FALL 2018

DATA SUMMIT

SAN FRANCISCO

Sheraton Fisherman's Wharf

PROGRAM

OCTOBER 17–19, 2018

PESC®
MULTIPLE STAKEHOLDERS. ONE VISION.

#PESCfall18summit
www.PESC.org

JOIN THE EFFORT.
JOIN THE COMMUNITY.

JOIN PESC.

Message brought to you by
Postsecondary Electronic Standards Council, maker of standards.

#CollegeandCareer
www.PESC.org

MAXIMIZING THE VALUE & INTEGRITY OF YOUR TECHNOLOGY

POSTSECONDARY ELECTRONIC STANDARDS COUNCIL
PESC is the voice for efficient, trusted and secure real-time exchange of student and learner data in the education ecosystem. For seamless integration of student data from high school into the college and university environment, through successful completion of the education experience and into the workforce; and to connect education with labor, government, HR and health sectors —
PESC APPROVED STANDARDS ARE THE SOLUTION!

Transparent collaboration is PESC's cornerstone principle. The open sharing of ideas and best practices reminds us that while we work in a competitive environment, as stakeholders, we must also cooperate and work together for the greater common good. That greater common good is ensuring opportunity, progression and achievement for all students and learners and fostering a successful learning experience.

FREE, OPEN AND TRUSTED PESC APPROVED STANDARDS
PESC is driving alignment, harmonization and collaborative development across disparate systems & sectors; and is eliminating costly barriers impacting students, learners, faculty, families, institutions, states/provinces, vendors & taxpayers.

PESC and PESC's Member Community envision an open, accessible and digitally connected ecosystem enabling students and learners to successfully achieve their goals. The vision is achievable. We have the ability. We have identified what needs to be done and we know how to do it.

PESC®

JOIN THE COMMUNITY
JOIN THE EFFORT
JOIN PESC

WWW.PESC.ORG

BECOME A DATA ADVOCATE

Message brought to you by
Postsecondary Electronic Standards Council, maker of standards.

#CollegeandCareer

www.PESC.org

INTRODUCTION

Data systems only do what you ask them to do.

Are you asking the right questions?

With PESC's mission of fostering open, transparent collaboration across educational communities, attendees of PESC's Fall 2018 Data Summit can expect:

➢ *To learn about emerging initiatives & be provided with a tremendous amount of resources*

➢ *To be connected through PESC to a growing global community*

➢ *To hear about new opportunities, pilot projects & demonstrations*

➢ *To participate in discussions with leaders of emerging initiatives*

At the Fall 2018 Data Summit in San Francisco, PESC is

INSPIRING DIGITALIZATION & MOBILITY ACROSS EDUCATION & EMPLOYMENT!

In the Fall of 2016 in San Diego at *EDiNTEROP*, PESC resources combined under the Academic Credentialing & Experiential Learning Task Force to produce the *Common Credential for Certificates, Degrees & Diplomas* in record time, in use at Stanford University.

For the Spring of 2017 in DC, PESC looked externally in producing *Empowering the Mobility of Digital Academic Credentials*, showcasing external projects, resources and speakers (e.g. Credential Engine, etc.) and exemplifying the value and need for engagement of all stakeholders in the ecosystem.

Fall 2017 took PESC to Toronto for its 20th Anniversary and *Advancing Student Mobility in a Digital World*, to invigorate mobility & collaboration across Canada, one of the largest users of all PESC Approved Standards, and highlight the valuable partnership with ARUCC.

At the recent Spring 2018 Data Summit in Washington DC *Best Practices in Education Data Systems*, PESC convened thought-leaders and experts across policy, practice and technology, featuring key speakers from the T3 Innovation Network of the US Chamber of Commerce Foundation and Lumina Foundation, in support of the employment sector emerging on the demand side of a 'supply-demand' model.

Now at the Fall 2018 Data Summit in San Francisco, we're *Inspiring Digitalization and Mobility Across Education and Employment*, and focusing on those who interact with students directly: Registrars, SIS Vendors, Application Centers and Credential Evaluators. While no unified, technological solution has yet to emerge that will satisfy all the various needs of students and college & universities, or may ever, many among the PESC Community have new, innovative ideas. Sharing those ideas, educating others, encouraging pilots and experimentation are critical to enabling the right solution to emerge and be adopted.

PROGRAM COMMITTEE

PESC thanks the following PESC Members who assisted in planning and producing the Fall 2018 Data Summit program, speakers and overall event!

LIZ DIETZ
Vice President
Student Strategy & Product Management
Workday

RICK SKEEL
Director of Product Management
Ellucian

TUAN ANH DO
Senior Director for Infrastructure Services and
Interim Information Security Officer
San Francisco State University

VIVIAN WONG
Group Vice President
Higher Education Development
Oracle

WELCOME

The PESC Membership and the General Public are welcome and encouraged to register and attend!

The PESC FALL 2018 DATA SUMMIT is held Wednesday October 17-19, 2018 in San Francisco. Beginning at 7:30am on October 17, 2018 with continental breakfast, registration and a 1st Time Attendee Meet & Greet Session, the FALL 2018 DATA SUMMIT includes PESCs Annual Membership Meeting, Annual Reception, concluding by noon Friday October 19, 2018.

The PESC FALL 2018 DATA SUMMIT includes a range of topics all targeting: access, integration and implementation of data systems; maintenance and promotion of data exchange standards; open, community-driven development and innovation of technology; data privacy, data quality, data management, and data collection & reporting; mobility and overall interoperability; & other key factors that drive global education data systems development, technology & standards.

PESC and ITS MEMBERS lead open, transparent, collaborative development across P20W Education. Supporting this mission are PESC partners AACRAO, APEREO, ARUCC, A4L, DXtera Institute, EMREX, EWP, Groningen Declaration Network, HR Open Standards, Internet2, SHEEO & US Department of Education's Common Education Data Standards (CEDS) Initiative.

