

Knowledge-Able: Creating and Cultivating a Personal Learning Network (#PLN)



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CENTER FOR
RESEARCH ON
TEACHING
EXCELLENCE
AT UC MERCED

Who is the smartest person in the room?

Introduce yourself to a neighbor and work together to answer this question.

Session Outcomes

Participants will leave this session able to...



1. Articulate the **importance and role** of a PLN in 21st-century learning.
2. Identify **strategies and tools** to create and cultivate a PLN.
3. Design a PLN that fosters **growth and development**.

What is a PLN?

A personal learning network (PLN) is defined as connections between entities (e.g., knowledge sources, expertise, practitioners, groups, etc.) that contribute to one's growth in knowledge, experience, and/or performance.



The Data Measure Stick

understanding the data deluge: comparison of scale with physical objects

1 megabyte

(A large novel)



A tiny ant

x 1000

1 gigabyte

(Information in the human genome)



Height of a short person

x 1000

1 terabyte

(Annual world literature production)



Length of the Auckland Harbour Bridge

x 1000

1 petabyte

(All US academic research libraries)



Length of New Zealand

x 1000

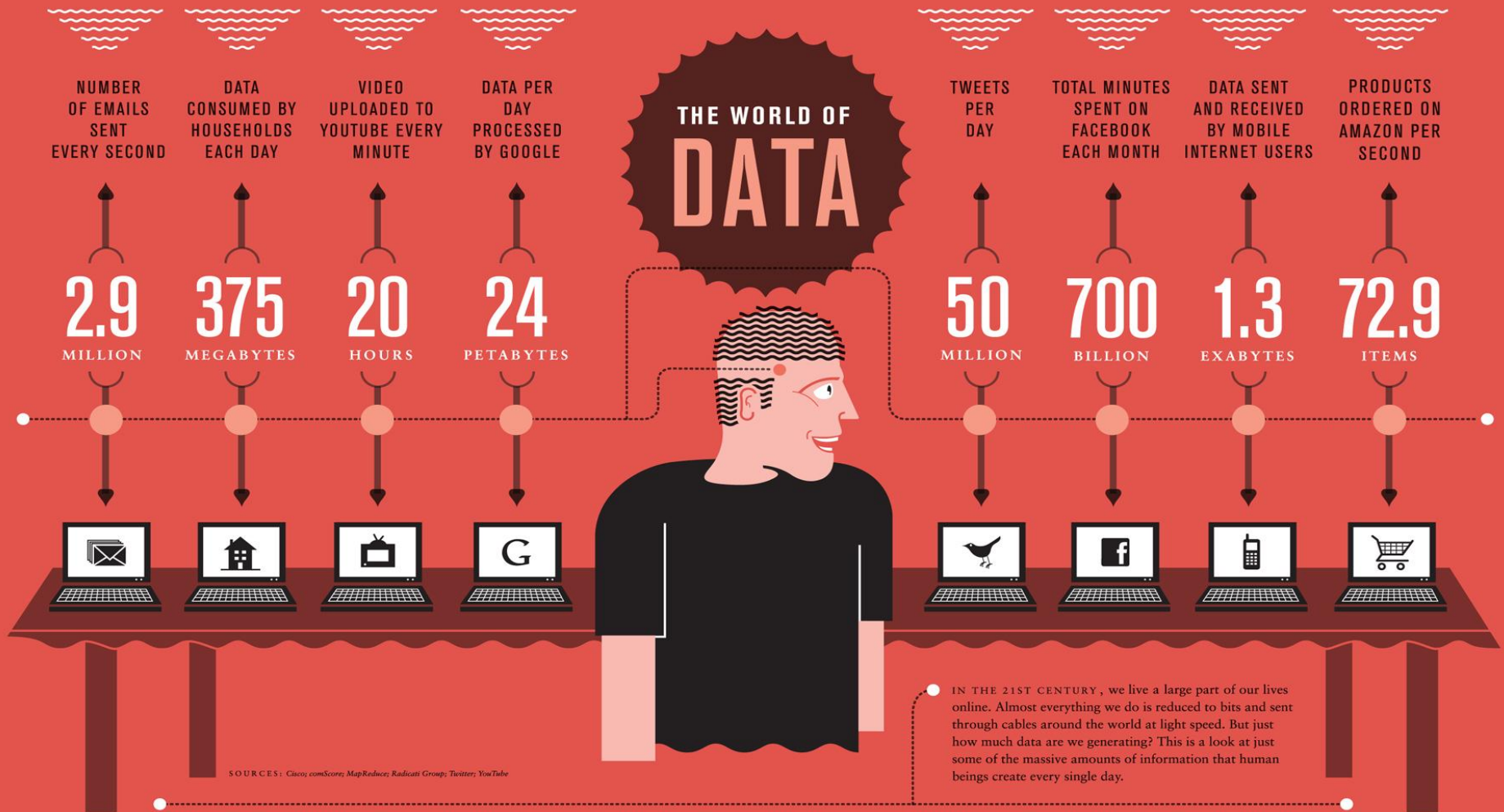
1 exabyte

(Two thirds of annual production of information)

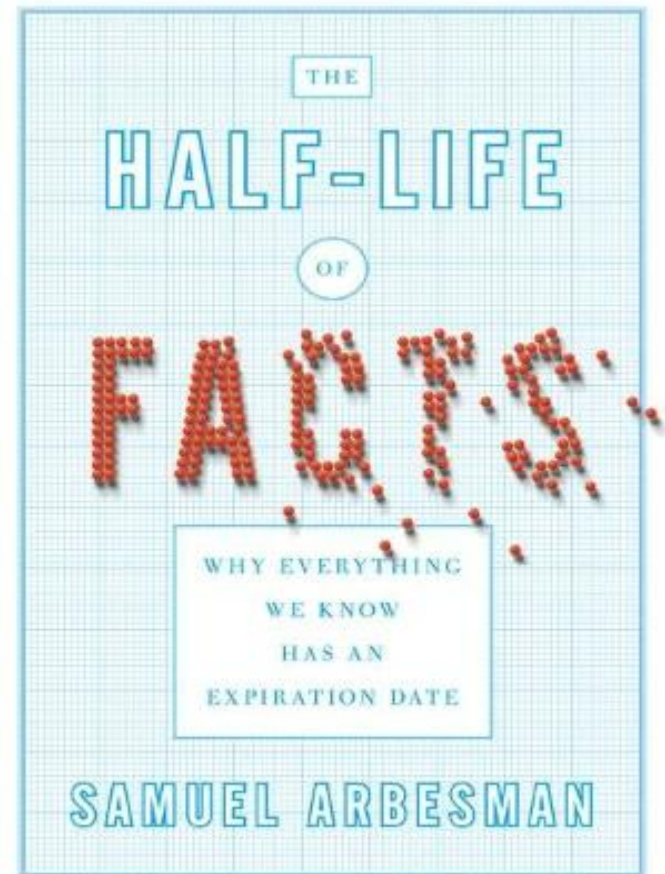


Diameter of the Sun

Data Created Everyday



Knowledge Obsolescence

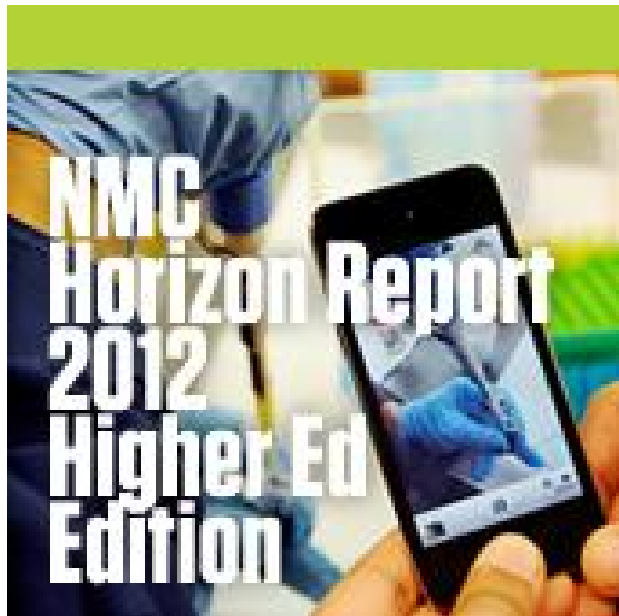


Learning is ubiquitous.

