

Digital Credentials in Michigan:

A K-to-Career Perspective

Jeff McNeal, Educational Consultant, CBE, Michigan Dept. of Education

Mary Sutton, Executive Director, Michigan After-School Partnership

Ken Dirkin, Director of Online Professional Learning, Michigan Virtual

Facilitated by:

Bruce Umpstead, State Programs, IMS Global Learning Consortium



Welcome!

Objectives for this session:

- Introduction to current digital credential work in Michigan
- Badging for K-12 students
- Micro-credentials for Professional Learning
- Q&A on how Michigan is putting it all together

Introductions



Mary



Jeff



Ken



Jeff McNeal

Educational Consultant

Programs and Grants

Michigan Department of Education

Fast Facts

- 12,000 plus First Robotic Badges
- 400 MDE Seal of Biliteracy being badged
- MDE supported Go Open (open resource site)
- 5 Regional Data Hubs
- Thru the bass back in the lake 😊





Mary Sutton

Executive Director

Michigan After-School Partnership

www.miafterschool.org

Fast Facts

- *210,000 + students in afterschool programs*
- *30,000 + 21st Century Community Learning Center students*
- *10,000 + in Computer Science First*
- *21st Century and Employability Skills Frameworks*
- *Student and Provider Competency Systems*





Ken Dirkin

Director of Professional Learning

Michigan Virtual

michiganvirtual.org

Fast Facts

- 52,000 enrollments in PD
- 82,500 CEUs Awarded in 2018
- 350 online PD courses
- MDE Partnerships on:
 - Early Literacy
 - Assessment Security



Learner Driven Education

Profile of a Graduate

Communicate & Collaborate

Communicate and collaborate effectively with a variety of audiences

Argument & Reasoning

Use argument and reasoning to do research, construct arguments, and critique the reasoning of others



Social & Emotional Learning
Demonstrate knowledge, attitudes, and skills to manage emotions to enable responsible decisions and successful choices.

Technology & Tools

Use technology and tools strategically in learning and communicating

Solve Problems

Solve problems, construct explanations, and design creative and innovative solutions

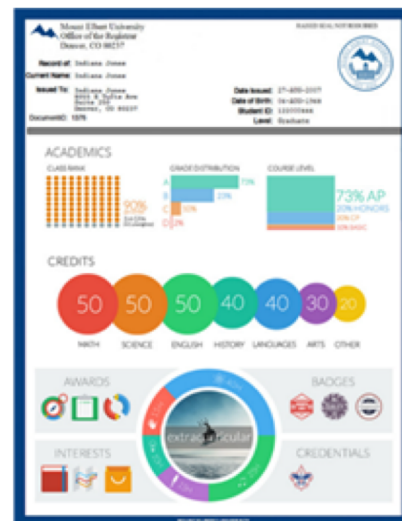
Provide a comprehensive picture and demonstrated evidence of gained competencies

Learning happens in different places, times and Environments and the workforce can see evidence of learning that happens in school and out of school

Mastery Completion of a project, mastery of a skill, and life experience represents student learning