PROGRAM AT-A-GLANCE

	Wednesday October 17, 2018	Thursday October 18, 2018	Friday October 19, 2018
7.30am – 9.00am	CONTINENTAL BREAKFAST Marina Ballroom		
7.30am – 5.00pm	REGISTRATION Marina Ballroom		
8.30am – 10.00am	GENERAL 8.30am – 9.00am **Welcome** 9.00am – 9.30am **Jenifer Kautzman** Associate Director ACE 9.30am – 10:00am **Nicole Engelbert** Vice President Oracle Higher ED	8.30am – 9.15am **Mark McConohay** AVP & Registrar Indiana University 9.15am – 10.00am **Scott Cheney** Executive Director **Jeff Grann** Credentials Solutions Credential Engine	Marina I — CANADIAN PESC USER GROUP* • BREAKOUT Presidential — GEO CODE USER GROUP • Marina II — JSON TASK FORCE*
10.00am – 10.30am	BREAK Marina Ballroom		
10.30am - Noon	10.30am – 11.15am **Charmaine Hack** Chair ARUCC/GDN Project 11.15am – Noon **Jenny Rickard** President Common Application	10.30am – 11.15am **Margit Schatzman** President ECE 11.15am – Noon **GDPR Panel** Mary Chapin, NSC Dearv O'Crowley, Workday Rick Skeel, Ellucian	Marina I — AACRAO SPEEDE Committee • Presidential — ADMISSIONS WORK GROUP • Marina II — PESC GDPR Forum*
Noon – 1.30pm	LUNCH – *Networking* Marina Ballroom	LUNCH – *Distinguished Service Awards* Marina Ballroom	ADJOURN
1.30pm – 3.00pm	1.30pm – 2.00pm **Helen Chen** Research Scientist Stanford University 2.00pm – 2.30pm **Angie Selden** CEO Digital Architecture 2.30pm – 3.00pm **Liz Dietz** VP, Student Strategy & Product Mgmt, Workday	BREAKOUT Marina II — **DXtera** Dale Allen President • Marina I — **Viridis** Felix Ortiz CEO • Presidential — **DegreeData** Anne Valentine President	
3.00pm – 3.30pm	BREAK Marina Ballroom		
3.30pm – 5.00pm	3.30pm – 4.00pm **Josh Dietrich** Vice President, Product Development, Ellucian 4.00pm – 5.00pm **The T3 Innovation Network*** Joshua Westfall, Sr. Manager Policy & Programs, USCCF	Marina II — ACADEMIC CREDENTIALING TASK FORCE* • Marina I — EDEXCHANGE USER GROUP • Presidential — STANDARDS FORUM FOR EDUCATION	
5.00pm – 6.00pm		ANNUAL FALL PESC MEMBER MEETING Marina II	
6.00pm – 7.00pm	ANNUAL FALL RECEPTION Courtyard		

* Indicates open participation to all remote PESC Members and general public available via webinar and/or conference call.

All General and Breakout Sessions and Data Summit events are open to all registered attendees.

PROGRAM

WEDNESDAY OCTOBER 17, 2018

7.30am – 9.00am	Continental Breakfast – First Time Attendee Meet & Greet *Marina Ballroom*
7.30am – 5.00am	Registration *Marina Ballroom*

GENERAL SESSIONS

8.30am – 9.00am **Welcome & Introductions**

Matt Bemis, Associate Registrar, University of Southern California

Liz Dietz, Vice President, Student Strategy & Product Management, Workday
Tuan Anh Do, Sr. Director, Infrastructure Services & Interim Information Security Officer, San Francisco State University
Rick Skeel, Director of Product Management, Ellucian
Vivian Wong, Group Vice President, Oracle Higher Education Development

9.00am – 9.30am **Breaking Barriers and Advancing Postsecondary Credentials**

Jenifer Kautzman, Associate Director, American Council on Education

Moderator: Michael Sessa, President & CEO, PESC

Translating learning between industries and education is a major challenge facing the nation in our effort to support students and remain relevant in the global workforce and economy. The American Council on Education, with support from Lumina Foundation and in partnership with Credly, have worked to combine our expertise with the emerging needs of adult learners to develop a dual academic and workforce-relevant transcript. These enhanced transcripts will provide a learner-centered approach to documenting attainment of academic credit, competencies, and skills. In this session, you will learn about our journey to define and create transparent credentials, process innovations and technology solutions leveraged to meet unique challenges, and discuss best practices for development of competency-based education models.

9.30am – 10.00am **Disruptive Forces and New Technology: How Do You Decide?**

Nicole Engelbert, Vice President, Oracle Higher Education Development

Moderator: Vivian Wong, Group Vice President, Oracle Higher Education Development

The education and research industry face unprecedented disruption – disruption that presents significant challenges but also opportunities. From decreased funding sources, to rising student expectations, globalization, and much more. Technology offers compelling options that could help institutions address these challenges and opportunities. But its applications needs to be considered carefully and strategically. Immediately jumping to the latest shiny-object that appears on the market, will often not bode well. This presentation will outline some of the disruptions, some of the latest technology and some considerations for institutions to pick a strategic path through the options available.

10.00am – 10.30am Break
Marina Ballroom

10.30am – 11.15am   **Developing a National Data Exchange Solution | The ARUCC Groningen & Student Mobility Project**

> **Charmaine Hack,** Chair, ARUCC Groningen & Student Mobility Project Steering Committee; Past-President, Association of Registrars of the Universities & Colleges of Canada (ARUCC); Registrar, Ryerson University
>
> *Moderator: Francisco Valines, Director of Financial Aid, Florida International University*

The ARUCC Groningen & Student Mobility Project, established in 2015, seeks to advance national and international student mobility through trusted electronic data exchange. Its primary goal includes enhancing Canada-wide data exchange capacity by creating a national network that supports post-secondary institutions and students. At the ARUCC/CACUSS Conference, unanimous endorsement was received from ARUCC Members to continue moving ahead with developing a national data exchange solution with next steps lined up for RFP development and funding. Charmaine Hack speaks nationally and internationally, most recently at the joint ARUCC/CACUSS Conference held in Charlottetown last month, at the Groningen Declaration Network 7th Annual Meeting in Paris this past spring, and at the PESC Fall 2017 Data Summit held in Toronto. Both ARUCC and PESC are Signatories to the Groningen Declaration Network.

