pollev.com/eli2017

POLLS

Digital Badging: Engaging Students and Transforming Higher Education

Veronica Diaz, PhD

vdiaz@educause.edu

@drvdiaz

Director, Online Programs, Associate Director, EDUCAUSE Learning Initiative EDUCAUSE

Image Source: Sasha Thackaberry 2017

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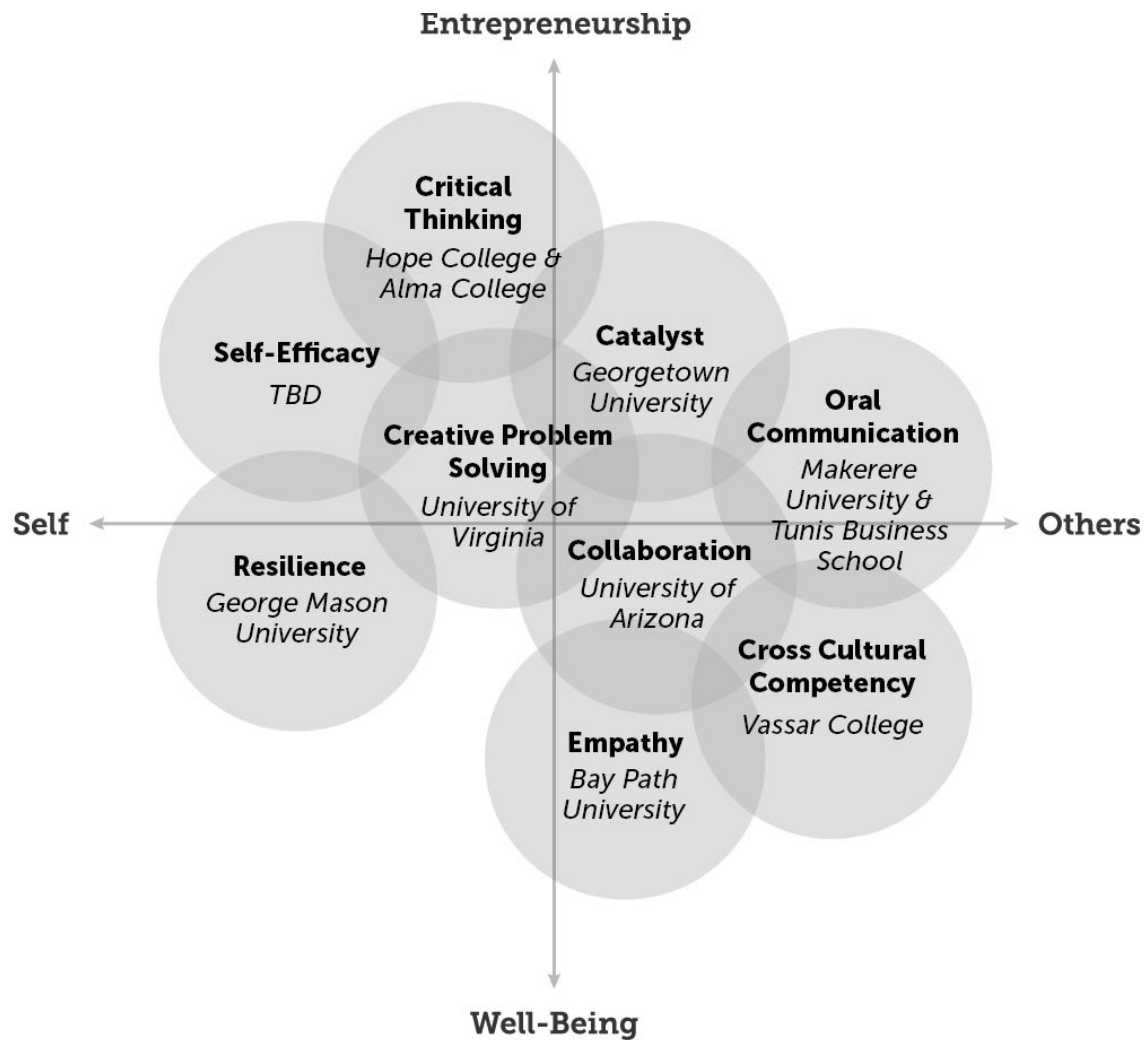or
Open poll in your web browser

Badging for
Learning and Development

- Public and progressive digital transcript

- Evidence for a lifelong learning cycle
  - **Formal** higher education work (courses, degree programs)
  - **Informal** higher education work (extra-curricular work, practicums, internships, service learning)
  - **Competencies and skills** (modular, CBE education)
  - **Subject matter expertise** (via HED or post formal education via employers, associations, etc.)

Badging Value Proposition

- New knowledge and competencies (hey, I'm progressing!)

- Developing and supporting your brand (may be a new-but exciting-concept for students)

- Enhances marketability/employability

- Provides evidence/detail of learning

- Enhances confidence in what you can DO

- Evidence of commitment and completion

- Validates specialized knowledge

- Salary increases

- Job transitions

Entrepreneurship

Critical Thinking
Hope College & Alma College

Self-Efficacy
TBD

Catalyst
Georgetown University

Oral Communication
Makerere University & Tunis Business School

Creative Problem Solving
University of Virginia

Self ← → Others

Resilience
George Mason University

Collaboration
University of Arizona

Cross Cultural Competency
Vassar College

Empathy
Bay Path University

Well-Being

From Degree-Based Hiring to Competency-Based Hiring

PBS News Hour: https://www.youtube.com/watch?v=KGdHNtLlcrg

SAMPLE BADGE CONSTELLATION

Community Service

Communications

Leadership Development & Awards

Subject Matter Expertise Development

Mastery/Cumulative Badges

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Badging 101: Unpack a Badge

Credly Profile

Badges Earned & Publicly Displayed

Badging 101: Unpack a Badge

Graphic & Title

Online Presenter 2016

Veronica received Credit!

