Washington, D.C.

APRIL 2022 DATA SUMMIT
April 25 – 27, 2022

Photo Gallery

DIGITARY
National Student Clearinghouse®
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25TH ANNIVERSARY
PESC®
APRIL 2022 DATA SUMMIT
Data Standards Initiatives
April 24, 2022
U.S. Chamber of Commerce Foundation
IMPLEMENTING SUCCESS
PRACTITIONERS AS INNOVATORS IN HIGHER EDUCATION
PESC is....

- A place to learn
- A place to network
- A place to solve problems
- A place to find your niche
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The Bigger Picture – Student Mobility Flows

- What about digital mobility?
- Machine readability?
- Seamless networking?

Interoperability & Quality Assurance are necessary for success!
The Bigger Picture – Student Mobility Flows

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Interoperability & Quality Assurance are necessary for success!

Source: ESID - European Student Identity Forum, 2015; http://www.studentidforum.org
The Bigger Picture – Student Mobility Flows

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- Seamless networking?

Interoperability & Quality Assurance are necessary for success.
U.S. Department of Education Data “Integration”

- It starts with the Free Application for Federal Student Aid (FAFSA)
- ISIR’s (Institution Student Information Record) get transferred to schools via software Ed approves. It’s a flat file!!!
- The Common Origination and Disbursement record (COD) is/was an approved PESC XML Schema (V1) that has since been updated by ED without PESC (or anyone’s) participation (V5.0a) This is used to move data on origination, correction, and disbursement of Pell and Direct Loan Funds
- Enrollment reporting and degree completion data (SSCR to NSLDS)
- IPEDS – Integrated Postsecondary Educational Data System Reporting
- FISAP – Fiscal Operations Report and Application to Participate
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About FIU

FIU ranked No. 1 for awarding bachelor’s, master’s degrees to Hispanic students.
FIU was also ranked the No. 3 school for Hispanic student enrollment, and 13 programs were ranked in Hispanic Outlook on Education.

FIU remains the largest producer of Hispanic STEM bachelor’s and graduate degrees in the U.S.
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Agenda
- Introductions – Panelists
- Discussion
  - What are the specific issues facing educational data systems with regard to identity?
  - Single Sign-On Case Study for “Preferred Name”
  - International University Student Aid Lifecycle
  - EU Cyber Policy:
    - Open Dialogue
    - Research on Digital Identities and Biometrics
  - EU Action Plan for a Single Digital Market
    - Digital Identity
    - Interoperable Digital Identity
  - Standards:
    - EU Policy on Digital Identity and Biometrics
    - EU Guidelines for Interoperable Digital Identity
    - EU Standards for Interoperable Digital Identity
  - Future Directions:
    - Research Challenges
    - Policy Implications
    - Interoperability and Trust
  - Conclusion
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  - Lucian Case Study for "Preferred Name"
  - Florida International University Student Aid Lifecycle
  - Study of European standards for Digital Credentials in Higher Education
South Carolina 2010-2011 Award
Transfer & Articulation Center

- SIS Integration, Coursework Importer
- Transfer Articulation Mapping
- Simulated Degree Audit by Program of Study
- Transferable Courses Published and Curated
- Transfer Degree Requirements Refreshed
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Implementing Success
Practitioners as innovators in Higher Education
IMPLEMENTING SUCCESS
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Auburn 2022 Data Summit

WASHINGTON, D.C.
APRIL 25-27, 2022
www.pesc.org

Welcome!
Competing on Data

- While we have improved our workforce data, major gaps remain.
- We need better data on education and training outcomes,
- We do not know enough about in-demand jobs and when they will arise
- Existing LMI has been very useful, but we need a leap forward to primary source data about jobs and employment
- In order to improve the quality, value, and usability of education and workforce data, it must be skills-based, interoperable, and structured (i.e., data aligned with specific jobs)
Competing on Data

- We want to improve our worker outputs, major gaps remain
- We need to data predict future training outcomes, including skills
- We need to real-time industrial jobs and when they change, and we know even
can predict human learning outcomes.
- They can be leveraged to improve a loop forward and more and better
information to align with learning opportunities.
- We can incorporate the value and utility of education and workforce data, it
needs to be real-time, insightful, and structured (i.e., data about learning, people, and
jobs)
Common Education Data

CEDS is an education data management initiative whose goal is to facilitate information sharing and research within and across P-20W institutions and sectors. The initiative creates common data models that reflect the vocabulary, tools, and methods for data analysis, an assembly of metadata from other education data initiatives, and an unbiased discussion of the uses of CEDS and the Common Education Data Model.