"We're headed toward ubiquitous computing, ubiquitous communication, ubiquitous information at unlimited speed about everything, everywhere, from anywhere on all kinds of devices...and that means that it's now ridiculously easy to connect, organize, share, collaborate, and publish with anybody to anybody in the world." - (*Wesch, 2011*)



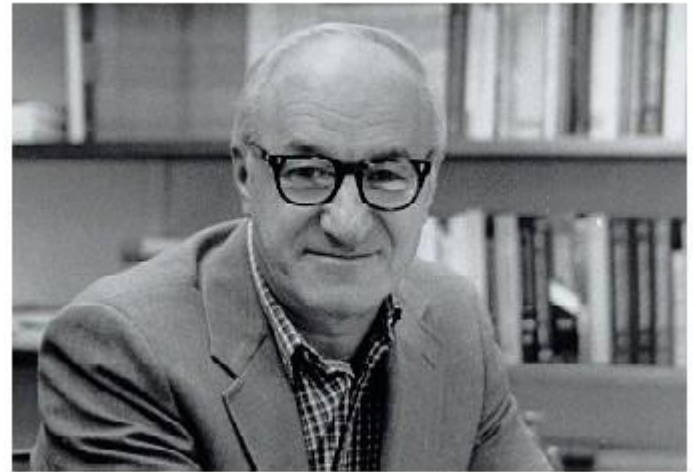
Learning is mobile.



"Mobile apps are the fastest growing dimension of the mobile space in higher education right now, with impacts on virtually every aspect of informal life, and increasingly, every discipline in the university." (*Johnson, Adams, and Cummins, 2012, p. 6*)

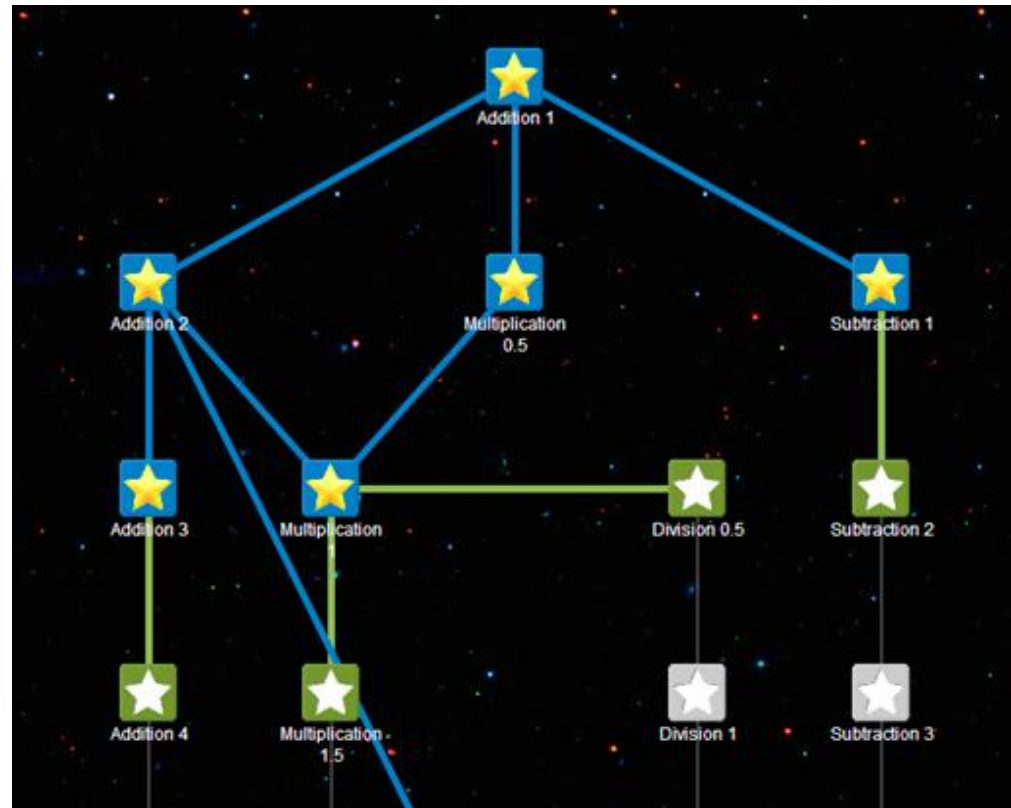
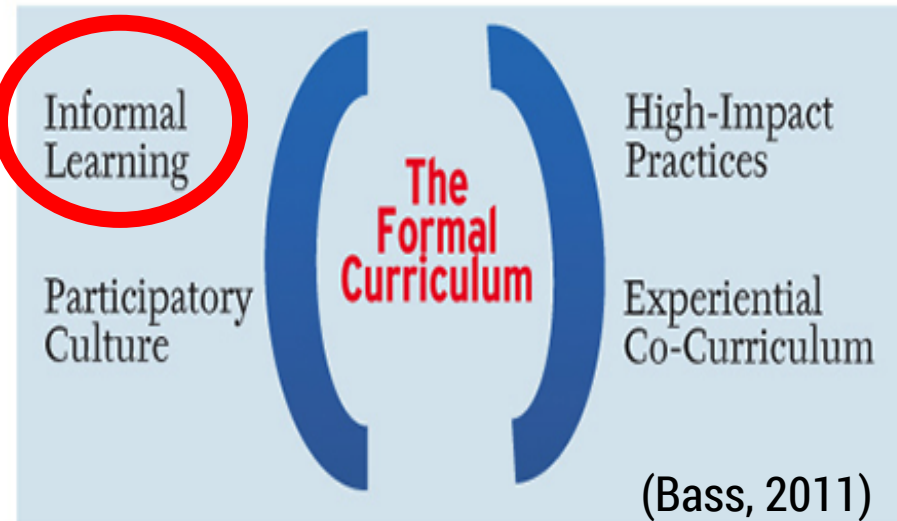
Learning is social.