Provide a comprehensive picture and demonstrated evidence of gained competencies

Student Ownership

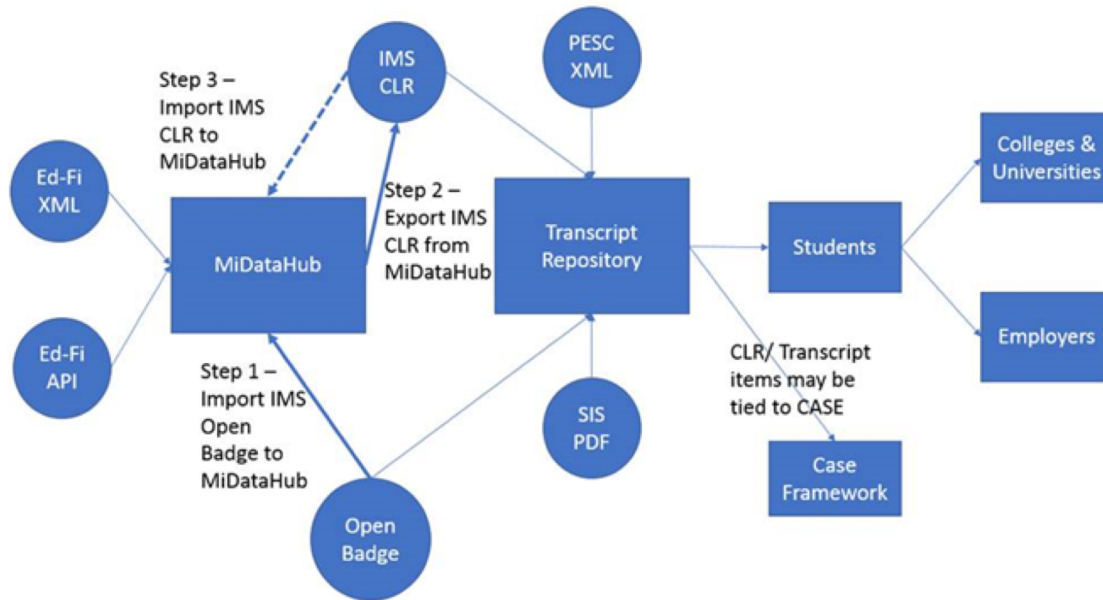


Michigan After-School Partnership, 2013

Reimagined, Audience-specific rendering



Data Hubs



Don Dailey
Project Director

Mount Elbert University
Office of the Registrar
Denver, CO 80237

Record of: Indiana Jones
Current Name: Indiana Jones

Issued To: Indiana Jones
8055 E Tufts Ave
Suite 250
Denver, CO 80237

DocumentID: 1376

Date Issued: 27-AUG-2007
Date of Birth: 06-AUG-1968
Student ID: 122000444
Level: Graduate

RAISED SEAL, NOT REOK BRED

Course Level: Graduate
Student Type: Continuing
First Adm: Fall 1999
Last Adm: Fall 1999
Holds: Fall 1999

Current Program
Master of Business Admin
Program: MBA-Business Administration
Major: Business Administration

Degree Issued Master of Business Admin 04-882-0000
Date: 0.00 GRN-Tot: 0.00 QPct: 0.00 GRN: 0.00
Primary Degree
Major: Business Management

INST NO.	C	COURSE TITLE	CRED GRD	PTS R
Interim Information continued:				
INST 400		0000000 Genl Pwr / Pract	3.00 A	12.00
INST 410		0000000 Def Rymnnc I	3.00 A	12.00
INST 420		0000000 Def Rymnnc II	3.00 A	12.00
INST 430		0000000 Def Rymnnc III	3.00 A	12.00
Inst:		9.00 GRN-Tot: 0.00 QPct:	0.00 GRN:	0.00
Good Standing				
Fall 1999				
College of Business				
Business Administration				
INST 440		0000000 Bus Mgmt	3.00 A	12.00
INST 450		0000000 Bus Mgmt II	3.00 A	12.00
INST 460		0000000 Bus Mgmt III	3.00 A	12.00
Inst:		9.00 GRN-Tot: 0.00 QPct:	0.00 GRN:	0.00
Good Standing				
Spring 1999				
College of Business				
Business Administration				
INST 470		0000000 Bus Mgmt	3.00 A	12.00
INST 480		0000000 Bus Mgmt II	3.00 A	12.00
INST 490		0000000 Bus Mgmt III	3.00 A	12.00
Inst:		9.00 GRN-Tot: 0.00 QPct:	0.00 GRN:	0.00
Good Standing				
Summer 1999				
College of Business				
Business Administration				
INST 500		0000000 Bus Mgmt	3.00 A	12.00
Inst:		3.00 GRN-Tot: 0.00 QPct:	0.00 GRN:	0.00
Good Standing				
Fall 1999				
College of Business				
Business Administration				
INST 510		0000000 Bus Mgmt	3.00 A	12.00
INST 520		0000000 Bus Mgmt II	3.00 A	12.00
INST 530		0000000 Bus Mgmt III	3.00 A	12.00
Inst:		9.00 GRN-Tot: 0.00 QPct:	0.00 GRN:	0.00
Good Standing				
***** END OF TRANSCRIPT *****				