11.15am – Noon   **Reaching New Heights: Scaling the College Admissions Process through The Common Applilcation**

> **Jenny Rickard,** President & CEO, The Common Application
>
> *Moderator: Matt Bemis, Associate Registrar, University of Southern California*

This session will highlight how the non-profit Common Application organization has evolved over the past forty years and is helping underrepresented students see college as a possibility, lowering the barriers to access for post-traditional students, championing those who support students, and delivering data-driven insight to admissions professionals. Learn how the Common App's technology and network of member institutions, combined with the organization's recent acquisition of Reach Higher, a college access initiative started by former First Lady Michelle Obama during her time in the White House, are leveraging evidence-based practices to increase college access and success.

Noon – 1.30pm   Lunch – *Networking*
Marina Ballroom

1.30pm – 2.00pm   **Learners as Agents of Data Integration and Transfer**

> **Helen L. Chen,** Research Scientist, Designing Education Lab, Stanford University
>
> *Moderator: Kristi Blabaum, Systems Integration Analyst, Great Lakes Higher Education*

Recent advances in technology solutions and the evolution of data exchange standards are paving the way for a technical infrastructure that can support learners across the educational trajectory. However, as we consider the changing demographics of our learners and the multiple pathways by which they enter, exit, and return to higher education, it is clear that it's the learners themselves who must become "agents of integration" (Nowacek, 2011). This session explores how lifelong and lifewide learning is being realized in order to identify and inform opportunities for meaningful experimentation and thoughtful partnerships to engage all stakeholders in the higher education ecosystem.

2.00pm – 2.30pm   **Connected Curriculum: Taking Education Higher**

> **Angie Selden,** CEO, DIGARC & **Ben Battle,** CTO, DIGARC
>
> *Moderator: David Moldoff, CEO & Founder, AcademyOne*

Cut costs. Justify tuition prices. Keep pace with skills requirements. Improve student outcomes. Today's higher education institutions are battling many fronts. At the same time, students increasingly demand transfer credit, flexible curriculum, clear paths to completion and personalized service. Unfortunately, most institutions' processes don't share data and analytics to improve the way the business of educating gets done. Hear how DIGARC's Connected Curriculum platform enables student and institution success by transforming complex curriculum tasks and data into intuitive, automated processes that place students first, while providing the transparency and operational efficiencies institutions desire.

2.30pm – 3.00pm   **Workday Student – Disrupting the Status Quo**

> **Liz Dietz,** Vice President, Student Strategy & Product Development, Workday
>
> *Moderator: Tuan Anh Do, Senior Director for Infrastructure Services and Interim Information Security Officer, San Francisco State University*

Come hear about Workday's five year strategic journey bringing the first modern, true SaaS Student Management System to market from inception to customer adoption, and why Workday is putting the Student at the heart of the Enterprise.

3.00pm – 3.30pm   Break
Marina Ballroom

3.30pm – 4.00pm	**Driving Student Success Through an Empowered Campus**

Josh Dietrich, Vice President, Product Management, Ellucian

Moderator: Rick Skeel, Director of Product Management, Ellucian

Today's campuses are like cities with dozens of departments, hundreds of applications, and thousands of people all producing vast amounts of data. While institutions strive to create programs that drive student success, they are hampered by siloed data, brittle integrations and costly maintenance cycles. Hear how Ellucian is leveraging innovative technology to create an empowered campus through a data model and integration strategy purpose-built for higher education.

4.00pm – 5.00pm	**T3 Innovation Network: Collaboration with the US Chamber of Commerce Foundation & Lumina Foundation**

Joshua Westfall, Senior Manager, Policy & Programs, U.S. Chamber of Commerce Foundation

Moderator: Jason Weaver, Senior Director, Products, Parchment

The T3 Innovation Network, launched in early 2018 by the U.S. Chamber of Commerce Foundation and the Lumina Foundation, has since grown from a kickoff meeting of 60 individuals to a thriving network of over 150 organizations. In its first six months of existence, the T3 Innovation Network held ten webinars, produced a background paper, four work group reports, and identified 50 use cases resulting in ten pilot projects. On September 6, 2018, the T3 Innovation Network was convened, adding a number of new organizations, in New York City at the headquarters of LinkedIn. A draft of the final report was shared and is now in the process of being finalized for release. The T3 Innovation Network has become the go-to space to explore new and emerging technologies— such as Semantic Web, Artificial Intelligence, machine learning, and distributed ledger technologies—and to advance recommendations for an open, shared data infrastructure for learners and workers alike. Additional organizations are welcome to join the T3 Innovation Network and support the exploration of emerging technologies and standards in the talent marketplace to better align student, workforce, and credentialing data with the needs of the new economy. For more information on the T3 Innovation Network, please visit https://www.uschamberfoundation.org/t3-innovation.

6.00pm – 7.00pm	Annual Fall Reception
	Courtyard

PROGRAM

THURSDAY OCTOBER 18, 2018

7.30am – 9.00am	Continental Breakfast Marina Ballroom
7.30am – 5.00am	Registration Marina Ballroom

GENERAL SESSIONS

8.30am – 9.15am **The Future of the Academic Record and How Technology, AACRAO, and All of Us Are Intertwined**

> **Mark McConahay**, Associate Vice Provost and Registrar, Indiana University; Vice President of Information Technology, AACRAO Board of Directors
>
> Moderator: Michael Sessa, President & CEO, PESC

Technology has the potential to, and is fundamentally changing, the capability of the academic record to carry and communicate student learning and achievement. In fact, technology, trends in both the higher educational and professional training space, increased public accountability, labor market needs and the "Netflixification" of instruction are forcing a reexamination of the fundamental nature of our credentials and the records that support them. This session will lay a foundation describing the space and the role AACRAO (and others) may have in providing some direction and administrative governance in the future.