Share on [f] [t] [in] [M]

Criteria

Evidence

Badge Details

Title
EDUCAUSE Online Presenter 2016

Description
This badge acknowledges those who presented an EDUCAUSE Live! Webinar. These webinars are a series of free, hour-long interactive online offerings on critical information technology and related topics that highlight the best thinking and expertise in the field. They often attract hundreds of viewers from the various segments of the higher education community and offer best practices and thought leadership.

Criteria
Individuals who received this badge were selected to present a webinar from among an international cohort of experts. EDUCAUSE Live! webinars span key higher education topics: advancing the academic mission (teaching and learning), analytics, business intelligence and data management for planning, digital scholarship, libraries, publishing, curation, and open access, enterprise service delivery, leading and partnering strategically across the academy, risk management and other topics.

Issue Date
04/16/16

Evidence
View evidence

Issuer Details

Issuer
EDUCAUSE PRO

Issuer

Description

Badging 101: Unpack a Badge

Testimonial… A Personal Thank You

Here's what **EDUCAUSE** said:

EDUCAUSE
UNCOMMON THINKING
FOR THE COMMON GOOD

Veronica Diaz presented "Guiding Academic Transformation: The NMC Horizon Report and the ELI Key Issues in Teaching and Learning" as a 2016 EDUCAUSE Live! webinar to an international community audience. Thank you, Veronica for sharing your work and innovations with the higher education community.

Badging 101: Unpack a Badge

Created (249)

+ New Badge

ALL   REQUESTS   GIVEN   REPORTS   RECIPIENTS

Badge Report Summary

badges
created
249

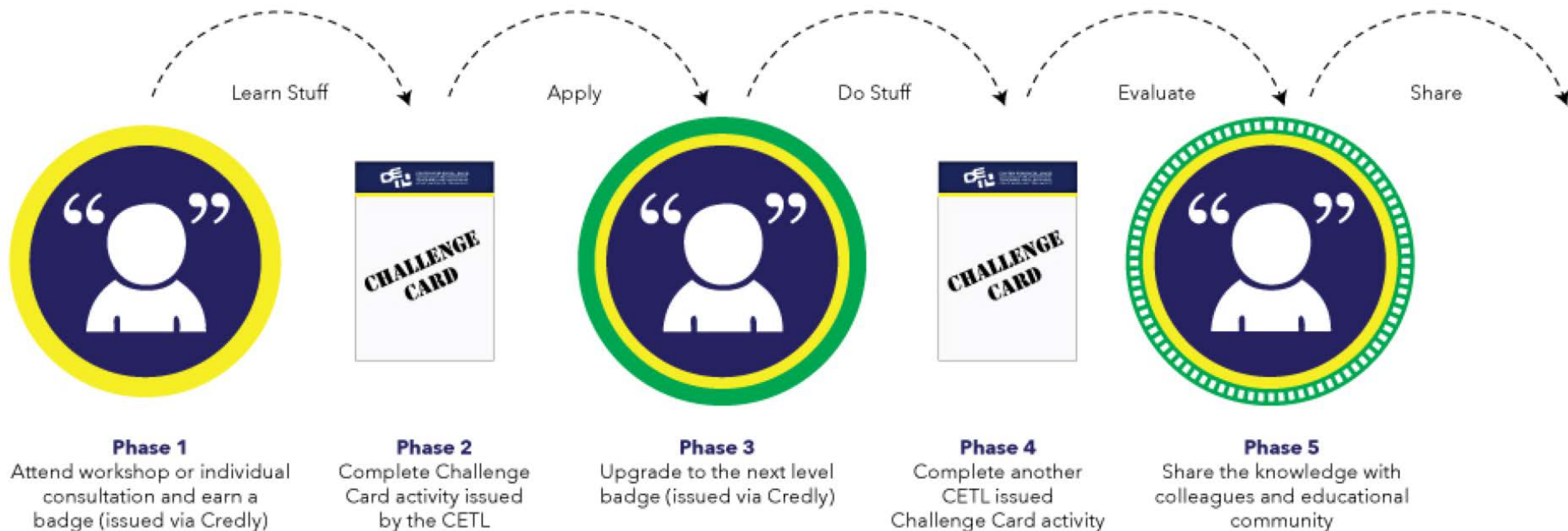total
issued
8,656

badge
activity
855.6k
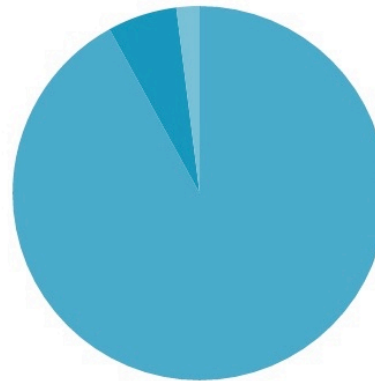
6% Facebook

92% LinkedIn

2% Twitter

DIGITAL BADGING EXAMPLES

Texas Wesleyan University

Learn Stuff   Apply   Do Stuff   Evaluate   Share

Phase 1
Attend workshop or individual consultation and earn a badge (issued via Credly)

Phase 2
Complete Challenge Card activity issued by the CETL

Phase 3
Upgrade to the next level badge (issued via Credly)

Phase 4
Complete another CETL issued Challenge Card activity

Phase 5
Share the knowledge with colleagues and educational community

Source: http://www.txwescetl.com/badges-2-0/

MOBILE LAND

SOCIAL MEDIA LAND

YOU ARE HERE

MEDIA CREATION LAND

HIGH ENGAGEMENT LAND

LMS LAND

DIGITAL LITERACY LAND

COURSE DESIGN LAND

Educational Design & Technology

21 Required Credits

Course Number	Course Title	
EDT 970	Integrating Technology in the Classroom	
EDT 889	Applying Technology in Content Areas	
EDT 908	Critical Issues in Educational Technology	
EDT 892	Instructional Design	
EDT 893	Theories of Learning and Design	
EDT 885	Research in Educational Technology	
EDT 927	Portfolio I	
EDT 928	Portfolio II	
EDT 929	Portfolio III	