John Hancock
John Hancock, University Registrar

EST 2015

MOUNT ELBERT UNIVERSITY

Traditional Look
Enhanced with embedded links

Mount Elbert University
Office of the Registrar
Denver, CO 80237

Record of: Indiana Jones
Current Name: Indiana Jones

Issued To: Indiana Jones
8055 E Tufts Ave
Suite 250
Denver, CO 80237

DocumentID: 1376

Date Issued: 27-AUG-2007
Date of Birth: 06-AUG-1968
Student ID: 122000444
Level: Graduate

RAISED SEAL, NOT REOK BRED

ACADEMICS

CLASS RANK

GRADE DISTRIBUTION

COURSE LEVEL

73% AP
20% HONORS
20% CP
10% BASIC

90%
3.4 GPA
4.0 maximum

CREDITS

50 50 50 40 40 30 20

MATH SCIENCE ENGLISH HISTORY LANGUAGES ARTS OTHER

AWARDS

BADGES

INTERESTS

CREDENTIALS

extracurricular

MOUNT ELBERT UNIVERSITY

Reimagined
Audience-specific rendering

Michigan's Micro-Credentials and Digital Badges

First Robotics badging started 4 years ago.

First badges issued 3 years ago (281)

Exponential Growth

281-first year

5000 second year

7000 last year

State Seal of Biliteracy has 400 certificates ready to be badged

High School initiative

Competency Based micro-credentials

Comprehensive Learner Record



Considerations for C-BE based Micro-Credentials



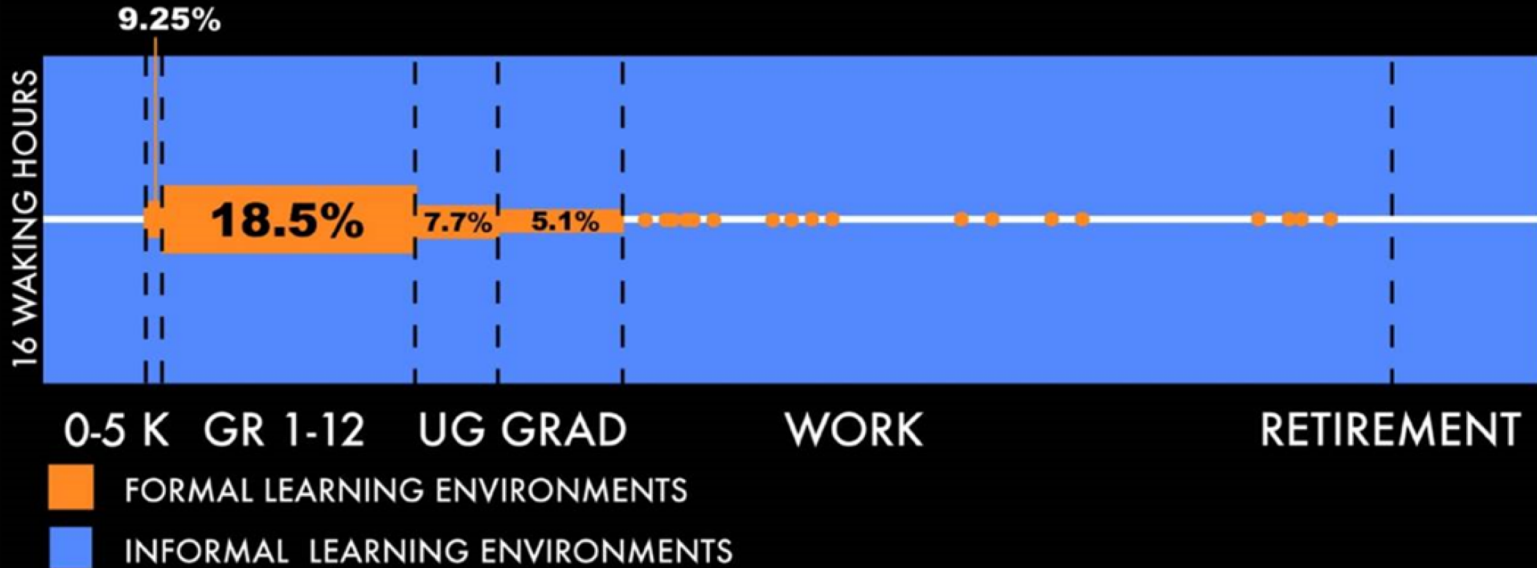
Aligned to standards (academic, industry, out of school learning)