9.15am – 10.00am **Expanding Credential Transparency & Interoperability: How the Credential Registry Is Growing**

> **Scott Cheney**, Executive Director, Credential Engine
> **Jeff Grann**, Credentials Solutions Lead, Credential Engine
>
> Moderator: Jason Weaver, Senior Director, Products, Parchment

Use and applicability of Credential Engine's Credential Transparency Description Language (CTDL) continues to grow; supporting new "career pathway" descriptors, competency frameworks, and quality assurance actions. This session contextualizes these CTDL updates within states and educational systems. We also share plans for harmonizing data specifications across the ecosystem and promising collaborations with industry sectors and government agencies.

10.00am – 10.30am Break
Marina Ballroom

10.30am – 11.15am **International Credential Evaluation: Why it matters and Its Role in the Data Ecosystem?**

> **Margit A. Schatzman**, President, Educational Credential Evaluators, Inc.
>
> Moderator: James Kelly, Senior Director of Technology, Educational Credential Evaluators

In an era of tension related to foreigners, immigration and refugees, what is the relevance of international credential evaluation in higher education? This presentation will introduce the role of credential evaluation, provide an overview of the process, how the work effort and analysis are completed and current & future challenges. The impact of emerging technologies and changes in

practices will also be examined. How do credential evaluators relate to stakeholders in the PESC Community, Membership and attendees of the Summit? Discussion will conclude with what's next on the horizon for this little understood, minimally regulated and disproportionately important profession.

11.15am – Noon   **GDPR Panel & Forum: Legal and Technical Implementation**

> **Mary Chapin**, Chief Legal Officer, VP & Corporate Secretary, National Student Clearinghouse
> **Dearv O'Crowley**, Product Manager, Workday
> **Rick Skeel**, Director of Product Management, Ellucian
>
> *Moderator: Doug Falk, CIO & VP, National Student Clearinghouse*

As the European Union's General Data Protection Regulation (GDPR) has been in effect for 6 months now, several critical issues remain unknown about how postsecondary institutions (registrars and admissions officers) and Student Information Systems (SIS) vendors are implementing GDPR. What rules are colleges and universities applying to student records to determine if a record is subject to GDPR? Are there standards for the set of data elements required to correctly store GDPR indicators on the student record? Have SIS vendors already updated their systems to include GDPR attributes on the student record? If so, how did they determine the necessary fields and rules for storing GDPR flags and/or indicators? For the 'right to be forgotten,' what is the extent of responsibility for one organization informing another regarding data to be 'forgotten?' Have the legal departments of the SIS vendors interpreted GDPR differently, and if so, how might that impact how data is stored and exchanged? Might PESC need to coordinate standardizing transmission of GDPR indicators in EDI/XML and other file formats. This panel will discuss these topics and announce the launch of PESC's GDPR Forum, an ongoing PESC group for legal, technical implementation questions related to GDPR and the roles and responsibilities required by service providers, third parties and student information systems.

Noon – 1.30pm   Lunch – *Distinguished Service Awards*
Marina Ballroom

1.30pm – 3.00pm   ## BREAKOUT SESSIONS

Presidential   **Introducing Solutions-Based DegreeData**

> **Anne Valentine**, CEO, DegreeData

DegeeData, a leading PESC Member, is building relationships and forming partnerships. Come hear the latest about new solutions for course data that benefits all!

Marina II   **Enabling Next Generation Education Infrastructure**

> **Dale Allen**, President & Co-Founder, DXtera Institute

Learn how the DXtera Institute, its members and affiliates are leading a movement towards next generation enterprise software. Our vision is characterized by a general departure from traditional, monolithic systems towards ecosystems of educational applications and enterprise infrastructure services that allow for a broadening marketplace of solutions and increased consumer choice. DXtera is a growing nonprofit, member-based consortium of higher education professionals collaborating to remove technology barriers so that institution leaders, faculty, staff, and students have more complete, real-time information for transforming student outcomes.

Marina I   **Artificial Intelligence & Blockchain - Enabling the Future of Work**

> **Felix Ortiz**, Founder, Chairman & CEO, Viridis

The 4th Industrial Revolution is upon us. It will arguably become the most disruptive and transformative shift in history, and it's happening at a rapid pace. Technologies such as artificial intelligence, robotics and biotechnology will have a transformative impact on nearly every industry-from manufacturing and retail to entertainment to healthcare. At the heart of everything are the billions of connections between people, systems, and devices along with the accumulation of unprecedented amounts of data. These disruptions are redefining every industry including education. As with preceding industrial revolutions, society will advance and quality of life will improve. At the same time there is risk that large groups of people will be left behind, leading to inequality and social unrest. Education is key to ensuring that people are prepared to thrive and benefit in this industrial revolution. Education institutions that do not embrace technological advances run the risk of leaving their students behind. Maintaining the status quo or ignoring this transformation will also have very serious implications such as increased dropout rates, higher mobility between institutions, longer periods of matriculation, and potential long term sustainability risks for the institution itself. Community colleges and universities need to change; and they need to adapt to ensure they can thrive during those changes. The need for change in higher education is heavily influenced by the changes on the workforce side. With automation, artificial intelligence, blockchain & other emerging tools, change is happening. Come hear how, & learn about the value these technologies bring to students, to the workforce and education.