Select One of the Following

EDT 890	Thesis Completion Seminar	3
EDT 895	Capstone Project	3

Electives - Select 12 Credits. Other Electives as Approved by Program

- Project-based Learning
- Game-based Learning
- Evaluating Tools and Technologies
- Service Learning with Technology
- Digital Literacy
- Careers in Educational Design and Technology
- Building a Personal Learning Network
- Mind-Brain Education
- Technology, Culture and The Human Experience
- Collaborative Learning
- Integrating Technology Models
- Learning Experience Design Foun...
- Social Media for Teaching and Lea...
- Internet Safety and Online Identit...
- Foundations of Educational Desig...
- Data Versus Trend-based Decisio...

CONCORDIA UNIVERSITY
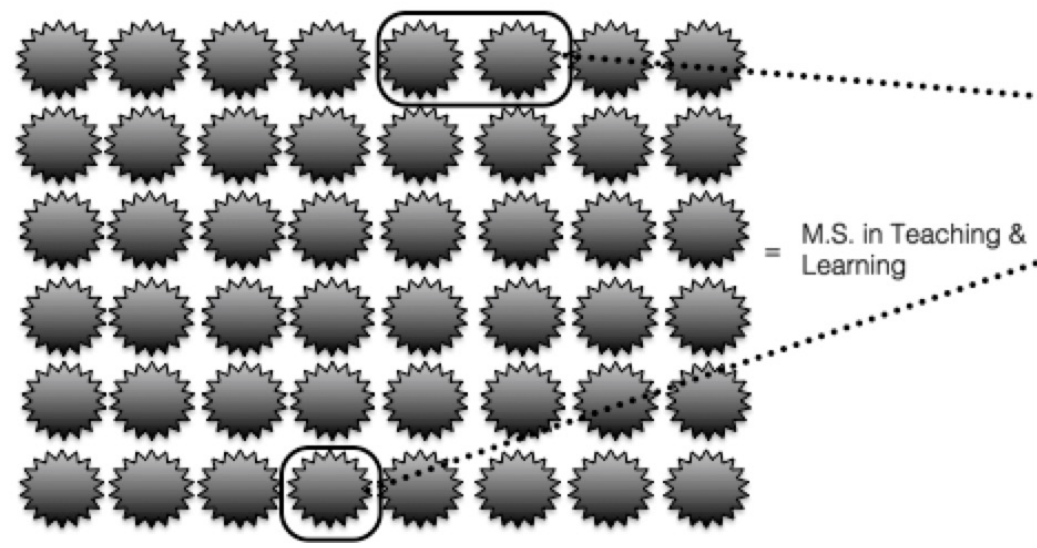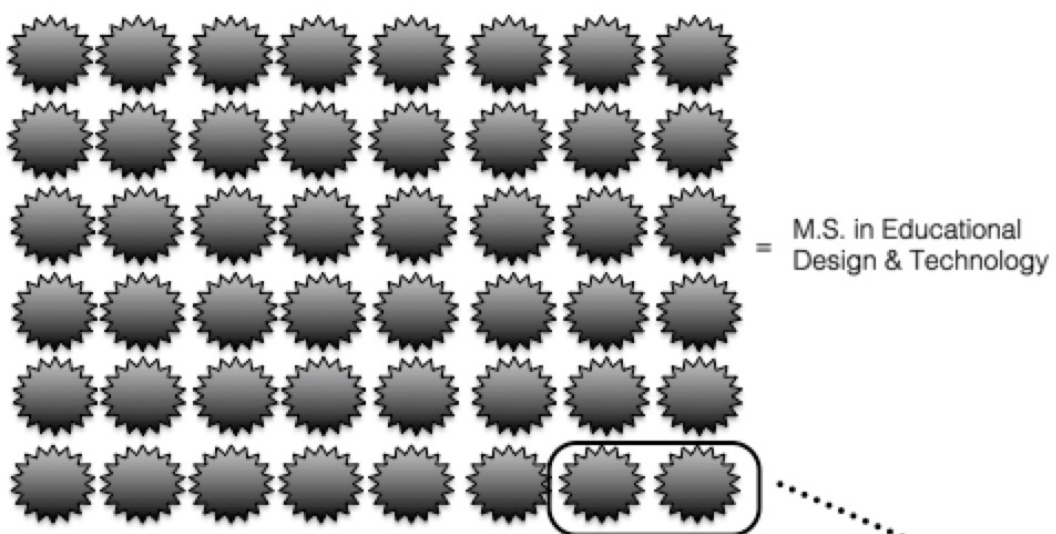ONLINE • WI • MI • CENTERS

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Educational Design & Technology
Online Master of Science in Education