"Most human behavior is learned observationally through modeling: from observing others one forms an idea of how new behaviors are performed, and on later occasions this coded information serves as a guide for action" (Bandura, 1997, p. 22)



Learning is personalized.

PRESSURES ON THE FORMAL CURRICULUM



How are you doing?

Comments, Questions, Insights

Mike's PLN

- **Listservs** - daily & weekly emails from professional organizations
- **Twitter** - personal & professional presence
- **Diigo, Learnist, & Mightybell** - bookmarking useful web resources
- **LinkedIn** - social networking and keeping current with field



Listservs

OLWeekly ~ April 5, 2013

 [Inbox](#) 



Stephen Downes <stephen@downes.ca>
to me 

oldaily
by Stephen Downes

Tuesday Live: Jay Cross on Informal Learning  [SoTL](#) 

OLWeekly

[\[HOME\]](#)



Classroom 2.0
to me 

by Stephen Downes
April 5, 2013

[Feature Article](#)
[Learning and the Massive Open Online](#)
Stephen Downes, April 4, 2013.

This is a set of notes taken from the ELI Or
bulk of the discussion is around describing (or
coursework (resulting in MOOCs that are ne
courses). April 3-4, 2013 Enclosure: [ELI_Se](#)



Join me Tuesday, March 19th, for a live and interactive [FutureofEducation.com](#)
That Inspire Innovation and Performance. If you are like me, you are going to *lo*
training focus to students in school.

Take, for example, Jay's "Why is this topic important?" blurb at in the "About Th
formal learning. Think about how it might read and what the implications would
Workers learn more in the coffee room than in the classroom. They discov
and simply working with people in the know. Formal learning--classes and
Corporations overinvest in formal training programs while neglecting nativ
conferences, organizational
more effective and less exp

Or recast this review of the bo
When you look back at your
formal training programs. Ac

success.

Might we say that these same realities "rarely get addressed"

See you online!

Steve

Steve Hargadon
<http://www.stevehargadon.com>

Date: Tuesday, March 19th, 2013
Time: 5pm Pacific / 8pm Eastern ([international times here](#))
Duration: 1 hour

POD Digest - 13 Apr 2013 to 14 Apr 2013 (#2013-118) 

[POD](#) 



POD automatic digest system [via ucmerced.edu](#)
to POD 

There are 9 messages totaling 3710 lines in this issue.