3.00pm – 3.30pm   Break
Marina Ballroom

3.30pm – 5.00pm	**BREAKOUT SESSIONS**
Marina II	**Academic Credentialing & Experiential Learning Task Force**
Marina I	**EdExchange User Group & Steering Committee**
Presidential	**Standards Development Forum for Education**
5.00pm – 6.00pm	Annual Membership Meeting Marina II

FRIDAY OCTOBER 19, 2018

7.30am – 9.00am	Continental Breakfast Marina Ballroom
8.30am – 10.00am	**BREAKOUT SESSIONS**
Marina I	**Canadian PESC User Group**
Presidential	**GEO Code User Group & Steering Committee**
Marina II	**JSON Task Force**
10.00am – 10.30am	Break Location
10.30am – Noon	**BREAKOUT SESSIONS**
Marina I	**AACRAO SPEEDE Committee**
Presidential	**Admissions Workgroup for Standardizing Recruitment Data**
Marina II	**PESC GDPR Forum**
Noon	Adjourn

BREAKOUT SESSIONS

Thursday October 18, 2018
3.30pm – 5.00pm

Academic Credentialing & Experiential Learning Task Force (cbe@lists.pesc.org)

Chair(s): Joellen Shendy, Associate Vice Provost & University Registrar, University of Maryland, University College
Alex Jackl, President & CEO, Bardic Systems

Mission: The Academic Credentialing & Experiential Learning Task Force - While policy leaders continue to drive and facilitate the transformation of credentialing, this task force is monitoring this transformation and community progress in order to prepare PESC for any new standards as well as any extensions or additions that might be needed to existing PESC APPROVED STANDARDS.

Meets: At Fall & Spring Data Summits

Agenda: See list. 888.205.5513, 952016#.

EdExchange User Group & Steering Committee (edexchange@lists.pesc.org)

Chair(s): Mark Cohen, Product Manager, California Community Colleges

Mission: EdExchange looks to establish a data exchange platform enabling the electronic exchange of standards-based data and digital documents. Achieved through an open web services architecture and associated standards, EdExchange is designed as a peer-to-peer network providing a secure, reliable and direct connection between institutions avoiding file-based technologies.

Meets: Every Two Weeks, Thursdays, Noon EST

Agenda: See list.

Standards Development Forum (pescforum@lists.pesc.org)

Chair(s): Susan McCrackin, Senior Director of Financial Aid Methodology, College Board; Steering Committee
Kristi Blabaum, Systems Integration Analyst, Great Lakes Higher Education; Change Control Board (CCB)
Michael Morris, ACT; Technical Advisory Board (TAB)
Matt Bemis, Associate Registrar, University of Southern California; Education Record User Group (ERUG)
Jason Weaver, Senior Director, Products, Parchment; Education Record User Group (ERUG)

Mission: The Forum, governed by a Steering Committee, oversees and houses all development efforts (XML, JSON, PDF, EDI) and workgroups and is comprised of PESC members appointed by the Board of Directors.

Meets: Weekly, Fridays at 11am EDT

Agenda: See list.

BREAKOUT SESSIONS

Friday October 19, 2018
8.30am – 10.00am

Canadian PESC User Group (ca_usergroup@lists.pesc.org)

Chair(s): Cathy van Soest, EducationPlannerBC
Doug Holmes, Ontario Universities' Application Centre (OUAC)

Mission: CanPESC looks to ensure that all PESC development and deliverables support & incorporate Canadian-based stakeholder interests; encourages participation in PESC development efforts and groups; and promotes and educates Canadian stakeholders on the importance of data exchange standards and global interoperability.

Meets: Monthly, 2nd Thursday at Noon EDT

Agenda: See list. ZOOM.

GEO Code User Group & Steering Committee (geocode@lists.pesc.org)

Chair(s): Matt Bemis, Associate Registrar, University of Southern California
James Kelly, Senior Director of Technology, Educational Credential Evaluators (ECE)

Mission: The Global Education Organization (GEO) Workgroup looks to establish a standardized methodology in order to develop a global directory service of institution and education organization codes.

Meets: Every Two Weeks, Friday at 1pm EST

Agenda: See list. 888.205.5513, 952016#.

JSON Task Force (json@lists.pesc.org)

Chair(s): Michael Morris, ACT
John Lovell, Technology Director, Access 4 Learning (A4L)

Mission: PESC launched the JSON Task Force in 2017 to investigate and determine PESC's approach to JSON. In 2018, PESC and A4L joined forces in an attempt to provide a unified strategy and approach to JSON across education.

Meets: Every Monday at Noon EDT

Agenda: See list. A4L Webex.

BREAKOUT SESSIONS

Friday October 19, 2018
10.30am – Noon

AACRAO SPEEDE Committee

See AACRAO SPEEDE Committee.

Admissions Workgroup for Standardizing Recruitment Data

Chair(s): Michael Hovland, University of Iowa
Susan McCrackin, College Board

Mission: The Admissions Workgroup for Standardizing Recruitment Data is an open, collaborative development group whose goals include standardization of recruitment data from vendors and providing tools and resources campuses can use to improve the quality and usefulness of vendor data imported to their databases.

Meets: Monthly, 3rd Thursday at 3pm EDT

Agenda: TBD.

PESC GDPR Forum

Chair(s): TBD

Mission: TBD.

Meets: TBD.

MENUS

Wednesday October 17, 2018

Lunch

Vegetable Soup

Edamame bean, red onion, cucumber and arugula salad, lemon-soy vinaigrette

Long-grain rice, shrimp and grilled vegetable salad

Fresh herb-roasted chicken with vegetable jus lie

Citrus-baked salmon with spring onion vinaigrette

Spinach and cheese ravioli with peas and herb butter broth

Chef's assorted artisan pastries

Wednesday October 17, 2018

Reception

Curry chicken salad tartlet

Kobe beef sliders

Tomato and basil bruschetta

2 complimentary beer/wine

Cash bar

Thursday October 18, 2018

Lunch

Anchor Steam chili with local aged cheddar and onions

Cornbread muffins and orange blossom honey butter

Chopped salad with bell peppers, tomatoes, cucumbers, croutons and local beer creamy dressing

