

Washington, D.C.

# APRIL 2022 DATA SUMMIT

APRIL 25 – 27, 2022

# Photo Gallery

DIGITARY



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# APRIL 2022 DATA SUMMIT



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**Participants:**

- Bert van der Geest
- Michael Sessa
- Jen Kitching - OUAC
- Cathy van Soest, EducationPlannerBC
- imackinnon
- Doug Holmes
- Ruth Blades, CATNS
- Jason Weaver
- Charlotte French - Digitary
- Clay M - Humber
- jenniferk
- Sinh Ta

**Chat:**

- Me to Everyone 01:17 P  
my sound is not working
- Cathy van Soest, EducationPL... to Everyone 01:19 PM  
still not working?
- Bert van der Gee... to Everyone 01:20 PM  
we can hear you

**Toolbar:** Mute, Stop Video, Participants (12), Chat, Share Screen, Record, Breakout Rooms, Reactions, Apps, Leave Room

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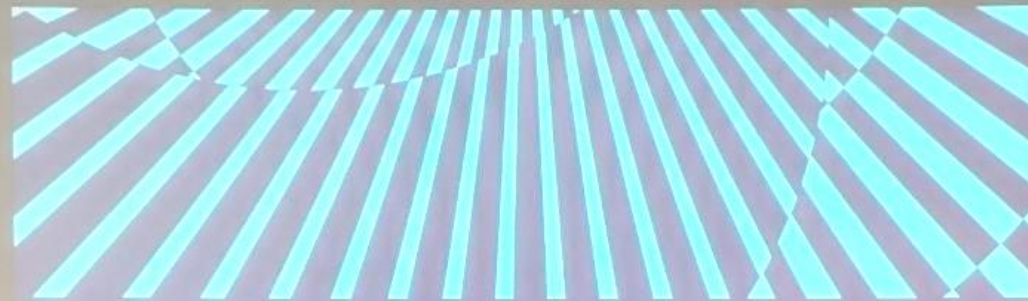
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## Data Standards Initiatives

April 24, 2022

U.S. Chamber of Commerce  
Foundation



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## 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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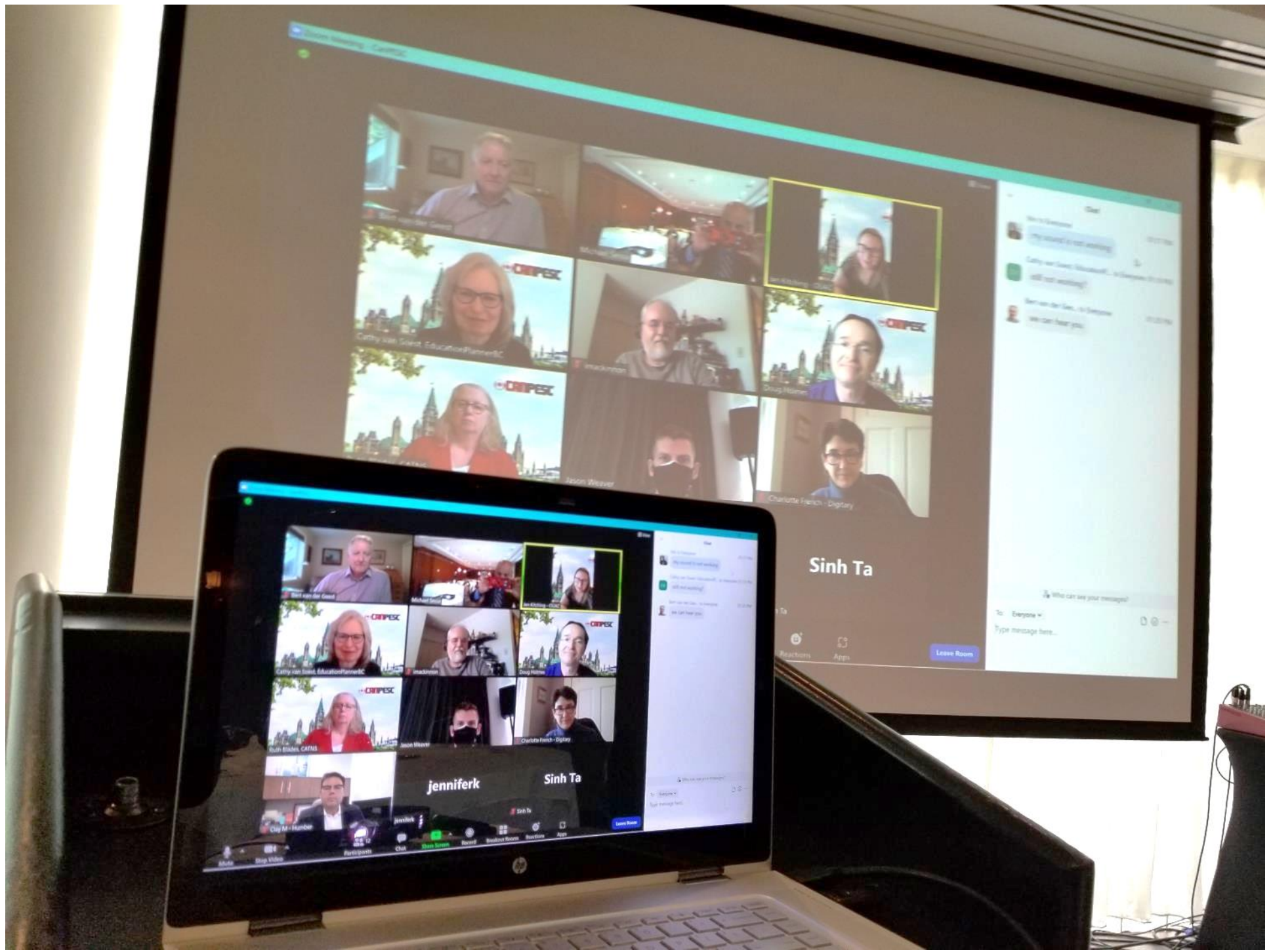
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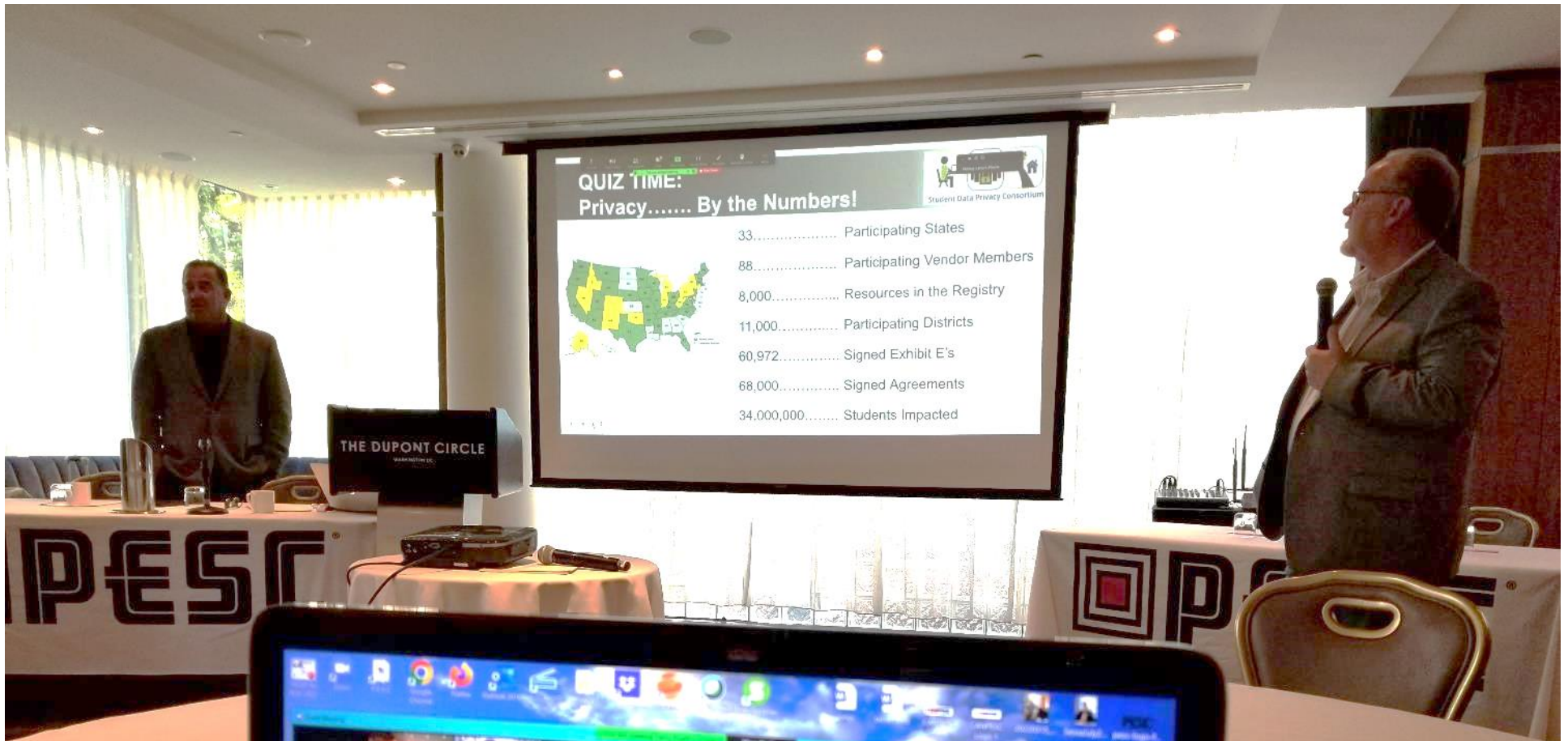
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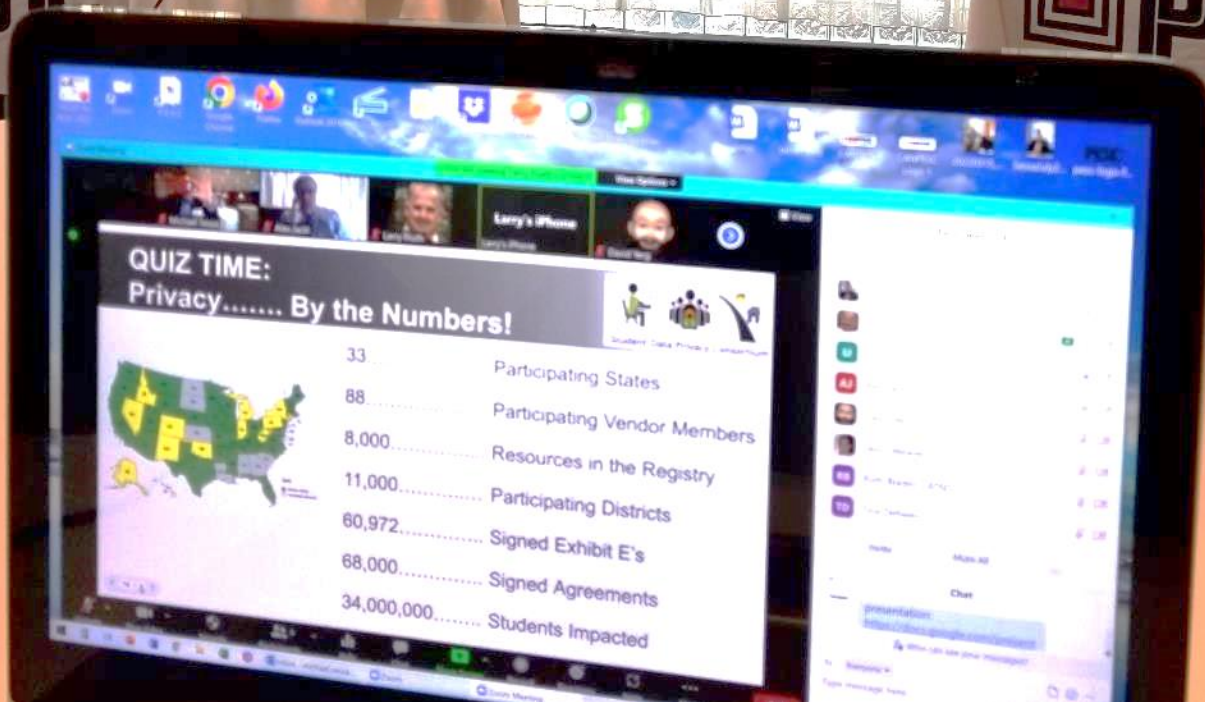
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## QUIZ TIME: Privacy..... By the Numbers!