Competency Based Digital Badges

= M.S. in Educational Design & Technology

= M.S. in Teaching & Learning

Graduate Certificate in Assessment Strategies

Sample Course - 3 Credits

Digital Storytelling	Flipped Classroom	Strategies for Interactive Lecture	Learning Experience Design Essentials
Project-based Learning	Digital Discussion-based Learning	Gamification & Game-based Learning	Inquiry-based Learning
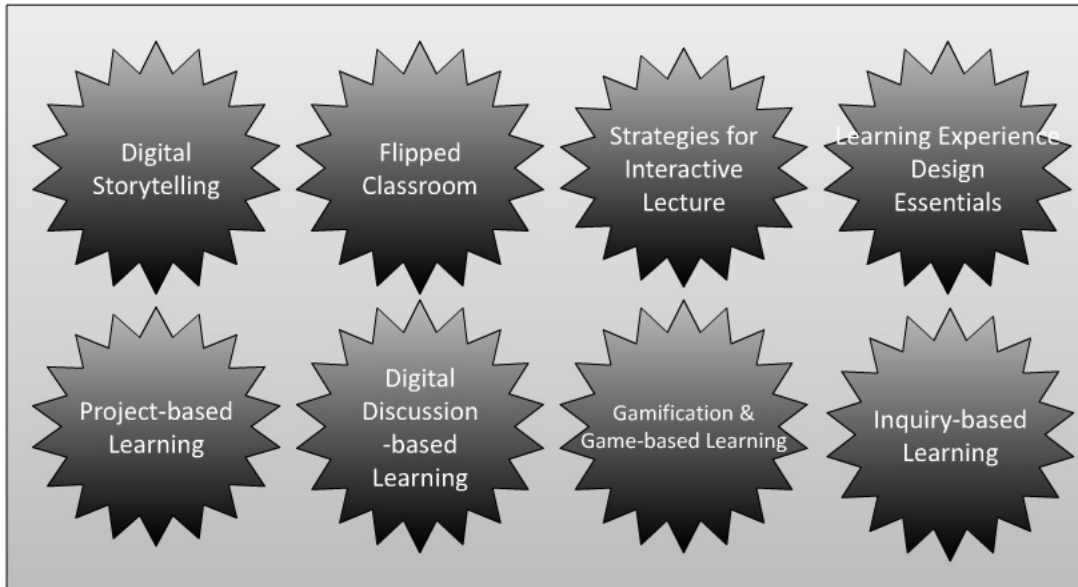
- No grades in program, all artifact based
- Each course has 5-8 competencies that are valued by learner and employer and badgeable
- 70+ digital badges, one for each learning objective
- Badges difficult to attain, mastery learning approach, had to meet 100% of criteria to earn badge

What is a Mic

Developed to adv

Master's program

MicroMasters pro

courses recognize

relevancy, and ma

Artificial Intelligence

Earn a MicroMasters Credential in Artificial Intelligence from Columbia University to launch your career in computer science and design the future.

Start the MicroMasters Program

| View Courses | Meet the Instructors | The MicroMasters Program |

MicroMasters A series of credit-eligible courses recognized by industry.

Gain expertise in one of the most fascinating and fastest growing areas of computer science through an innovative online program that covers fascinating and compelling topics in the field of Artificial Intelligence and its applications. This MicroMasters Program from Columbia

⊕ See more

Job Outlook

- Though Artificial Intelligence is one of the fastest-growing areas for high-tech professionals, there are too few qualified engineers, according to a recent Kiplinger report.
- Robotics and artificial intelligence will impact wide segments of daily life by 2025, with huge implications for a range of industries such as health care, transport and logistics, customer service, and home maintenance. (Pew Internet)
- The need for AI specialists exists in just about every field as companies seek to give computers the ability to think, learn, and adapt. (IEEE)
- Exciting and rewarding career opportunities as a Machine Learning Software Engineer, Deep Learning Specialist, Data Scientist, Automation Engineer, 3D Artist, Computer Vision Engineer, and many more!

Real Career Impact

"GE highly values professionals with proficiency in artificial intelligence and machine learning. For me, a candidate credentialed through edX MicroMasters course in Artificial Intelligence would have a marked advantage."

— Michael Idelchik , Vice President of Advanced Technology Programs, GE

What You'll Learn:

- Solid understanding of the guiding principles of AI.

⏱ Average Length:	12 weeks per course
⏲ Effort:	8-10 hours per week, per course
📖 Number Of Courses:	4 Courses in Program
🎓 Subject:	Engineering, Computer Science, Physics
🏛 Institution:	Columbia University
🏛 Institution Offering Credit:	Columbia University
💬 Language:	English
🎞 Video Transcripts:	English
🏷 Price (USD):	Free to try or pursue the MicroMasters credential for $1200

What is a MicroMasters Program?

Developed to advance a career and born from Master's programs of leading universities, MicroMasters programs are a series of higher-level courses recognized by companies for real job relevancy, and may accelerate a

Tech Fellows Badge Constellation

These badges, designed around histori
your 2 years in the Technology Fellows
have to provide evidence by posting pr
blog with the tag "evidence". Official ba
Tracking is done at techfellows.uaa.ala

1st Year: Development & Exploration

Tech Fellow Prodigy

Description: Tech Fellow Prodigies meet all of the Year-one challenges head-on and prove their commitment to their own exploration of learning and those of their peers.

Criteria: Tech Fellows who earn at least 6 of the 8 badges from the year-one challenges earn this prestigious accolade. *Tech Fellows must reach this goal in order to receive other incentives offered by the program.*

Conspirator

Description: Tech Fellow Conspirators actively initiate and collaborate with their mentors on a regular basis, and share their experience with their peers.