House-made coleslaw

BBQ beef brisket with caramelized onions and ciabatta rolls

Ale-battered white fish filet with chips and malt vinegar

Ale-battered onion rings

Chef's assorted handcrafted desserts

ACTIVATING INTEROPERABILITY ACROSS THE EDUCATION DOMAIN

PESC Board '10 Year Service' DC May 3-5, 2017

GDN Board in Melbourne April 26-28, 2017

PESC in San Diego October 14, 2016

PESC at GDN in Melbourne April 26-28, 2017

PESC at GDN in Melbourne April 26-28, 2017

PESC at NDIA/ADL in Alexandria August 1, 2017

PESC at GDN in Malaga May 4-6, 2015

EWP at PESC San Diego May 3-5, 2017

GDN at PESC DC April 13, 2016

PESC in San Diego October 14, 2016

PESC at EWP in Brussels Sept 26, 2017

PESC at EWP in Brussels Sept 26, 2017

PESC at EAIE in Glasgow Sept 15, 2015
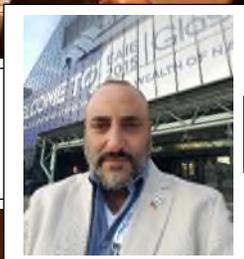
PESC at GDN in Melbourne April 26-28, 2017

PESC at GDN in Cape Town May 17-19, 2016

PESC at Blockchain Conference in Groningen Sept 5, 2017

SPEAKER BIOS

DALE ALLEN
Dale Allen is President & Co-Founder of DXtera Institute.

BEN BATTLE
Ben Battle is CTO of DIGARC.

MARY CHAPIN
Mary Chapin is Chief Legal Officer, Vice President and Corporate Secretary for the National Student Clearinghouse.

HELEN CHEN
Helen L. Chen is a research scientist in the Designing Education Lab in the Department of Mechanical Engineering at Stanford University. Helen is a board member for the Association for Authentic, Experiential and Evidence-Based Learning (AAEEBL) and is a co-author of *Documenting Learning with ePortfolios: A Guide for College Instructors* and co-executive editor of the *International Journal of ePortfolio*. She works closely with the Association of American Colleges and Universities and consults with colleges and universities on general education redesign, authentic assessment approaches, design thinking, and personal branding and ePortfolios. Her current research and scholarship focus on engineering and entrepreneurship education; the pedagogy of portfolios and reflective practice in higher education; and redesigning how learning is recorded and recognized in traditional transcripts and academic credentials. Helen holds an undergraduate degree in communication from UCLA and a PhD in communication with a minor in psychology from Stanford University.

SCOTT CHENEY
Scott Cheney is Credential Engine's first Executive Director where he leads the organization's efforts to bring transparency and credential literacy to the marketplace. Scott has over 25 years of experience in and brings a multi-faceted perspective to, developing the skills of the U.S. workforce to meet the needs of the current and emerging economy. Prior to Credential Engine, he served as the Policy Director for Workforce, Economic Development, and Pensions for Senator Patty Murray and the Senate Health, Education, Labor and Pensions (HELP) Committee. He led the reauthorization of the country's central workforce development legislation, the Workforce Innovation and Opportunity Act. Scott also led the Senator's work to reauthorize the Perkins Career and Technical Education Act, expand registered apprenticeships, provide training for ex-offenders to support successful re-entry, formalize research and evaluation standards at the Department of Labor, enhance services and resources for dislocated workers, modernize unemployment insurance, and better align workforce and economic development in distressed regions around the country. Previous positions with the Senator's office include serving as a Senior Advisor on the Senate Budget Committee, and as her Staff Director for the HELP Subcommittee on Employment and Workplace Safety. Before Capitol Hill, Scott formed his own consulting firm, working with a number of states, companies, foundations, and think tanks on a host of education, training and employment issues. He also held positions with the National Alliance of Business the American Society for Training and Development, the US Chamber of Commerce, and worked with foster-care, homeless youth and adult literacy programs. Scott holds a Bachelor of Arts in philosophy from Carleton College and a Master of Public Policy degree from Georgetown University.

JOSH DIETRICH
Josh Dietrich has spent his entire professional career supporting higher education with Ellucian - over 25 years. As Vice President of Product Management Josh is responsible for the strategic direction of the Banner portfolio. Previously he has served leadership roles in R&D and customer engagement.

LIZ DIETZ
Liz Dietz is vice president of student strategy and product management at Workday, responsible for strategy, design, and product management of Workday Student. Liz has more than 30 years of experience in designing, building, marketing, and supporting innovative software solutions in the education market, and has been an active advocate and supporter of electronic standards. Prior to joining Workday in 2013, Liz served as vice president for higher education at CedarCrestone, establishing its Higher Education Workday Practice. Prior to CedarCrestone Liz served as president and CEO for Xap Corp., where she stewarded the development of Xap's secondary and postsecondary transcript exchange network and led the acquisition of Bridges Transitions. While at Xap her team chaired the PESC XML Application for Admission Standard. Prior to Xap, Liz was vice president/general manager of the Campus Solutions Product Division at PeopleSoft where again she and her team were early supporters of PESC, providing resources to help define the early XML standards for the Admission

Application, High School Transcript and College Transcript. Liz joined PeopleSoft via the acquisition of Campus Solutions, the software and consulting company she co-founded that developed PeopleSoft's student administration software products.

NICOLE ENGELBERT

Nicole Engelbert is Vice President for Oracle Higher Education Development and primary spokesperson. She is focused on accelerating the creation, migration and shape of cloud migration and the development of Oracle's new Student Cloud solution suite. Joining Oracle from Ovum, a leading market research and consulting firm, Nicole served as the Director of Research & Analysis for its Technology business, and launched its higher education technology coverage in 2005. Over the last decade, Nicole has advised institutions globally on critical areas such as cloud migration, legacy modernization, emerging technologies, and student experience. She also led the development of Ovum's successful Future EdTech conference, which brings together line-of-business administrators with IT professionals to consider how technology might support the future transformation of teaching, learning, and research. With an extensive social media following, Nicole is a regular on the conference circuit—presenting at events such as Educause, Open World, Alliance, IoT Futures, Dreamforce, Future EdTech, and Ovum Industry Congress. As a key part of our higher-ed development leadership team, Nicole will be working closely with a broad range of stakeholders, including institutions, implementation partners, industry associations, and analysts, as well as Oracle's own product development, strategy, and sales teams to ensure cloud delivers on its potential.