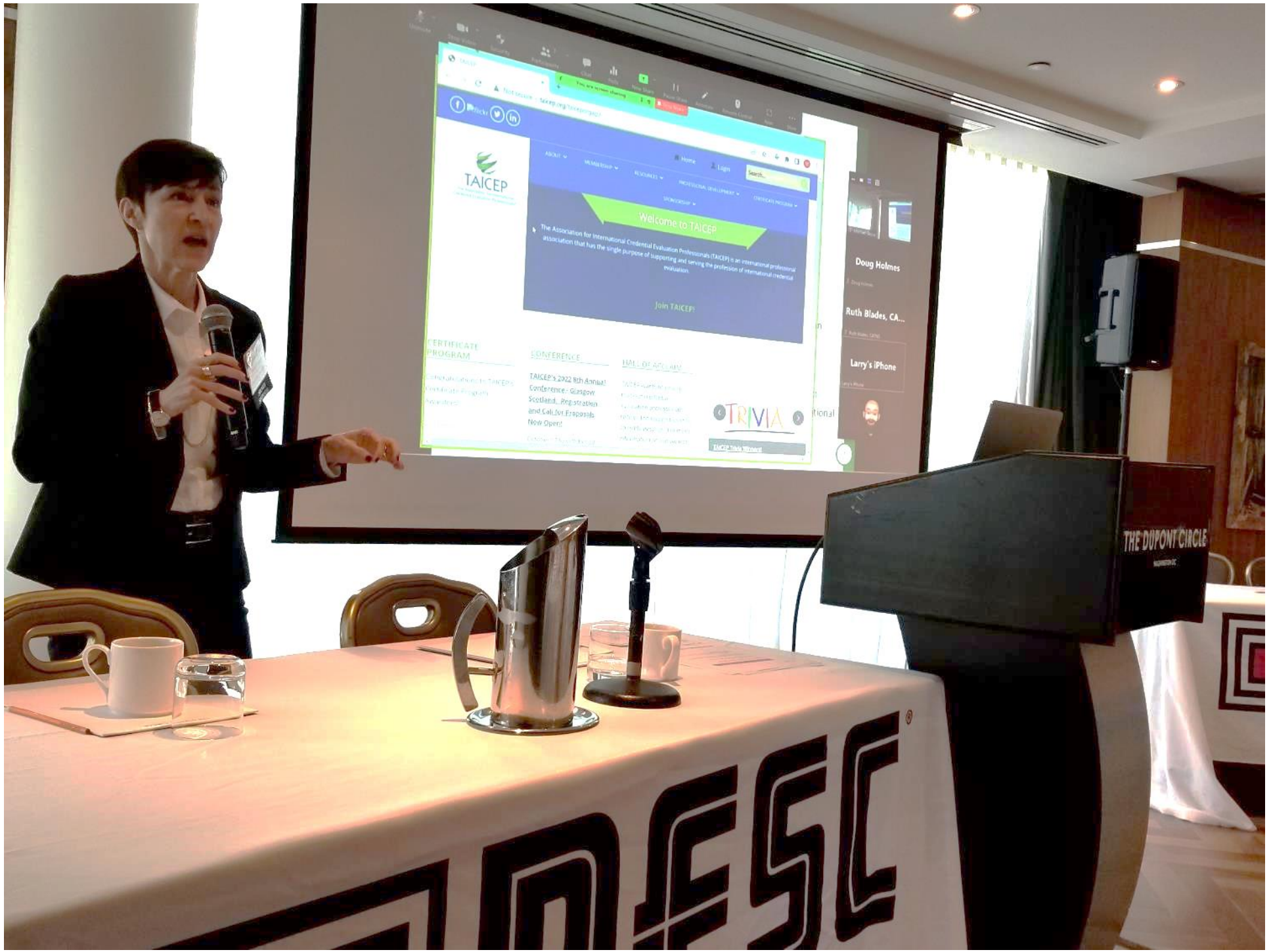
- 33..... Participating States
- 88..... Participating Vendor Members
- 8,000..... Resources in the Registry
- 11,000..... Participating Districts
- 60,972..... Signed Exhibit E's
- 68,000..... Signed Agreements
- 34,000,000..... Students Impacted



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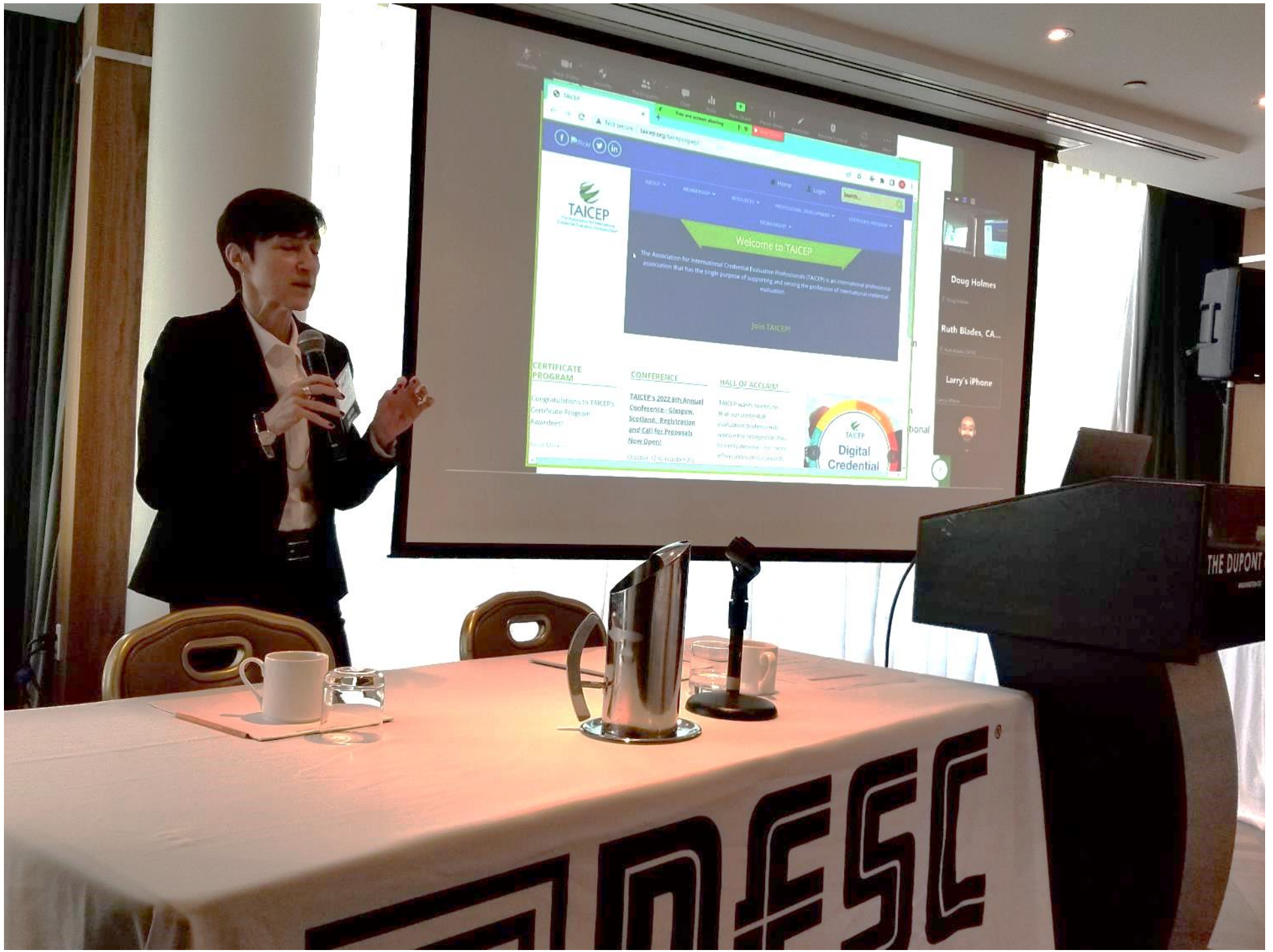