Criteria: Tech Fellows who earn this badge initiate and meet with their mentor at least 3x per semester in year one, and post a reflection or update on progress in the Tech Fellows blog with the tag "conspirator" and "evidence".
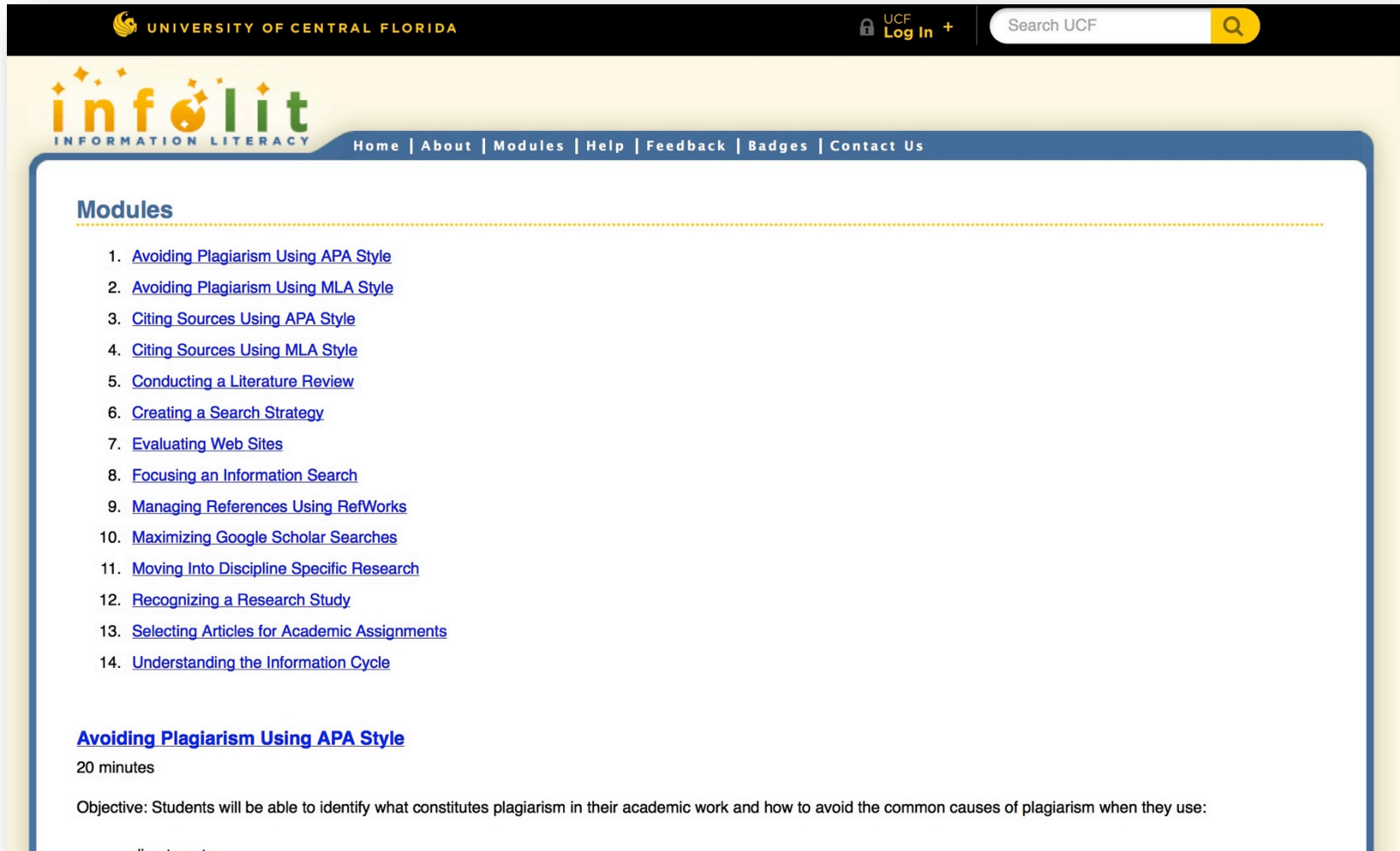
Author

Description: Tech Fellow Authors actively share teaching resources and learning experiences in their online professional learning network for others to explore.

Criteria: Tech Fellows who earn this badge actively share resources and experiences on the Tech Fellows Blog or in the UAA Academic Commons. They post at least 2x/month and keep their Tech Fellow Bio page updated.

UCF InfoLit Program

http://infolit.ucf.edu/faculty/badges/ and http://infolit.ucf.edu/students/modules/

infolit
INFORMATION LITERACY

Home | About | Modules

Modules

1. Avoiding Plagiarism Using APA Style
2. Avoiding Plagiarism Using MLA Style
3. Citing Sources Using APA Style
4. Citing Sources Using MLA Style
5. Conducting a Literature Review
6. Creating a Search Strategy
7. Evaluating Web Sites
8. Focusing an Information Search
9. Managing References Using RefWorks
10. Maximizing Google Scholar Searches
11. Moving Into Discipline Specific Research
12. Recognizing a Research Study
13. Selecting Articles for Academic Assignments
14. Understanding the Information Cycle

Avoiding Plagiarism Using APA Style

20 minutes

Objective: Students will be able to identify what constitutes plagiarism i

direct quotes

After successfully completing UCF's **Information Literacy** Modules, you will receive one of the following digital badges.

Gather	Evaluate	Use
Creating a Search Strategy	Evaluating Websites	Avoiding Plagiarism using APA style
Focusing an Information Search	Selecting Articles for Academic Assignments	Avoiding Plagiarism using MLA style
Moving into Discipline Specific Research	Understanding the Information Cycle	Citing Sources using APA style
Conducting a Literature Review	Recognizing a Research Study	Citing Sources using MLA style
Maximizing Google Scholar Searches		Using RefWorks

The **Gather Information** badge is awarded for earning all of the above badges.

The **Evaluate Information** badge is awarded for earning all of the above badges.

The **Use Information** badge is awarded for earning three of the above badges.

You will receive the **Information Literacy** badge after you have earned the Gather, Evaluate and Use badges.

CIS Digital Badge Pilot – Fall 2014

If you or your children have ever participated in a Boy Scouts or Girl Scouts program, then you're probably already familiar with the idea of earning badges for learning a new skill or for participating in some sort of activity. Digital badges are very similar. Many educational institutions are using digital badges to recognize activities that are not part of the regular curriculum. For example, at the University of Alaska Anchorage, they have developed a program called EduPass ⬀ for faculty professional development. The University of Central Florida has a badge program for their student information literacy program ⬀.