Topics of the day:

1. Frequency and number of reminders to students, to fill out online SRTs (3)
2. Avoiding having scores on SRTs be the first thing that's considered in T&P cases? (2)
3. New Issue of the International Journal of ePortfolio Available
4. Evaluations in P&T decisions (2)
5. Introversion among faculty support professionals (and IT staff)

This message was distributed on the POD mailing list. To subscribe, unsubscribe,
change your subscription options, or access list archives, visit
<http://listserv.nd.edu/archives/pod.html>

For information about the Professional and Organizational Development (POD) Network
in Higher Education visit <http://podnetwork.org>

Twitter

TweetDeck

Lists

Add Column

Columns

#edtech

2. Timeline @mtruong

Wired

@wired

1m

A #longreads suggestion: our package of stories, essays, and opinions about voice, speech tech and AI [wired.com/opinion/the-fu...](#)

Details

Eugene Cho

@EugeneCho

15m

In Washington DC for a short visit. Feels right to be here on this day to pay tribute. #MLK [instagram.com/p/xs3bVAYWY/](#)

Details

Oxfam International

retweeted

Calestous Juma

@calestous

32m

#China Development Bank is now the world's largest for overseas loans [bit.ly/XTMJUo](#)

Details

Max Lucado

retweeted

Lee Strobel

@LeeStrobel

3h

RT @KyleStrobel: The Atheist's Dilemma, how an atheist found God at Harvard: [ow.ly/jKRQ5](#)

Details

Barack Obama

@BarackObama

33m

We can't let Congress wait for the next tragedy to act to reduce gun violence. #DemandAction, [pic.twitter.com/nekRaSSMGj](#)

Details

Barack Obama

@BarackObama

33m

We can't let Congress wait for the next tragedy to act to reduce gun violence. #DemandAction, [pic.twitter.com/nekRaSSMGj](#)

Details

3. Tweets @amcollier

peaceful response

Conversation

Amy Collier

@amcollier

5h

My notes on why #Stanford is collaborating with edX. [stanford.edu/dept/vpol/cgi-...](#)

Details

Amy Collier

@amcollier

7h

@holden Hal! You and me both... twice... That's a scary thought.

Conversation

Amy Collier

@amcollier

7h

@joosten @laurapasquini I'll be arriving in Vegas Monday night, ~7:30pm, staying at PH. I'm looking forward to seeing you both. #et4online

Details

Amy Collier

@amcollier

7h

@joosten @opencontent Still pissed that OpenEd is at same time as POD this year. Maybe I can present with you via gHangout. It's so reliable

Conversation

Amy Collier

@amcollier

8h

@holden I am "SO" using that in my talk next month. "Don't MOOC - DROOL!"

Conversation

Amy Collier

@amcollier

21h

RT @PhilOnEdTech: New on e-Literate: Insight on MOOC student types from ELI Focus Session

Details

4. "#et4online" @mtruong

Jason Rhode

@jrhode

12m

#ed6030 Anyone attended a conference recently w/ a hashtag? I'll be attending & presenting at #et4online next week & #8bOnTour in May

Details

Apostolos K.

@koutropoulos

29m

Don't missed @dbeloved presentation at #et4online next week!

Details

MERLOT

@MERLOTorg

37m

#ELearning Training Convoys: [ow.ly/jdwvq](#) #et4online03013 #et4online

Details

Sandra Coswatt

@Sandra...

52m

Have you seen the EdSurge article on the #sloanc #et4online Emerg Tech Conf Launch Pad finalists? See: [bit.ly/14wpARr](#)

Details

MERLOT

@MERLOTorg

1h

"How to Ensure Academic Integrity in a #MOOC Environment" [ow.ly/jbldn](#) #et4online01863 #et4online

Details

Kathleen Ives, D.M.

@kives

1h

Don't miss this newly released WebPR article on #sloanc #et4online Emerg Tech Ed-tech Startups showcase@ [bit.ly/10f1TWA](#)

Details

5. "#educause" @mtruong

Grants Office, LLC

@GrantsO...

3h

#NGLC Breakthrough #School Models for #College Readiness #Grants apps due 4-22! #EDUCAUSE Contact @GrantsOffice for details! #K12 #HigherED

Details

Brian Carpenter

@geeknik

5h

3 reasons to meet @opendns at the #EDUCAUSE Security Professionals Conference [buff.ly/ZdBwGE](#)

Details

susangautsch

@susangautsch

1d

Cole Camplese I think we should demand these for the #educause leadership institute this summer... [fb.me/BGBsoU4p](#)

Details

Fred Miller

@red_miller

1d

Attending #EDUCAUSE ELI online focus session on #MOOCs. Very well paced. Interesting that there's almost no data on costs to provide MOOCs.