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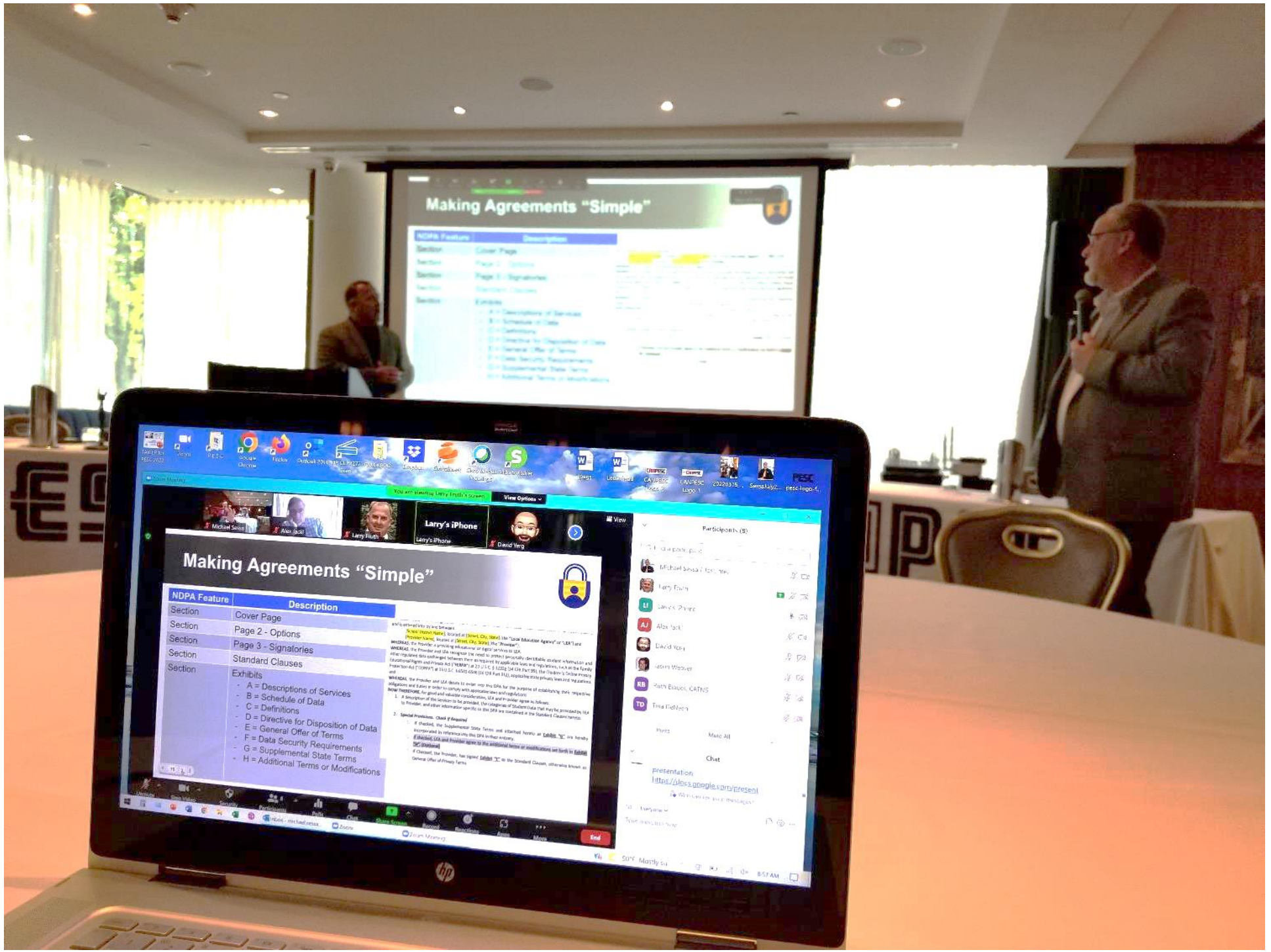
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## Student Privacy Laws

### FERPA

School officials with legitimate educational interest.  
Data Privacy Agreements (DPA) should cover:



- Security and Data Stewardship Provisions.
- Collection Provisions.
- Data Use, Retention, Disclosure, and Destruction Provisions.
- Data Access Provisions.
- Modification, Duration, and Termination Provisions.

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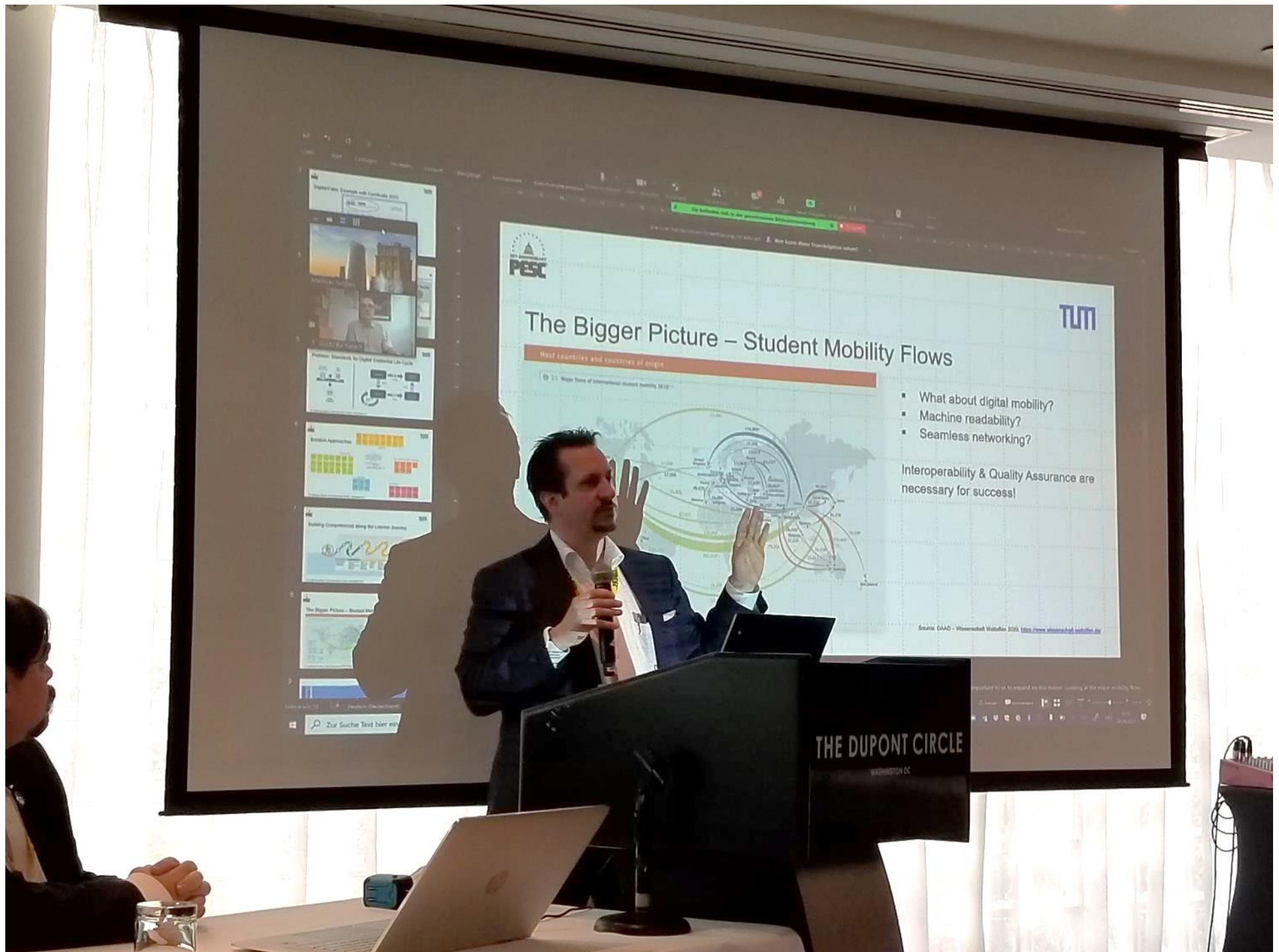
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## The Bigger Picture – Student Mobility Flows

Host countries and countries of origin

31 Major flows of international student mobility 2020\*



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


Interoperability & Quality Assurance are necessary for success!