Digital badges are portable and sharable and function a bit like an electronic portfolio. Badges can be displayed on a variety of platforms, including Credly ⬀, LinkedIn ⬀, Facebook ⬀, Twitter ⬀ and Mozilla Backpack ⬀. The Educational Technology Services Group (ETS) has accumulated a number of digital badges this year through attending various Educause and ELI events, as well as through completing an online MOOC on blended learning design. You can view Jeho Park ⬀ and Elizabeth Hodas ⬀' badges.

This Fall the ETS group will be launching a small pilot program students who attend our Scientific Computing and High Perform participating in the workshop, students will need to complete ta program outside of the workshop in order to qualify for a badge badges. The digital badges are a way to recognize that students such as programming with Matlab, Mathematica and R, as well multithreading and message passing. Students will need to crea badge, and can then display the badge on the platforms mentio

In addition to participating in the workshop, students will need to complete tasks such as completing a quiz and then writing a program outside of the workshop in order to qualify for a badge.

https://www.hmc.edu/cis/about-cis/cis-workshops/digital-badge/

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the workplace.

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online.

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- 🔲 Show employer[...]
- 🔲 Enhance your c[...]
- 🔲 Focus your prof[...]
- 🔲 Achieve formal [...]

Professional Practice Credentials

SELF MANAGEMENT	DIGITAL LITERACY	TEAMWORK	COMMUNICATION	COLLABORATION	EMOTIONAL JUDGEMENT
INNOVATION	CRITICAL THINKING	PROBLEM SOLVING	GLOBAL CITIZENSHIP	CULTURAL ENGAGEMENT	PROFESSIONAL ETHICS

SELECT

The Professiona[...]
Practice Creden[...]
want to earn. Browse our
Professional Practice Credentials
guide to select from one of our
Credentials and check our
detailed guidance pages to
choose the level that matches
your professional experience.

[...] with a written testimony and do
a video interview with examples
and evidence from your own
career. This is a two-stage
process.

[...] met the applicable criteria, you
will be awarded a digital badge for
that Professional
Practice Credential.

Your Credential badge can then
be shared with your networks – as
well as via your LinkedIn profile
and digital CV.

https://www.deakindigital.com/how-it-works-for-individuals

Oregon Tech Online Launches "Badging" to Fully Demonstrate Student, Graduate Skillsets to Employers

Not only does Oregon Tech Online offer individual badges, but as in Paul's case, badges can be stacked to show specializations. Stackable badges can benefit people currently working in a field that requires them to stay current on their skillset (IT, cybersecurity, health informatics) or students who need to take pre-requisites before advanced education such as pre-med, pre-nursing, and pre-PA school.

and the badges are aptly tagged so that someone searching for employees with certain skills can find them easily, and quickly verify without having to obtain transcripts. Similarly, if an employer is looking at a digital resume, she/he can click on the badge for a more detailed illustration of the applicant's skills.

Badges are currently being offered in several areas at Oregon Tech, including Healthcare and Information Technology, but the flexibility of designing each badge allows for nearly limitless possibilities. Any course, series of courses, or other types of assessment/outcomes-based offerings are badge-able. For example, it is possible to develop a badge for an exam, an award, successful completion of a coding "boot camp," or to reflect a specific skill set students may achieve at a certain point in their college career.

Badges are awarded electronically and can be displayed in any electronic format—LinkedIn, social media, e-portfolios, electronic resumes, websites, and other formats. Each badge awarded is linked to the skill set the student has acquired and it is verified by Oregon Tech so that no one else can appropriate another person's badge.

"At Oregon Tech we pride ourselves on our high graduate success rate of having graduates employed within six months of graduating," said Erika Veth, Dean of Oregon Tech Online Education. "A key component of this is to make their resumes as easy to read as possible. We want to help students and graduates catch the eye of potential employers and showcase their skills that are not always easy to sort through in a long resume. Digital badges allow us to do this and help us incorporate the changing environment of education and web use."

http://www.oit.edu/news/2016/07/11/oregon-tech-online-launches-badging-to-fully-demonstrate-student-graduate-skillsets-to-employers

Indiana Leads Way in Digital Badges for CPAs

As of mid-May, the CPA Center of Excellence® has awarded 271 digital badges for seven courses that cover the topic areas of leadership, communications, critical thinking, decision making, entrepreneurship, collaboration and networking, and social media. All but the last two were identified as core competencies of the CPA profession, and are also widely accepted as vital business skills needed by all business professionals.

Excellence® was among the first CPA organizations in the United States to offer digital badges for completion of courses.

As of mid-May, t...
topic areas of lea...
networking, and...
and are also wid...

"Digital badges a...
but they symboli...
CAE. "The usage...
learning grows a...

"The concept of...
added Bolinger. "...
verification that a...

The two courses...
with course part...
device and start...
Indiana Board of...

"In addition to th...
Halverson Bowy...
using a compete...
received so far h...

> "The demonstration of competency through earning a digital badge is a much better process than verification that a professional sat in a seminar for some period of time."

...of competency ...ligital badge is a ...s than ...rofessional sat in ...e period of time."

...ractive in format, ...sed from any type of ...ogram with the

...d States," said Jess ...erall concept of ...eedback we have

Design Principles Documentation Project

search here …

Badge systems that fit

Design or analyze digital badge systems for learning with the resources from the Design Principles Documentation Project.

The DPD Project studied the 30 Open Badges initiatives from the 2012 DML Badges Competition, supported by the MacArthur Foundation. Now we're sharing what we learned.