Details

Elena Sánchez

@ElenaSanch...

1d

Attending the ELI 2013 Online Conference "Learning and the Massive Open Online Course (MOOC)". Many interesting insights! #Educause #UIUC

Details

Karin Winters

@karinwinters

2d

6. "#moocs" @mtruong

ednak

@ednaks

27m

@EducationPortal Adds Free AP College Prep Courses for High School Students [ow.ly/L4ax](#) (Sharleen Nelson | @THE_Journal) #MOOCs

Details

Dr. Abouelenen

@Abouelenen

38m

The state of #MOOCs on Twitter [tweetedtimes.com/search/%23mooc](#)

Details

Jerome SIMON

retweeted

Ryan Tracey

@ryantracey

1h

10 hot tips for moocers [wp.me/pf1R0-2Gb](#) #edtech #elearning #moocs #edcmooc

Details

Jerome SIMON

retweeted

Colin Warren

@colwar

1h

RT @ryantracey 10 hot tips for moocers [wp.me/pf1R0-2Gb](#) #edtech #elearning #moocs #edcmooc <-useful advice #yam

Details

Nelson Piedra

@nopiedra

51m

@ChrisParrTHE: How open are #Moocs? Should they be called Mocs? More from @oer13: [ow.ly/1UzQHq](#) #oer #OCW

Details

Sérgio Lagoa

@sergiolagoa

1h

#MOOCs have the potential to

7. "#edtech" @mtruong

MathFileFolderGames

retweeted

Paulo Simões

@pgsimoes

57d

MathFileFolderGames.com Helps Middle-Schoolers Conquer Fractions [divr.it/2vhw5t](#) (@jasongaya) #elearning #edtech

Details

David Fife

@DavidFifeVP

1m

How Touch Technology Is Revolutionizing Education [zite.to/XTP8Vq](#) via @Zite #edtech

Details

AI Gsch

retweeted

CommonSenseEducators

@...

1d

Top 10 tools for launching a successful 1:1 iPad, tablet, or #BYOD program [ow.ly/jGAA2](#) #ipadchat #edtech

Details

Danielle Hartman

@daniell...

1m

More Sites Like - Alternative Sites- Find similar, alternative and related websites. [buff.ly/16A1KIP](#) #edtech

Details

StudySync

@studysync

2m

How teachers can best use education technology: [ow.ly/j9HK](#) #edtech #edchat #miearning #iPadEd

Details

Story Wheel

@storywheelapp

2m

#Teachers: Have you checked out Story Wheel? A great addition to your #edtech toolbox!

Diigo, Learnist, and Mightybell

Research, Share, Collaborate

diigo V5.0 beta

[My Library](#) [My Network](#) [My Groups](#) [Community](#)

[/ My Library / My Lists](#)

My Lists

Active Lists (12) **Archived Lists (0)**

E-Portfolio Article 8 items, 4 visits

Updated on 2011-07-25, Created on 2011-05-06

[Print](#) - [Archive](#) - [Publish](#) - [Edit](#) - [Delete](#) [Play as Webslides](#)

faculty development 5 items, 1 visits

Updated on 2012-10-29, Created on 2012-07-12

[Print](#) - [Archive](#) - [Publish](#) - [Edit](#) - [Delete](#) [Play as Webslides](#)

Mobile Apps 25 items, 3 visits

Updated about 4 hours ago, Created on 2011-05-07

[Print](#) - [Archive](#) - [Publish](#) - [Edit](#) - [Delete](#) [Play as Webslides](#)

Mobile Learning 23 items, 4 visits

Updated about 4 hours ago, Created on 2011-05-06

[Print](#) - [Archive](#) - [Publish](#) - [Edit](#) - [Delete](#) [Play as Webslides](#)

Online Learning 34 items, 4 visits

Updated about 4 hours ago, Created on 2011-05-06

[Print](#) - [Archive](#) - [Publish](#) - [Edit](#) - [Delete](#) [Play as Webslides](#)



Mike Truong [Twitter](#) [Facebook](#)

His beloved, husband, father, ed. technologist, the rest are details...