Source: DAAD - Wissenschaftskollegien 2020, <https://www.wissenschaftskollegien.de/>

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## 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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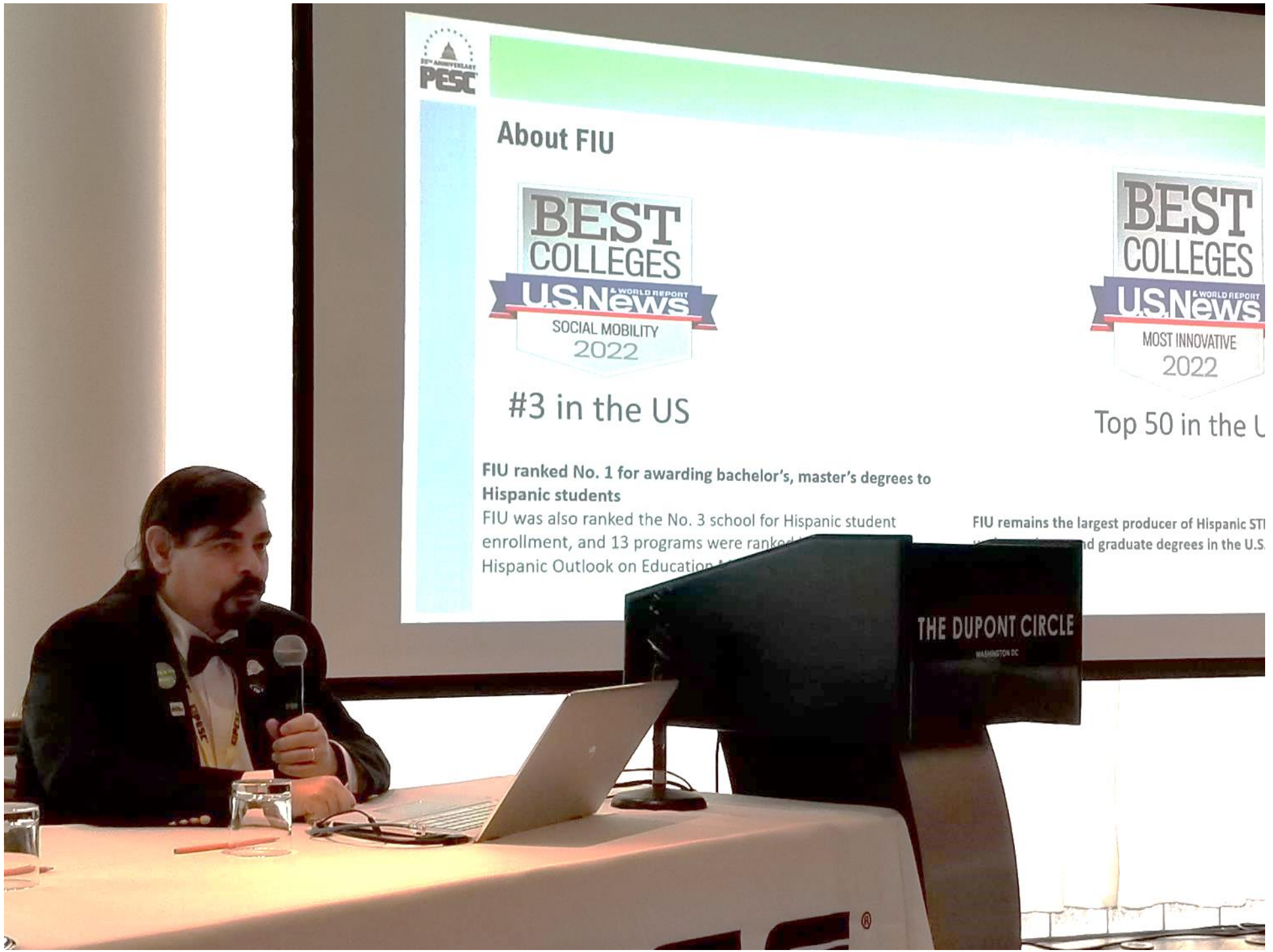


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## About FIU



#3 in the US

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... Hispanic Outlook on Education



Top 50 in the U.S.

FIU remains the largest producer of Hispanic STI... and graduate degrees in the U.S.

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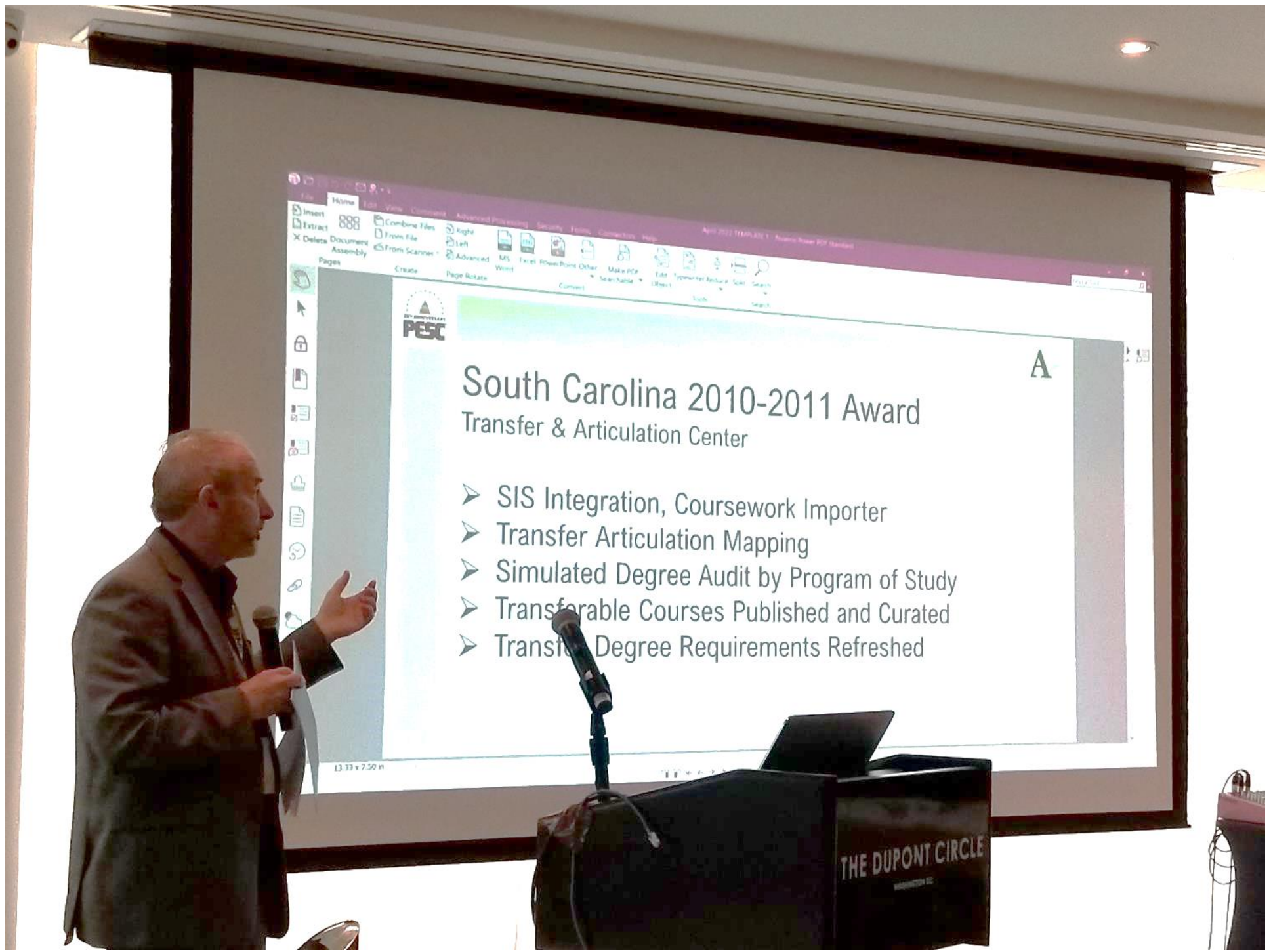
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## South Carolina 2010-2011 Award Transfer & Articulation Center

- 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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The image shows a man in a dark suit and black shirt standing at a podium, speaking into a microphone. He is holding a tablet in his left hand and gesturing with his right hand. Behind him is a large projection screen displaying a presentation slide. The slide is titled "South Carolina 2010-2011 Award Transfer & Articulation Center" and lists five bullet points. The screen also shows a software interface with a menu bar and various tool icons. The podium has a sign that reads "THE DUPONT CIRCLE WASHINGTON DC".

**South Carolina 2010-2011 Award**  
Transfer & Articulation Center

- SIS Integration, Coursework Importer
- Transfer Articulation Mapping
- Simulated Degree Audit by Program of Study
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The slide is displayed within a software window titled 'April 2022 TEMPLATE 1 - Source Power PDF Standard'. The window has a menu bar with 'File', 'Home', 'Insert', 'Extract', 'Delete', 'Document Assembly', 'Pages', 'Create', 'Page Rotate', 'Advanced Processing', 'Security', 'Forms', 'Connectors', and 'Help'. The slide content includes the PESCS logo, the title 'South Carolina 2010-2011 Award Transfer & Articulation Center', and a list of five bullet points. A large letter 'A' is visible in the top right corner of the slide.