- Common Vocabulary
- Open-Source Data Models
- 17 SEAs Implementing
Common Education Data Standards (CEDS)

- Key Features:
  - Common Vocabulary
  - Open-Source Data Models
  - 17 SEAs Implementing

- Benefits:
  - Improved data exchange
  - Enhanced data analysis
  - Increased transparency and accountability

- Applications:
  - Interoperability among K-12 systems
  - Support for educational research

- Importance:
  - Facilitates evidence-based decision-making
  - Enables comparison of educational outcomes
  - Promotes accountability and transparency

- Impact:
  - Increased efficiency in data management
  - Enhanced data quality and accuracy
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Standards Upgrade Pathway

- Together, we are developing a Standards Upgrade Pathway for version control and alignment.
- Historical - collecting stories
- Post-secondary transcripts
  - EDI to EDI
  - EDI to PESC XMI
- PESC XMI - moving to a new version of College Transcript Standard
- PDF to AXML for National Exchange in Canada
- High School Transcripts
  - Paper to PESC XMI
  - Electronic spreadsheets via PESC XMI
The A4L Student Data Privacy Consortium

Connecting and Securing Effective Learning Ecosystems - The Student Data Privacy Way!

HTTPS://PRIVACY.A4L.ORG
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  - Florida International University Student Aid Lifecycle
  - Case Study of European Standards for Digital Credentials in Higher Education Institutions
- Open Discussion
  - Q & A
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National Student Clearinghouse

PESC - Data Convergence update Spring 2022
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History and Context

- South Carolina 2010-2011 Award
  Transfer & Articulation Center

- Tennessee 2015-2016 Award
  Automating Reverse Transfer for the State of Tennessee

- Wyoming 2020-COVID!
  Improving Transfer Guidance, Removing Transfer Roadblocks
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Welcome!
April 2022 Data Summit

Our Reach:
- Enrollment - Degrees - Secondary

3,700+ Institutions participating with the National Student Clearinghouse

- 97% Enrollment verification rate
- 95% Degree verification rate
- 100% Degree verification rate for new enrollments

2.5 Million Enrollments
1,330 + Institutions using transcript verifications
5 Million + Degree verifications per year

The Dupont Circle
April 2022 Data Summit

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April 13, 2017

iQ4 and National Student Clearinghouse Awarded 1st Place in 18th Best Practices Competition
Extending the capacity of higher education to scale the output of verified workforce-ready graduates
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Data Standards Initiatives
Open Data Standards and the Indiana Achievement Wallet

Racey Thorne, Director of Skill Architecture
Western Governors University

Darrin Hobbs, VP of Academic Records
Western Governors University
If you want to go fast…
go alone.
If you want to go far…
    go together.
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Kacey Thorne, Director of Skills Architecture
Western Governors University

Darin R. Hobbs, VP of Academic Records
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OUTSTANDING SERVICE AWARDS – 2022

Recognized for long-term support, participation, leadership, and service in PESC, honored in 2022 at PESC’s 25th Anniversary.

Jisti Blabum
Lum Education/NASLA

Doug Falk
Student Clearinghouse

Doug Holmes
GUAC

David K. Moldoff
AcademyOne

Michael Moris
ACT

Susan McCrackin
College Board, Inc.

Rick Skeel
Stucoin

Francisco Valines
Florida International University
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The A4L Student Data Privacy Consortium

Connecting and Securing Effective Learning Ecosystems - The Student Data Privacy Way!

HTTPS://PRIVACY.A4L.ORG
Why Are Credential Evaluations Important?

- They provide a means for appropriate admissions, licensing, immigration, and hiring decisions.
- They help to protect the public.
- They help ensure fairness for all learners, practitioners, and employees.
- They help mitigate risk for institutions and others by detecting falsified credentials.
- They support learner mobility.
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POSTSECONDARY ELECTRONIC STANDARDS COUNCIL

Leading the establishment and adoption of trusted, free & open data standards across the education domain since 1997