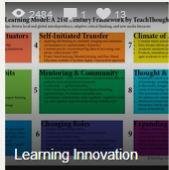
Boards (6) **Likes (2)** **Following (21)** **Progress (0)**

Following 3
Followers 43

[Invite Facebook Friends](#)
[Invite Via Gmail](#)

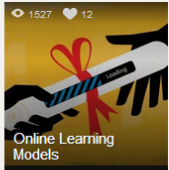
Interests

- ☒ education
- ☒ social media
- ☒ writing
- ☒ technology
- ☒ learning



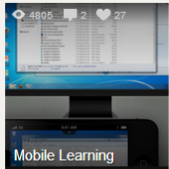
By Mike Truong

This board contains resources related to innovations in learning.

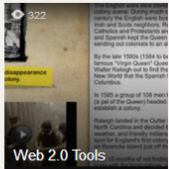


By Mike Truong

This board will explore various online educational models, including hybrid, online, and massive open online courses (MOOCs).



By Mike Truong



By Mike Truong

Welcome, Mike!

[Search your spaces](#)



Mightybell For Hosts

364 members · 45 posts
Latest activity 4 hours ago



Resumes Are Dead (Learning 2.0)

1031 members · 51 posts
Latest activity 9 days ago



Teaching & Learning with Technology

5 members · 11 posts
Latest activity 5 months ago



Project based learning

40 members · 5 posts
Latest activity 7 months ago



Introductory Numerical Analysis

2 members · 27 posts
Latest activity 2 days ago



Creating a Personal Learning Environment

1 member · 0 posts
Latest activity 12 days ago



Ink. // Volume 1// "Identity"

19 members · 36 posts
Latest activity 5 months ago

LinkedIn

LinkedIn

Account Type: Basic | Upgrade

Michael Truong

Add Connections

Home

Profile

Contacts

Groups

Jobs

Inbox

Companies

News

More

People

Search...

Advanced

I Googled You... - Unwanted search results? Clear them now. Guaranteed results.



Michael Truong

Associate Director, Center for Research on Teaching Excellence, UC Merced

Merced, California Area | Higher Education

Current

UC Merced, Journal of Applied Research in Higher Education, Multimedia Educational Resource for Learning and Online Teaching (MERLOT)

Previous

UC Merced, Glendale Community College

Education

University of California, San Diego

249 connections

www.linkedin.com/in/mitruong/

Contact Info

Activity

Share an update...

Michael Truong is now connected to Sandra Mora, Personnel and Finance Specialist at UC Merced
6 hours ago

Michael Truong joined the group UC Santa Cruz alumni (UCSC)
Join Group • 6 hours ago

People You May Know



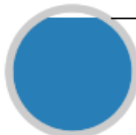
Celina Chun
Teaching Fellow at Citizen Schools
Connect

Who's Viewed Your Profile

5 Your profile has been viewed by 5 people in the past 7 days.

11 You have shown up in search results 11 times in the past 1 day.

Profile Strength



All-Star

Share your profile

A Practical Guide for Creating a PLN

Look at the handout and identify one or two things you can employ right now to either create or cultivate your PLN.

PLN & Good Practices in UE

Seven Principles for Good Practice in Undergraduate Education
By Arthur W. Chickering and Zelda F. Gamson