## South Carolina 2010-2011 Award Transfer & Articulation Center

- SIS Integration, Coursework Importer
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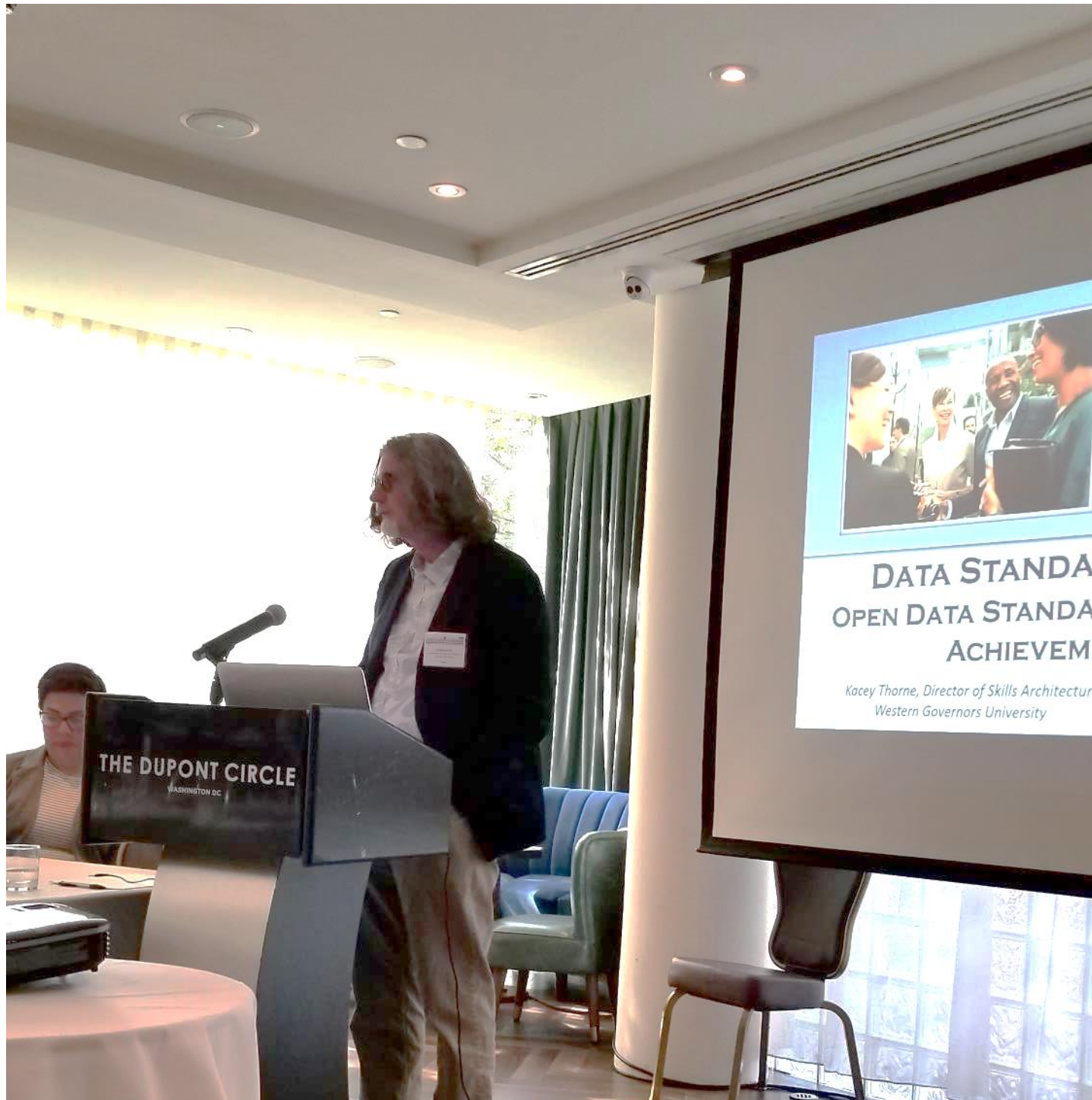




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## Competing on Data

- While we have improved our workforce data, major gaps remain
- We need better data on education and training outcomes, particularly for non-degree programs
- We do not know enough about in-demand jobs and when they are needed, particularly less about employment and earnings outcomes
- Existing LMI has been very useful, but we need a leap forward to get more primary source data about jobs and employment
- In order to improve the quality, value, and usability of educational data, it must be skills-based, interoperable, and structured (i.e., data for specific jobs)



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## Competing on Data

- While we have improved our workforce data, major gaps remain
- We need better data on education and training outcomes, including skills
- We do not know enough about in-demand jobs and when they change, and we know even less about employment and earnings outcomes
- Existing AI has been very useful, but we need a leap forward and more and better 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 about learning, people, and jobs)



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## Common Education Data

GEDS is an education data management initiative whose purpose is to facilitate data exchange within and across P-20W institutions and sectors. The initiative includes data models that reflect that vocabulary, tools to help education data, an assembly of metadata from other education data initiatives, and a community of practitioners who discuss the uses of GEDS and the data.

➤ Common Vocabulary



➤ Open-Source Data Models

➤ 17 SEAs Implementing






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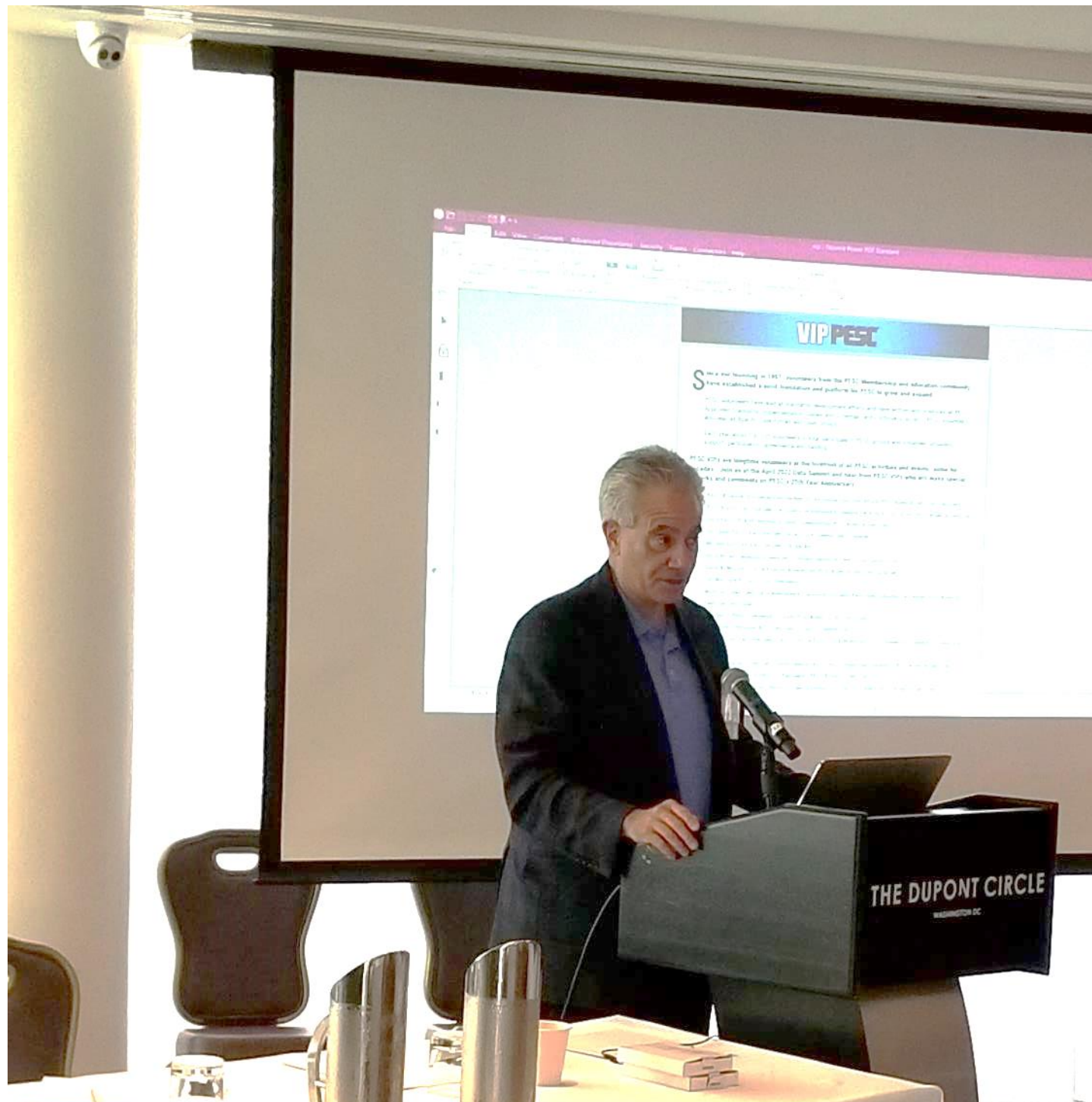
**Common Education Data Standards (CEDS)**

CEDS is an initiative data management initiative whose purpose is to streamline the understanding of data within and across P-20W institutions and sectors. The CEDS initiative includes a common vocabulary, data models that reflect that vocabulary, tools to help education stakeholders understand and use education data, an assembly of metadata from other education data initiatives, and a community of education stakeholders who discuss the uses of CEDS and the development of the standard.