JEFF GRANN

Jeff Grann is Credential Solutions Lead at Credential Engine. In that role, Jeff guides strategy and product development while also consulting with partners on their credentialing practices. Jeff has co-chaired the creation of multiple data specifications including those supporting competency frameworks and comprehensive learner records. Jeff holds a doctoral degree in educational psychology from the University of Minnesota and regularly presents & moderates sessions across an eclectic mix of professional organizations.

CHARMAINE HACK

Charmaine Hack is the current past-President of the Association of Registrars of the Universities and Colleges of Canada (ARUCC) and continuing Chair of the ARUCC Student Mobility and Groningen Task Force. As Chair, she represents a partnership stewarding the Canadian effort to create a national hub for the verified and secure exchange of academic data. To this effort she brings 30 years of experience in creating exemplary experiences for students and in supporting the academic enterprise with vision and creativity. Prior leadership roles include serving as President of the Ontario Universities Registrar's Association (OURA), Chair of the Ontario Universities Council on Admissions (OUCA) and four years as an elected representative on the Ryerson University Board of Governors. She is currently the University Registrar at Ryerson, providing leadership to a division that includes domestic and international recruitment, admissions and transfer, records and transcripts, graduation and verification, business systems, student fees, financial aid, awards and scholarships, scheduling, graduation and verification, academic advising and curriculum management. She is the proud recipient of a CACUSS Service Award (2018), two President's Blue and Gold Awards for Excellence (Ryerson, 2015, 2017), an OURA Lifetime Achievement Member Emeritus Award (2005) and Outstanding Service Award (2003). Charmaine holds a BA from the University of Toronto and an M.Ed. from the Ontario Institute for Studies in Education.

JENIFER KAUTZMAN

Jenifer Kautzman is an Associate Director at American Council on Education (ACE) in Washington, D.C. In her role, Jenifer oversees the transcript and learner services team, which includes a resource center, data management, transcript processing and maintenance, as well as badging initiatives and partner engagement. Jenifer has over 15 years of experience in the higher education industry and her educational background includes a MS in Student Affairs and Higher Education and a BS in Communication.

MARK MCCONOHAY

Mark McConohay is Associate Vice Provost and Registrar at Indiana University, and Vice President of Information Technology on the AACRAO Board of Directors. Mark attended Indiana University in 1976 as an undergraduate student and never left. He joined the Office of the Registrar in 1982 as an Analyst/Programmer and served as the Associate Registrar of Systems for many years. In addition to his work in the Office of the Registrar, Mark has presented at several conferences, received two EDUCAUSE Best Practice Awards (then CAUSE) and two CUMREC Best Paper Awards. Mark also has contributed to several books and articles, was a member of CUMREC Board of Directors (Chair 2002-2003), was Director of AACRAO Technology and Transfer Conference (2009 – 2015) and is currently the Vice President for Information Technology on the AACRAO Board of Directors. Mark received a B.A. in Mathematics in 1979 and a M.S. in Environmental Science in 1984.

JEFF MERRIMAN

An internationally recognized leader in educational technology, DXtera's co-founder and Chief Technology Officer, Jeff Merriman brings over thirty-five years of experience in educational innovation and collaborative leadership to the DXtera Institute. In his role as CTO, Jeff oversees technical strategy, design and development related to the DXtera consortium. His deep understanding of post-secondary information systems, along with a progressive architectural approach to scalable, extensible integration solutions, guides DXtera's technological path toward increasing digital integration and access. Jeff's career began as Director of Residential Computing at Stanford University in

1987,leading the effort to network all of Stanford's graduate and undergraduate residence halls. In 1998 he became Director of Academic Computing Technology and began to widen his focus to include issues of educational software infrastructure. In 2000, he joined MIT as Senior Strategist for Academic Computing and served as Executive Director of the Open Knowledge Initiative. Jeff has also served on the Board or Directors of the Sakai Collaborative Learning Environment, and for the Learning Curve Consortium, facilitating educational technology for K-12. Most recently, as Associate Director in MIT's Office of Digital Learning, Strategic Education Initiatives, Jeff oversaw Institutional and global projects, extending architectural approaches to educational innovation. This experience and work provides a foundation for the DXtera Institute to reimagine higher education information systems and next generation solutions.

DEARV O'CROWLEY
Dearv O'Crowley is Product Manager at Workday.

FELIX ORTIZ
Felix W. Ortiz III is the founder, chairman, and CEO of Viridis Learning, a cloud-based, SaaS technology platform that integrates with existing student information systems, government databases and labor market information to connect students to employers. Viridis Learning believes that technology can be used to enable the creation of the Skills PassportTM, a permanent employment record that has currency in the ever-evolving employment market. Ortiz is a social impact entrepreneur dedicated to the power of economic mobilization through the pathway of education and skill development. Through his work at Viridis Learning, Ortiz drives change by mobilizing the middle-skill workforce and leveling the employment playing field for young people and underserved communities. The cumbersome process of finding work as a Veteran spawned the idea to launch Viridis Learning as a solution to bridge the gap between the skilled workforce employers need and the training opportunities available to job seekers. All executed through a cloud-based, SaaS technology platform and Skills PassportTM, a competency-based permanent employability profile. The data-driven portrait retains lifetime access of students' verified knowledge, skills and ability, creating a pathway to relevant career opportunities. Lending his voice to making a change, Ortiz has used his platform to speak out about the lack of venture capital funding for Hispanic & African American tech entrepreneurs. He has started several companies, including Visionary Trade & Export, a venture he founded at age 20 that led to multi-million dollar deals for the companies that he worked with and enabled for the individuals of those countries to receive quality food that they otherwise did not have access to. While Ortiz has a proven record of accomplishment as an entrepreneur, his passion lies in helping people, both in overcoming obstacles and in achieving their desired objectives. Committing much of his personal and professional life to the development and mobilization of marginalized communities, Ortiz serves on several boards including as a Member of The Board of Directors to the New York City Technology Development Corporation, NY Hall of Science and the Osborne Foundation.