Multiple pathways to demonstrate content

Communication about credentials and levels of accomplishments

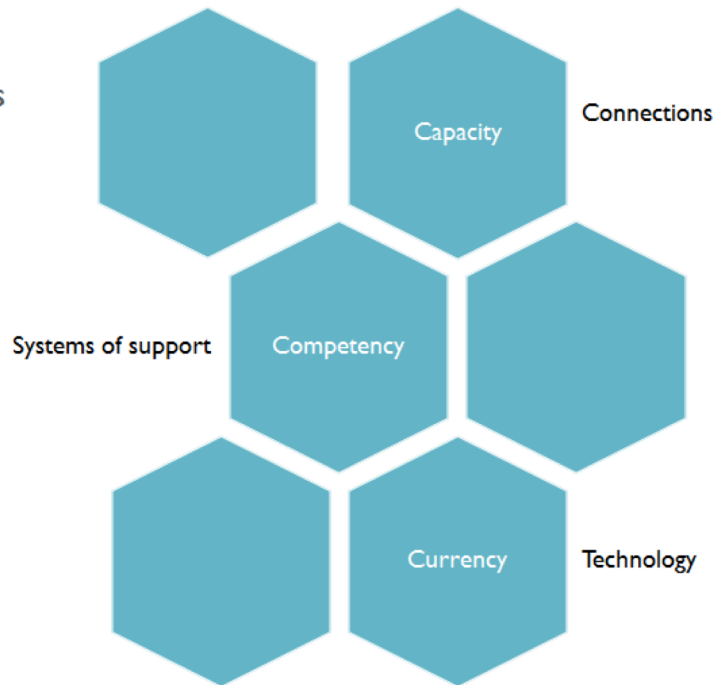
Ownership and accessibility

LIFELONG AND LIFEWIDE LEARNING



OPPORTUNITIES AND CHALLENGES TO RECOGNIZING ALL LEARNING

- 21st Century and Employability Skills
- Technology Skills
- Credit and Credit Recovery



What About Educators?



State Continuing Education Clock Hours (SCECHs) represented by badges based on competency

Specialization badges based on skills (technology, leadership, interventions, etc.)

Endorsements based on competencies

Content area, interventions, leadership, technology, etc.

Issued by and through accredited providers.

The infographic is divided into two columns: 'THE SCECH' (left, green header) and 'THE MICRO-CREDENTIAL' (right, orange header), separated by a vertical line with 'VS' in the middle. At the top, three icons represent time, a classroom, and a shield with a star. The comparison is structured as follows:

THE SCECH	VS	THE MICRO-CREDENTIAL
Seat time	LEARNERS REWARDED FOR...	Evidence of learning
Fixed	CONTENT IS...	Personalized
Syllabus	WHAT IS APPROVED?	Reviewers
Attendance	LEARNERS MUST DEMONSTRATE...	Competency

MICHIGANVIRTUAL.ORG/MICROCREDENTIALS

it's a

BIG

change

<https://michiganvirtual.org/blog/micro-credentialing-the-dawn-of-competency-based-professional-development/>

What About Educators?

- Authorizers struggle with competency mapping
- Content providers struggle with sizing
- First-time users struggle with lack of scaffolding