- Common Vocabulary 
- Open-Source Data Models  
- 17 SEAs Implementing

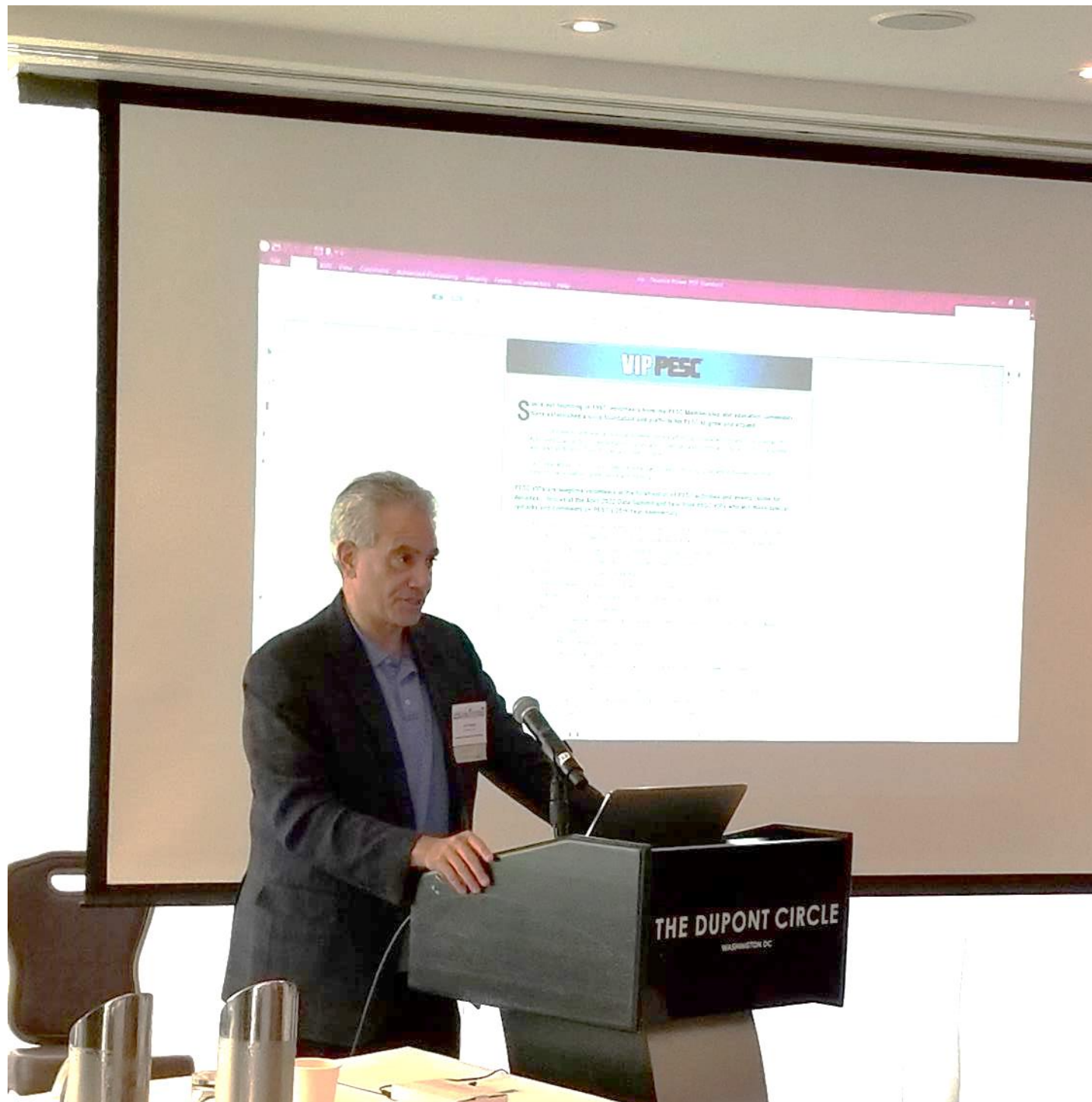


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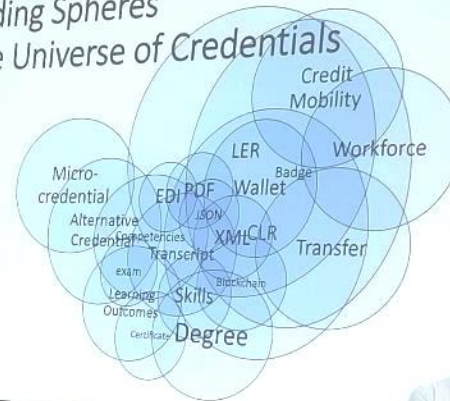
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## Colliding Spheres in the Universe of Credentials



AACRAO



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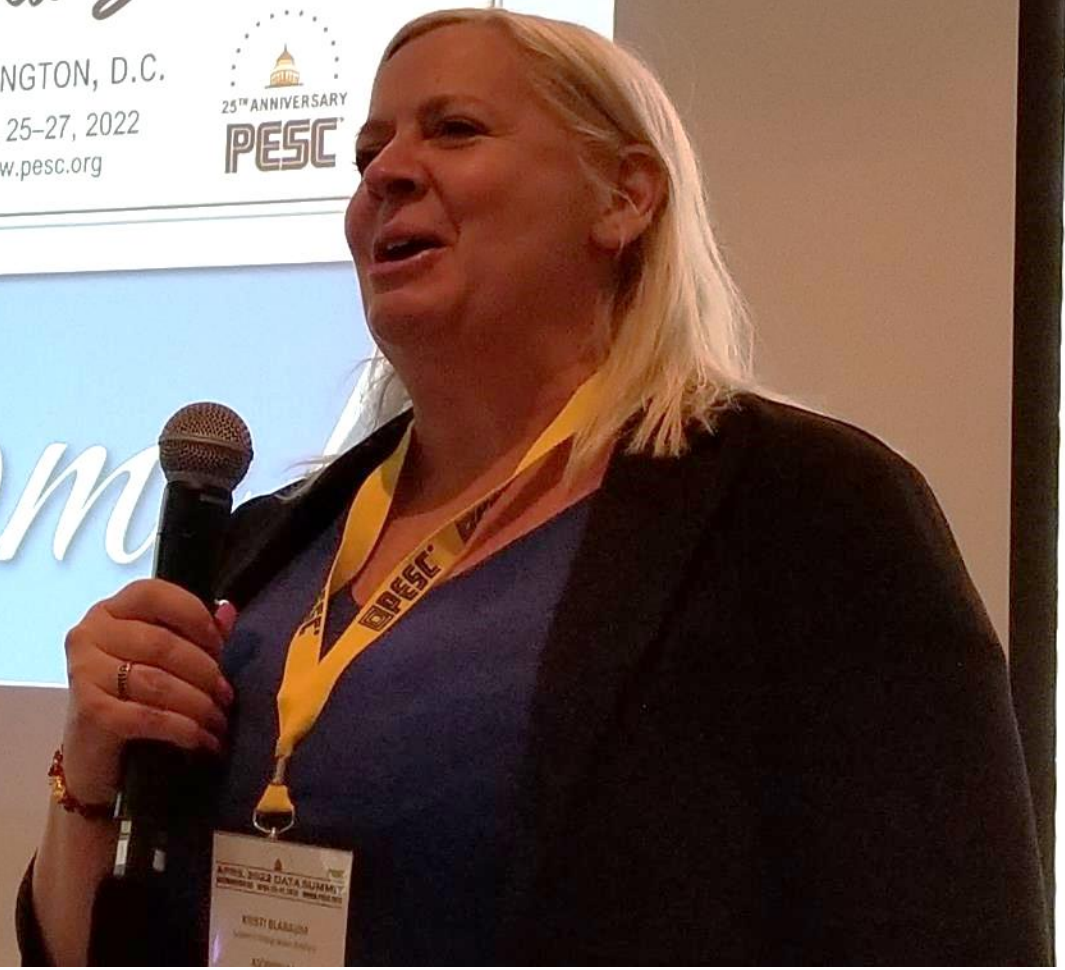


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# Welcom



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# *Welcome*



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WASHINGTON, D.C. MONTGOMERY  
BETH BARRON  
SILVER SPONSOR

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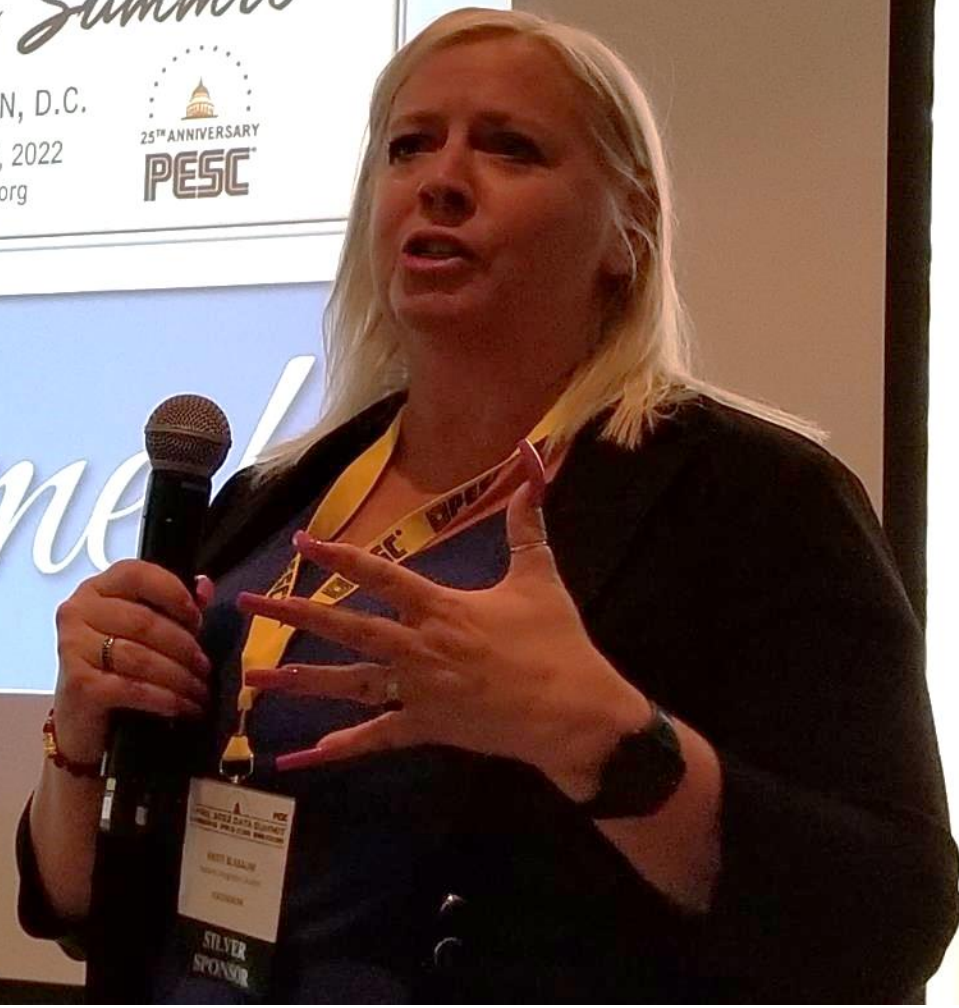


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## Standards Upgrade Pathway

- Together, we are developing a Standards Upgrade Pathway for version control and alignment.
- Historical - collecting stories
- Post-secondary transcripts
  - EDI to EDI
  - EDI to PESO XML
  - PESO XML - moving to a new version of College Transcript standard
  - PDF to XML for National Exchange in Canada
- High School Transcripts
  - Paper to PESO XML
  - Electronic spreadsheets to PESO XML