Subscribe for Updates

DIGITAL MEDIA+ LEARNING competition 4

HASTAC   MacArthur Foundation

BILL & MELINDA GATES foundation   mozilla

Recognizing Learning
DPD Project Reports

Recognizing Design Principles

Assessing Learning
DPD Project Reports

Assessing Design Principles

Case Studies

Lessons Learned
Design Challenges
Context Matters

Case Studies

Motivating Learning
DPD Project Reports

Motivating Design Principles

Studying Learning
DPD Project Reports

Studying Design Principles

Card Deck

System Design Tool

dpdproject.info/

Badging in a Learner-Centered Context

Daniel Hickey   Monday, August 3, 2015

Badging in a Learner-Centered Context

1:04 / 3:19

What does the (early) research say?

Projects that **started with content** and then built badges and technology were generally most successful

Next most successful starting configurations were the efforts that **"layered" badges into existing educational content and learning technologies**

Formalizing key practices for recognizing learning (e.g., use badges to map learning trajectories, have expert peers issue badges, and recognize diverse learning) and assessing learning (promote social learning, use performance assessments, and use leveled badge systems). AND…

display badges to the public
engage with the community
create scarce badges
foster professional identities

The most obvious practices for increasing the value of open digital badges (**awarding formal credit for them and gaining external endorsements**) have proven to be the most difficult practices to enact and formalize. Innovators need to redouble their efforts to do these things while working to exploit other unique features that add value to digital badges.

Coastal Manager

Ecologist

Hydrologist

Freshwater
"Super Badge"

Stronger **connections between digital badges and other relevant innovations such as competency-based education, e-portfolios, credit for prior learning, and stackable credentials** seem like promising directions for increasing the perceived value of open badges.

In 2015… While numerous digital badge systems are functioning in many contexts, badges are still not widely valued by admissions or hiring officials. As such, they are **not yet widely valued by many learners**.

"For whatever reason, if you miss a portion of algebra, many institutions will place you into a course that's 18 weeks long that costs several hundred to a couple thousand dollars. "

It's about personalization and meeting students' needs.

"Grades are for meat and eggs. It's simply labeling the quality of the finished product. As such, letter grades contribute to a system of education that's more about sorting people than actually allowing them the opportunities to learn and to master something of value."

It's about personalization and meeting students' needs.

"Transcripts are a relic from a paper and pencil age. They don't even use whole words to describe the course. Could you tell me what 'Iss Ed Res' means? I bet you wouldn't guess Issues in Educational Research. What does that title really indicate to you?"

It's about personalization and meeting students' needs.

The T-Shaped Professional
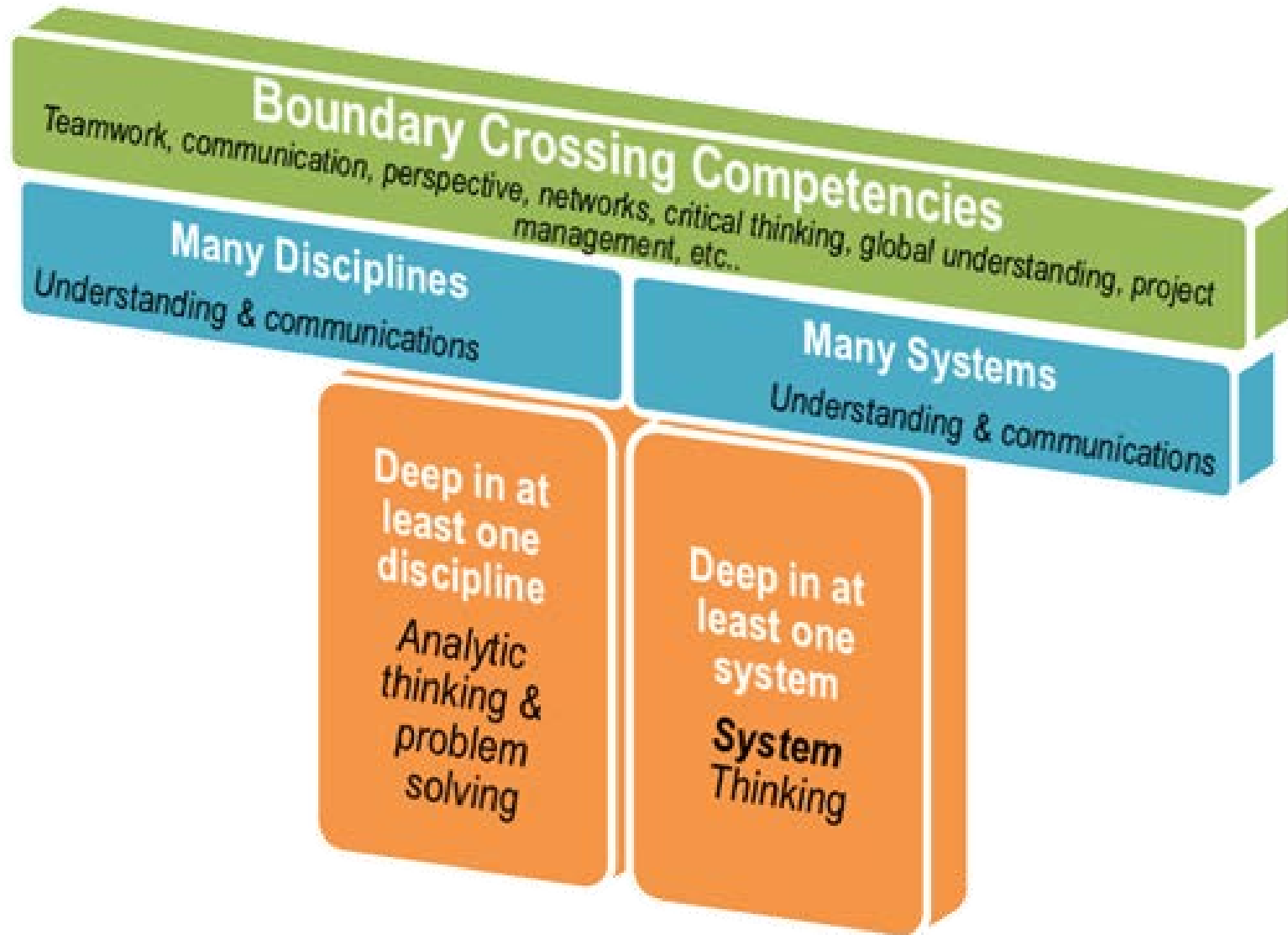
Badging Resources

