

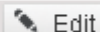
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Visit MERLOT's web site



To visit MERLOT and find valuable learning materials, go to <http://www.merlot.org/merlot/index.htm>.

Badge



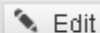
I'm a member of:
MERLOT Voices

You have been invited to join MERLOT Voices – the place to meet, discuss and talk with others about teaching...



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Birthdays Tomorrow



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Welcome to MERLOT Voices



Voices is MERLOT's new community networking site. To participate in Voices discussions and forums, you must register on this site (even though you may already be registered at MERLOT).

MERLOT Voices enables you to collaborate with all MERLOT members, join and participate in community conversations, customize your own Voices page, and add videos related to online learning and teaching. You can also invite others to join and participate.

Joint Symposium Conference – CALL FOR PAPERS – Submit now



July 20-23 2010
San Jose, California

**EMERGING TECHNOLOGIES FOR
ONLINE LEARNING CONFERENCE**

A Joint Symposium of Sloan Consortium
and MERLOT with MoodleMoot

Emerging Technologies for Online Education
A Joint Symposium of Sloan Consortium and MERLOT with MoodleMoot

July 20-23, 2010

Fairmont Hotel, San Jose, California, USA

Call for Papers for the Emerging Technologies for Online Learning Conference, which focuses on the technologies that drive online learning effectiveness. The Conference will continue to highlight research, applications and best practices of important emerging technological tools. We encourage submissions related to instruction, networking, assessment, open educational resources, new media and support services.

MERLOT

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Plan to attend the
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"22 Years of Selling
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Thing" t.co/eHSM2...
#et4online13701
3/27/13 11:35 AM

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Preach! Come Create
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#et4online03045
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Still time to register for
today's webinar from
AAEEBL: Enabling Deep

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Open Access – Continued and Revisited

April 3, 2014 by Sorel Reisman, MERLOT Managing Director

[To comment on this blog, click [here](#)]

Open Access – Continued and Revisited

In my previous [blog about OA](#), I was trying to be as succinct as possible, providing information about the topic – which, as I have noted before, should not be confused with Open Education Resources (OER). I was aware when I wrote the blog, that because the definitions of Green and Gold can be a bit “fuzzy” around the edges, that I might get responses regarding the simplified definitions that I had provided. Sure enough, I did receive a couple of personal and friendly emails, and the folks who sent them have kindly agreed to allow me to republish them verbatim, both rectifying and clarifying some of what I wrote. It’s thanks to our shared philosophies of “openness” that we can all benefit from the interplay of ideas, comments, and suggestions such as these to help us to build an increasingly strong, shared intellectual community.

1. From Seb Schmoller, Sheffield, UK

I picked up on <http://blog.merlot.org/author/sreisman/> because when I was CEO of the UK’s Association for Learning Technology I was responsible for transitioning our journal Research in Learning Technology (RLT) from

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Welcome to the MERLOT Blog. By commenting in this blog, you agree to the [MERLOT Acceptable Use Policy](#). We look forward to hearing what you have to say!

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JOLT: Journal of Learning and Online Teaching - jolt.merlot.org

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www.youtube.com/MERLOTplace



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Multimedia Educational Resources
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Understanding MERLOT

Get an overview of MERLOT or watch excerpts from a Sun Microsystems interview with Gerry Hanley, Executive Director of MERLOT in summer 2005.

MERLOT 2014 Conference

<http://sloanconsortium.org/conference/2014/et4online/welcome>

SLOAN-C 7th ANNUAL INTERNATIONAL SYMPOSIUM
Emerging Technologies for Online Learning

APRIL 9-11, 2014 • SHERATON DALLAS HOTEL • DALLAS, TX A JOINT SYMPOSIUM OF THE SLOAN CONSORTIUM AND MERLOT

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Questions and Discussion