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## Agenda

- Introductions – Panelists
- Panel Discussion
  - What are the specific issues facing educational data systems with regard to identity?
  - Ellucian Case Study for "Preferred Name"
  - 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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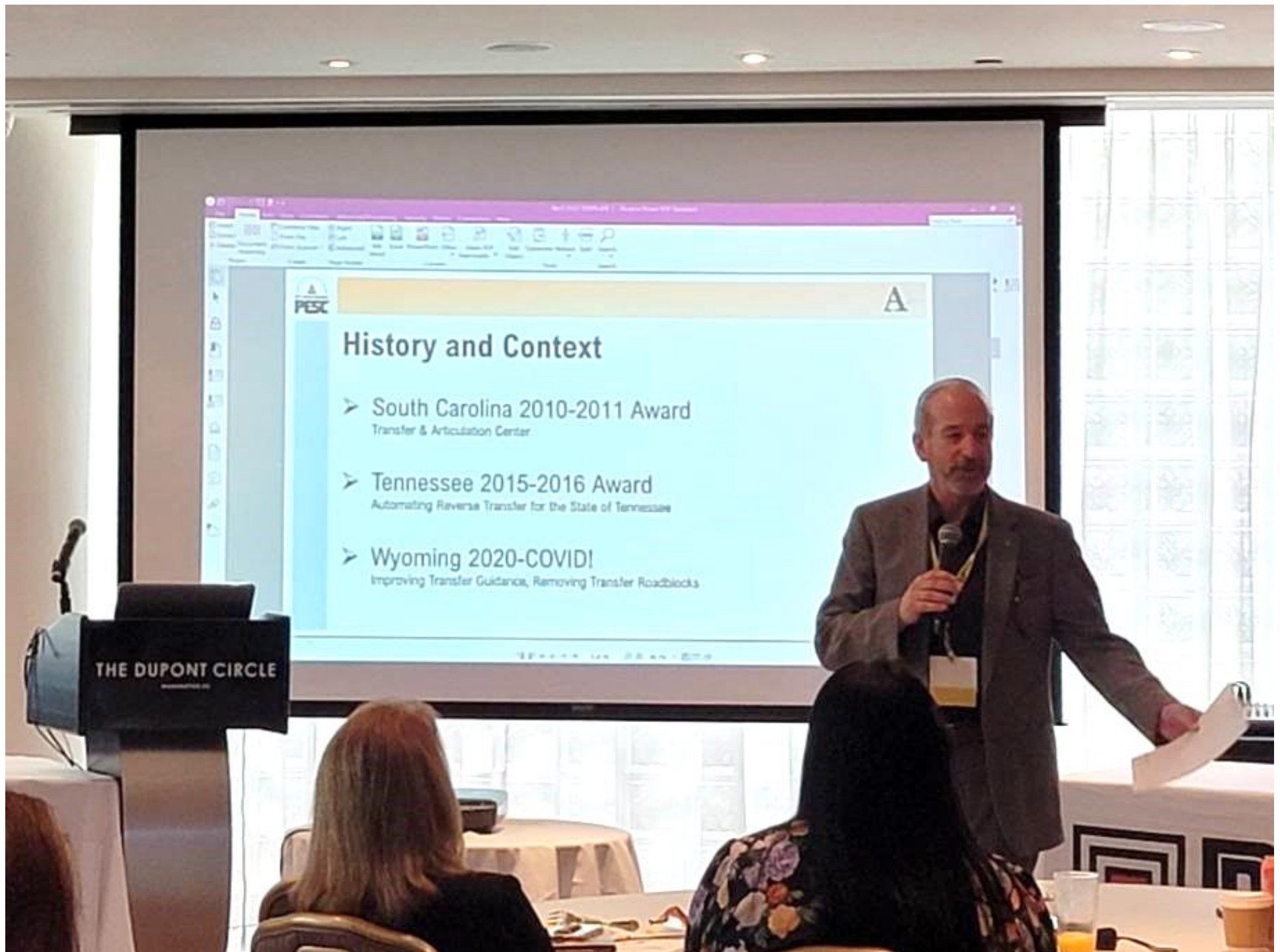




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## History and Context

- 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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## Data Standards Initiatives

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VIEWS FROM THE CAMPUS  
**FROM MY PERSPECTIVE**  
Moderator: April 20, 2022  
2:00pm - 3:00pm

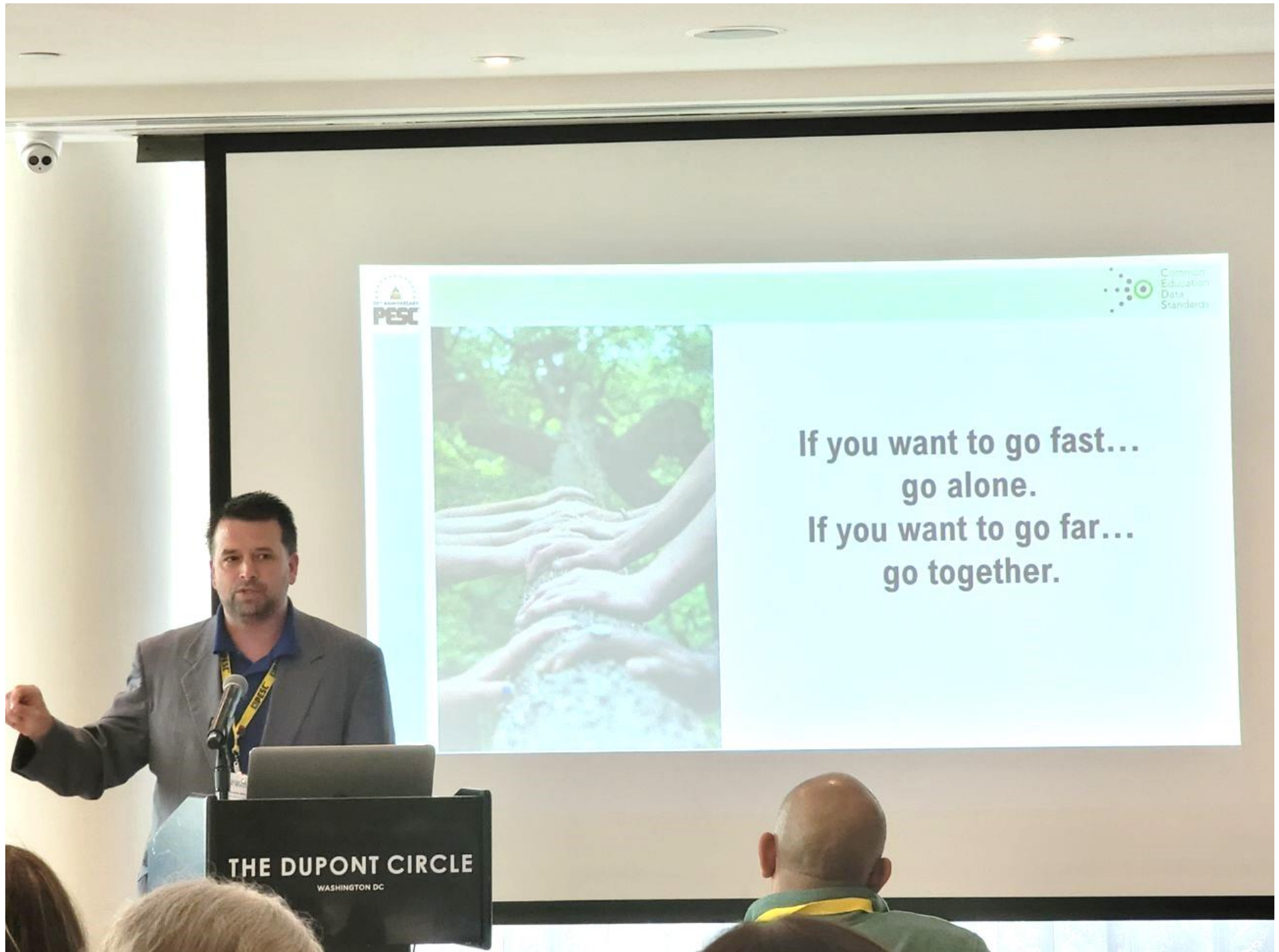
 <b>Dennis Becker</b> University Registrar University of Iowa	 <b>W. Bryant Faust</b> Associate Dean & Registrar College of Arts & Sciences University of Michigan	 <b>Katherine Mansley</b> Associate Vice President (Student Affairs) Student Affairs University of Cambridge
---	---	--

Webinar: Michael Ross, President & CEO, PESCC  
Student affairs professionals, including registrars, admissions staff and financial aid officers are at the forefront of serving students. Meeting students needs to be inclusive and respect the needs of things while maintaining

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 PESCC

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**If you want to go fast...  
go alone.  
If you want to go far...  
go together.**

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### DATA STANDARDS INITIATIVES OPEN DATA STANDARDS AND THE INDIANA ACHIEVEMENT WALLET