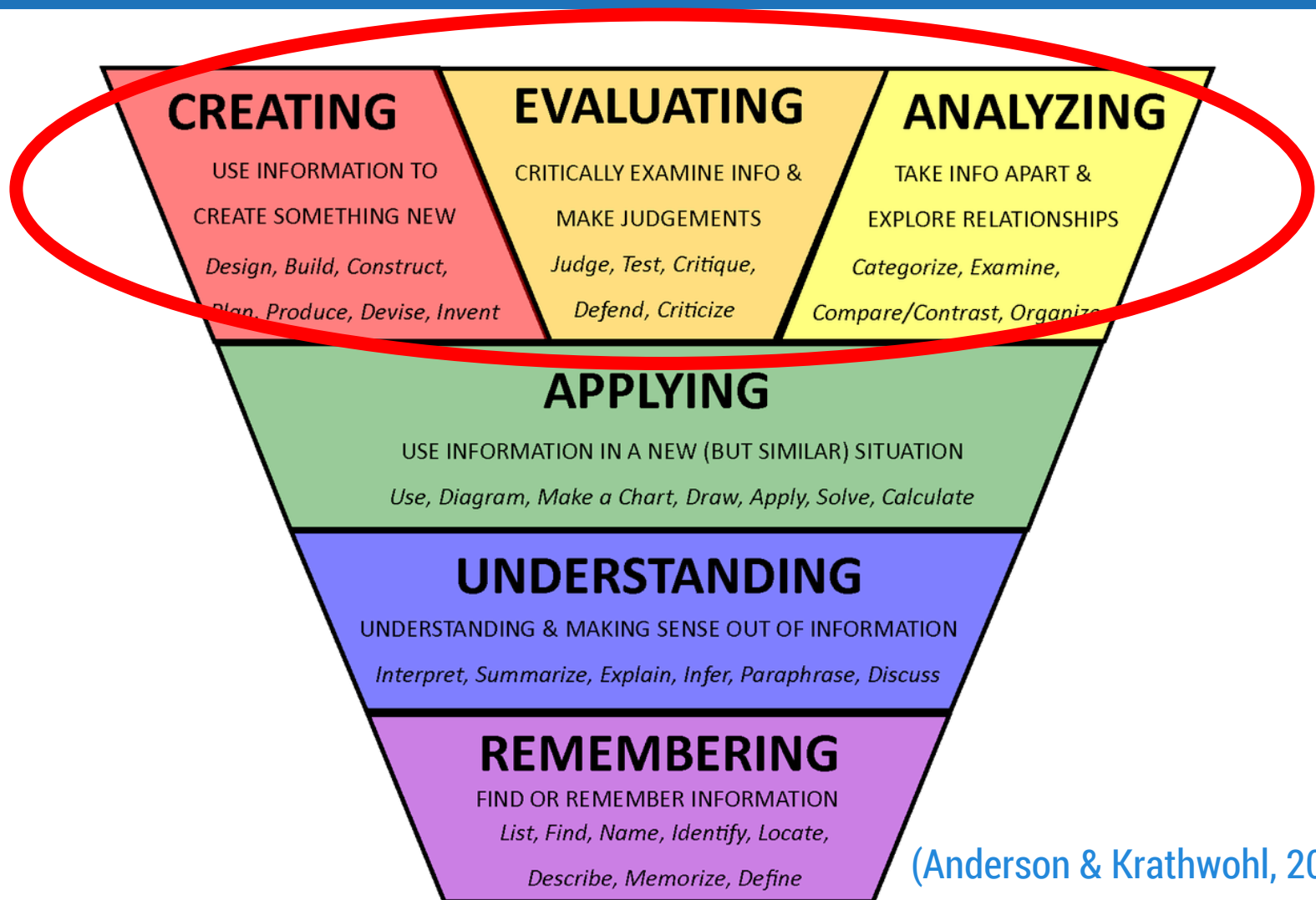
From the March 1987 *AAHE Bulletin*

Apathetic students, illiterate graduates, incompetent teaching on campuses -- so rolls the drumfire of criticism of higher education. More than two years of reports have spelled out the problems. Still, we are quick to respond by holding out carrots and beating with sticks.

There are neither enough carrots nor enough sticks to improve undergraduate education without the commitment and action

- Student-faculty contact
- Cooperation among students
- Active learning
- Time on task
- High expectations
- Diverse talents and ways of learning

PLN & Higher Order Thinking Skills



PLN & High-Impact Practices



- Faculty-student interactions
 - Learning communities
 - Collaborative learning
 - Experiential learning
- (Kuh, 2008)

Life without PLN



Life after a PLN



Links to Mike's PLN

Diigo - <https://www.diigo.com/user/mitruong>

Learnist - <http://learni.st/users/mitruong>

Mightybell - <https://mightybell.com/spaces/8e5285c41c85bdd2#>

LinkedIn - <http://www.linkedin.com/in/mitruong>

Twitter - <https://twitter.com/mtruong>

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- Wesch, M. (2011, July 26). From Knowledgeable to Knowledge-Able: New Learning Environments for New Media Environments. Keynote speech presented at the Campus Technology Conference, Boston, MA.

Most Important Take-Aways

In groups of 2 or 3, share one or two of the most important “take-away” you got from today's session. Designate a member of your group to be prepared to share with entire audience.