- Developing a Higher Education Badging Initiative: http://www.educause.edu/library/resources/developing-higher-education-badging-initiative
- The Potential and Value of Using Digital Badges for Adult Learners: https://lincs.ed.gov/publications/pdf/AIR_Digital_Badge_Report_508.pdf
- 7 Things You Should Know About Badging for Professional Development: http://www.educause.edu/library/resources/7-things-you-should-know-about-badging-professional-development
- 10 Lessons Learned in Launching and Award Winning Digital Badging Program: http://nextgenlearning.org/blog/10-lessons-learned-award-winning-digital-badging-program

Badging Resources

- EDUCAUSE Badging Program: http://www.educause.edu/badging
- Microcredentials and Badging Constituent Group: http://www.educause.edu/discuss/information-technology-management-and-leadership/microcredentials-and-badges-constituent-group
- 7 Things You Should Know About the Evolution of the Transcript
  – https://library.educause.edu/resources/2016/1/7-things-you-should-know-about-the-evolution-of-the-transcript
- EDUCAUSE Badging Resources
  – http://www.educause.edu/library/badges
  – https://library.educause.edu/topics/teaching-and-learning/credentialing

Veronica Diaz, PhD

Director, EDUCAUSE Online Programs
Associate Director, EDUCAUSE Learning Initiative

EDUCAUSE

@drvdiaz
vdiaz@educause.edu
http://www.educause.edu/eli
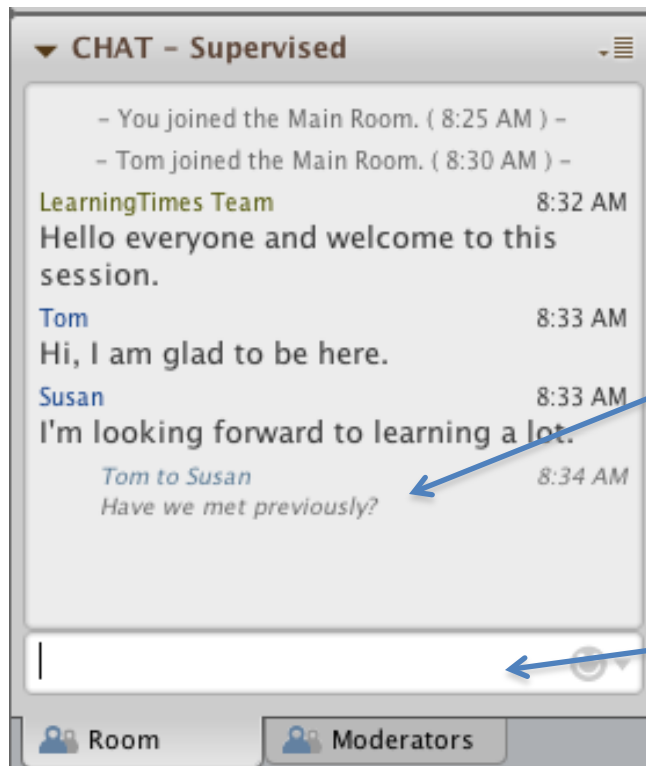https://www.linkedin.com/in/veronica-diaz/

Chat with us!

CHAT – Supervised

– You joined the Main Room. (8:25 AM) –
– Tom joined the Main Room. (8:30 AM) –

LearningTimes Team   8:32 AM
Hello everyone and welcome to this session.

Tom   8:33 AM
Hi, I am glad to be here.

Susan   8:33 AM
I'm looking forward to learning a lot.

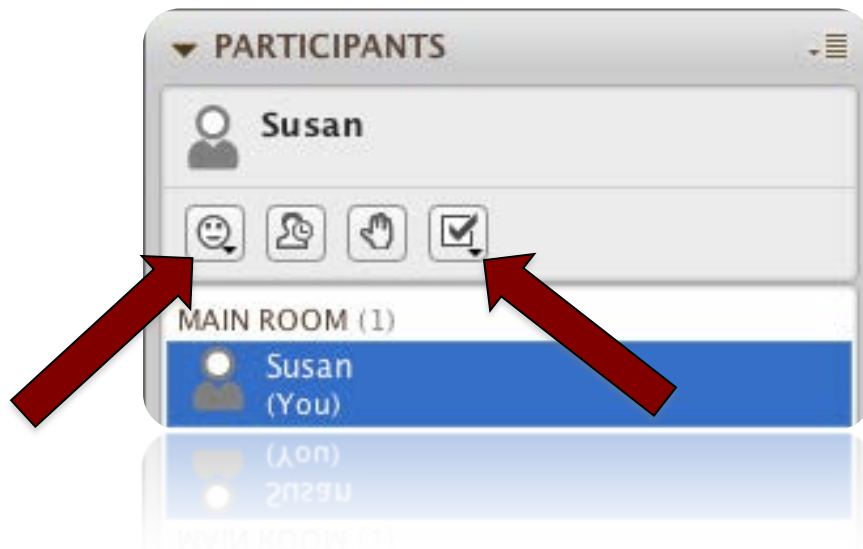Tom to Susan   8:34 AM
Have we met previously?

Room   Moderators

Private messages can be viewed by Moderators, just so you know.

Type your message here and press Enter to send.

LearningTimes

Polls, smiles and handraising

You have a voice!

Audio Setup Wizard

Click on the Talk button.
We won't be using
Video.

LearningTimes