*Kacey Thorne, Director of Skills Architecture  
Western Governors University*

*Darin R. Hobbs, VP of Academic Records  
Western Governors University*

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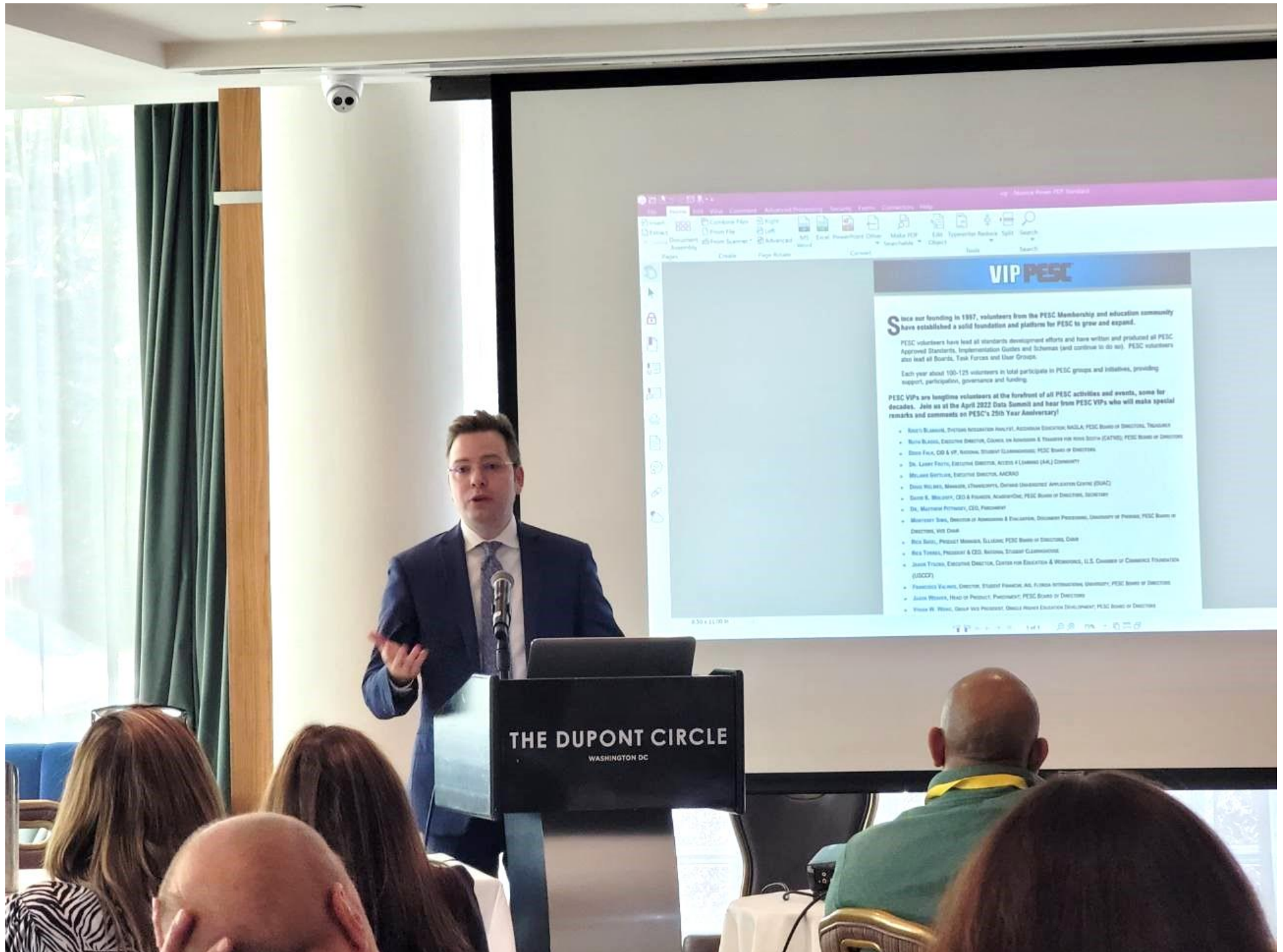
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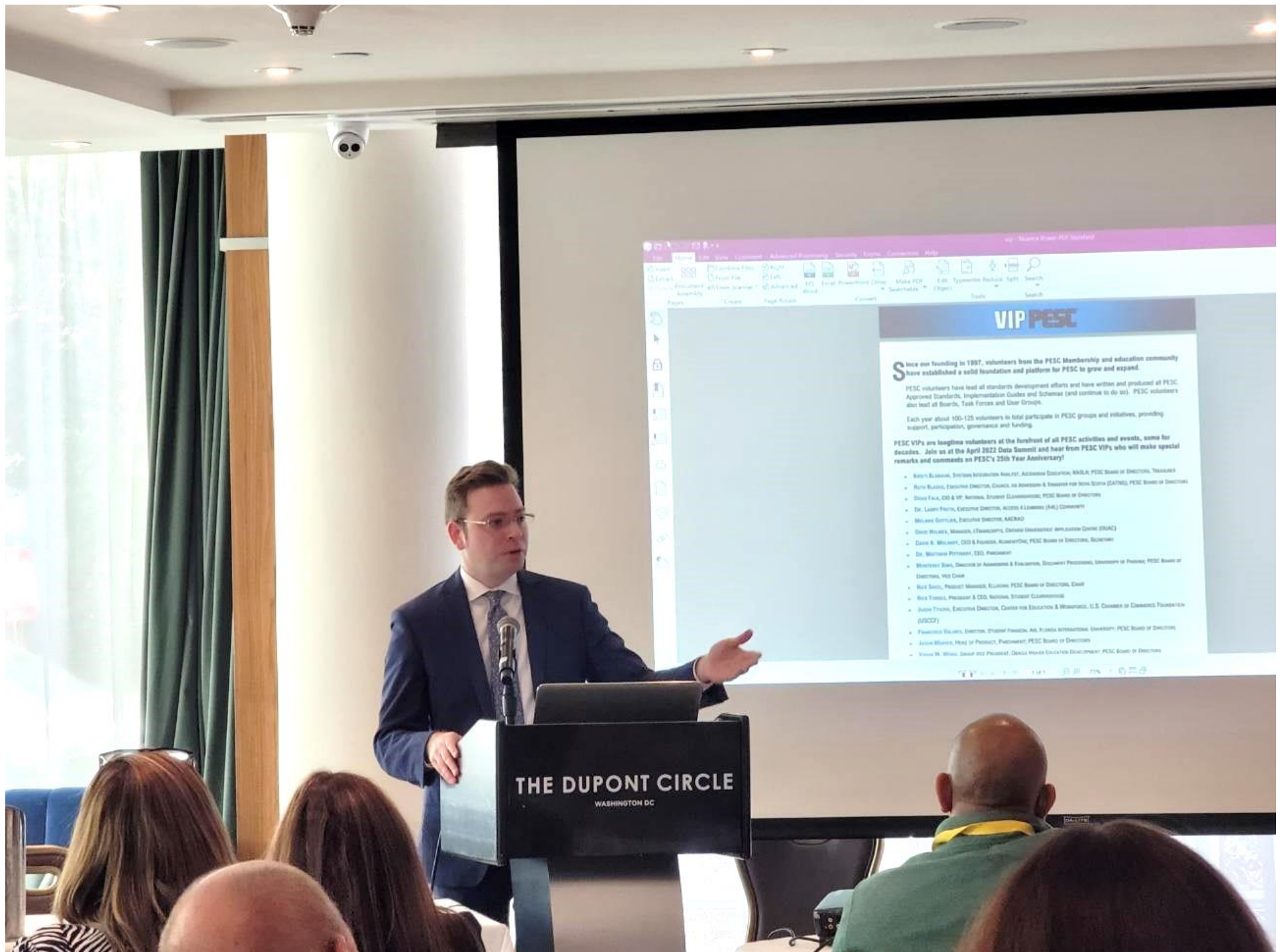
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The screenshot shows the website for the PESC Gender Identity Task Force. The page has a light blue background. At the top left is the PESC logo (Postsecondary Electronic Standards Council). To the right of the logo is the title "Gender Identity Task Force" and the subtitle "Gender Identity, Gender Expression & Sexual Orientation". Below the title is a navigation menu with links for Home, About Us, Goals and Initiatives, PESC Approved Standards, Membership, and Events. On the left side, there is a vertical social media sharing bar with icons for Facebook, Twitter, LinkedIn, and a plus sign. The main content area features a "Welcome!" graphic with colorful gears on the left and a world map composed of small human figures on the right. Below the world map is the heading "GENDER IDENTITY TASK FORCE" and a paragraph of text: "The Gender Identity in Data Systems & Lifelong Learning Task Force is an open, collaborative discussion group looking to provide education & information on gender identity, gender expression & sexual orientation and if needed, changes and updates to PESC Approved Standards." The PESC logo is also visible at the bottom of the welcome graphic.



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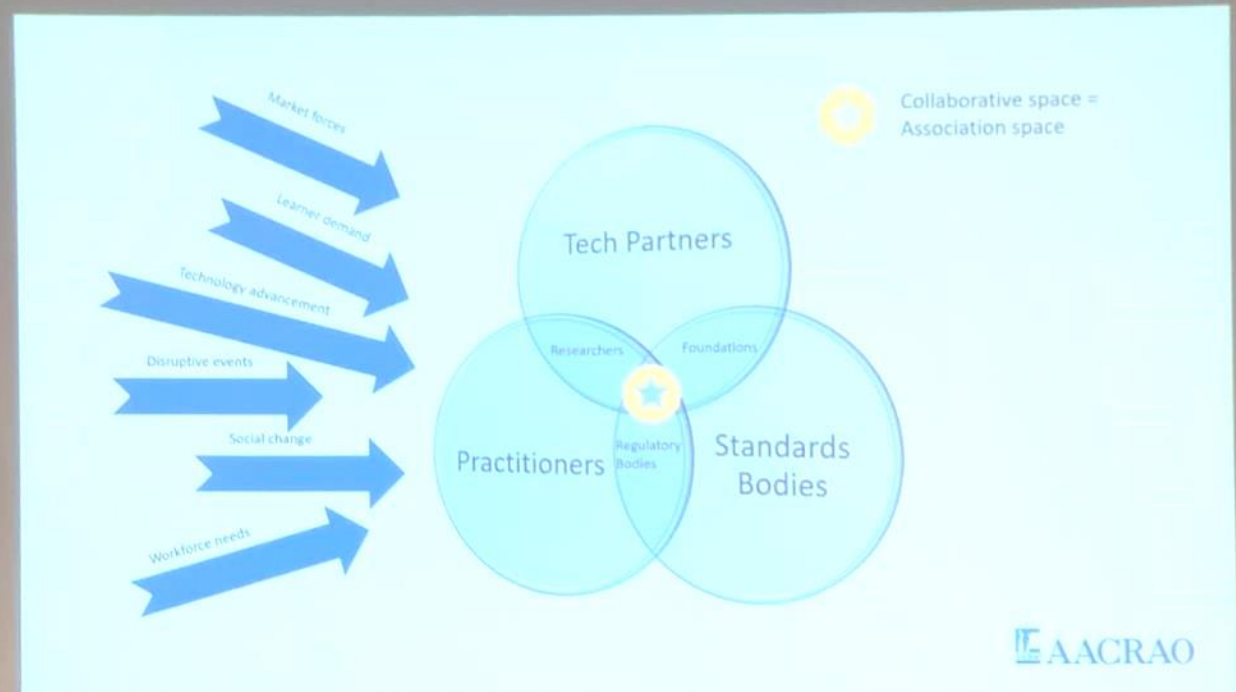
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Leading the establishment and adoption of trusted, free & open  
data standards across the education domain since 1997