“Your thumbs will learn.” - Steve Jobs

PARTNERS

Michigan Association of Superintendents and Administrators

Michigan Elementary and Middle School Principals Association

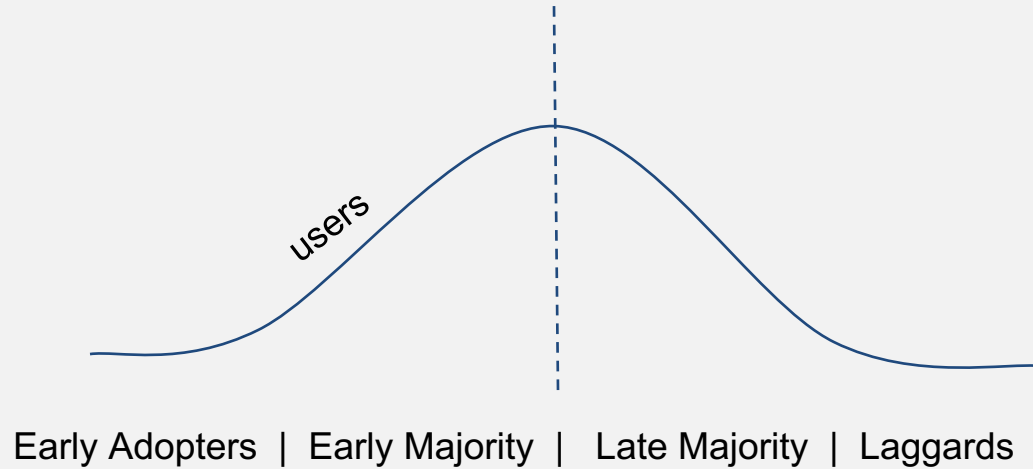
Michigan Assessment Consortium

The Henry Ford

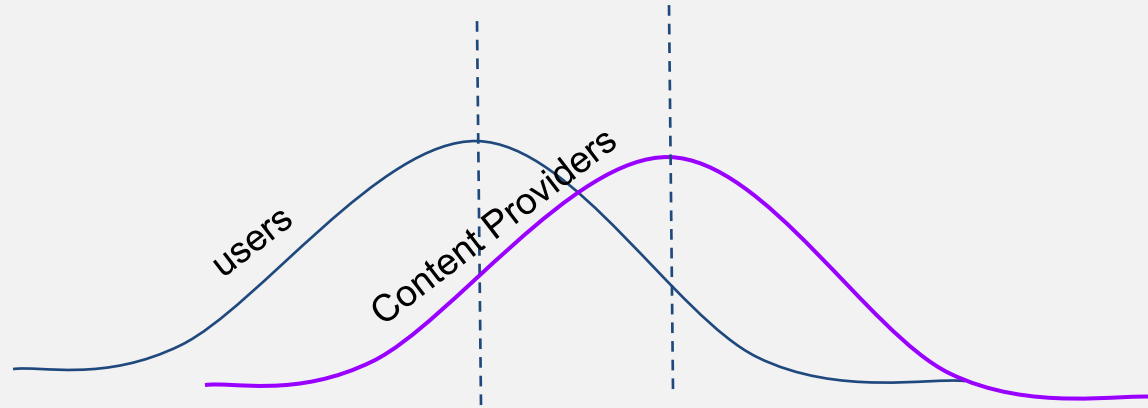
What About Educators?



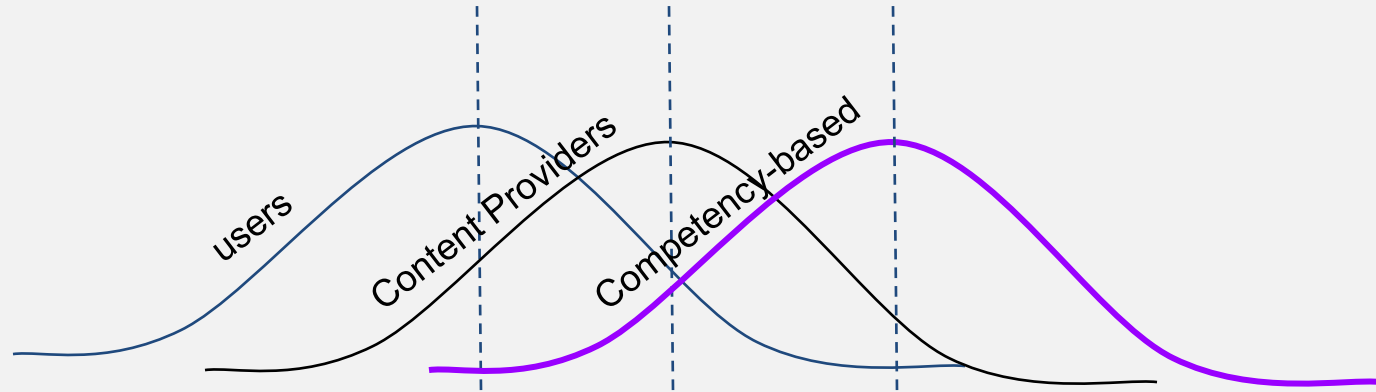
What About Educators?



What About Educators?



What About Educators?





Thank You!

Mary Sutton
msutton@uw-mich.org

Jeff McNeal
McNealJ1@michigan.gov

Ken Dirkin
kdirkin@michiganvirtual.org