JENNY RICKARD
Jenny Rickard is President & CEO of The Common Application.

MARGIT SCHATZMAN
Margit A. Schatzman has been involved in international admissions and credential evaluation for over 35 years and is President of Educational Credential Evaluators, Inc. (ECE). ECE is a non-profit organization that provides academic institutions and other organizations with services in foreign credential evaluation, research and training in international education. ECE® Aid is the organization's charity division that provides free credential evaluations for refugees and others in need. She is a frequent speaker at U.S. and international conferences on international education on topics such as credential evaluation principles and methods, digital transfer of student data and falsified and altered documents. Her recent professional activities include serving on the founding Steering Committee of The Association for International Credential Evaluation Professionals (TAICEP), a world-wide association devoted to providing support, professional development and advocacy for international credential evaluators. She is currently Past President of TAICEP. She also serves on the Board of Directors of the Groningen Declaration Network, a group dedicated to supporting the digital student data ecosystem.

ANGIE SELDEN
Angie Selden is CEO of Digital Architecture.

RICK SKEEL
Rick Skeel worked at the University of Oklahoma as Director of Academic Records for more than 38 years and retired from that institution at the end of October 2012. He worked for the Kuali Foundation for two years and then joined Ellucian as Director of Product Management. Rick has been a long time member of PESC as a member of the AACRAO SPEEDE Committee, as a member of Kuali, and was on the Committee that formed the foundation for what became PESC. He has worked with national and community standards groups for more than 20 years through his work on SPEEDE. He has been a member of the PESC Board of Directors since July 2005.

ANNE VALENTINE

Anne Valentine has been working in the higher education sector for over twenty years. She began her career by founding SmartCatalog, a software company which manages academic content for colleges. Currently, Anne is the founder and CEO of DegreeData; a national repository of college curriculum. DegreeData provides specific information about programs and requirements from official curriculum documents exclusively. DegreeData's mission is to deliver highly-detailed credential information to colleges, individuals and employers.

JOSHUA WESTFALL

Joshua Westfall is Senior Manager of Policy and Programs at the U.S. Chamber of Commerce Foundation.

WHO WE ARE

Established in 1997 at the National Center for Higher Education, PESC is an international 501c3 non-profit, community-based, umbrella association headquartered in Washington DC of:

- Data, Software & Technology Service Providers
- Schools, Districts, Colleges & Universities
- College, University & State/Provincial Systems
- Local, State/Provincial & Federal Government Offices
- Professional, Commercial & Non-Profit Organizations
- Non-Profit Associations & Foundations

Our Mission

Through open, transparent community participation, PESC enables cost-effective connectivity between data systems in order to accelerate performance and service, to simplify data access and research, and to improve data quality along the Education lifecycle.

Our Vision

PESC envisions global interoperability within the Education domain, supported by a trustworthy, inter-connected network built by, for, and between communities of interest in which data flows digitally and seamlessly from one community or system to another and throughout the entire eco-system when and where needed without compatibility barriers but in a safe, secure, reliable, legal, and efficient manner.

Goals of the Mission

Goals of the PESC Mission Include: promoting student-centric, hub and spoke, federated identity, and similarly proven models of interoperability; fostering open, transparent collaboration across global education sectors; improving institutional performance and data quality; simplifying access and reducing cost; and enabling sustainable best practices and innovative solutions that streamline emerging technologies and disparate information systems.

PESC APPROVED STANDARDS

PESC APPROVED STANDARDS

are available openly and free of charge, for the PK20 education community, a cornerstone principle of PESC, its Mission and Membership.

PESC APPROVED STANDARDS

are workgroup developed, approved, ratified, and maintained through a transparent, open, rigorous community-based collaborative process, including a formal public notification when development initiates, and a formal public comment period all governed by PESC Members.

PESC APPROVED STANDARDS

are used, implemented, adopted and integrated in applications, products and services; support a business process or transaction, and; can be implemented or used one independently from another.

PESC TECHNOLOGY

PESC Technology is community-sourced and driven by PESC serving as an incubator to pilot and launch data standards using an open, transparent and collaborative process; and serving as a data standards-development and data standards-setting body governing resource mapping and maintenance of education ecosystem schemas, taxonomies and shared code sets in various technologies (EDI, XML, PDF, JSON, etc.).

ACADEMIC COLLEGE TRANSCRIPT

ACADEMIC ePORTFOLIO

ACADEMIC HIGH SCHOOL TRANSCRIPT

ACADEMIC RECORD

ADMISSIONS APPLICATION

COMMON CREDENTIAL FOR CERTIFICATES, DEGREES & DIPLOMAS

CORE MAIN

DATA TRANSPORT

EDI

EDUCATION COURSE INVENTORY

EDUCATION TEST SCORE REPORTING

FUNCTIONAL ACKNOWLEDGMENT

PDF ATTACHMENT

REQUEST - RESPONSE

STUDENT AID

BOARD OF DIRECTORS

DISTINGUISHED SERVICE AWARDS

Many, many volunteers from the PESC Membership and education community have helped shape PESC into the organization it is today. The success of PESC is due to the valuable output (from white papers to development, approval and maintenance of standards and services, to conferences and presentations) produced through workgroups, committees and partnerships that are staffed and run by these volunteers.

Certain individuals have gone above and beyond the call of duty and PESC takes the opportunity each Fall to recognize them with Distinguished Service Awards. Distinguished Service Awards serve as our opportunity to say thank you for being a leader and for making a positive impact on education.

2018

JANIE BARNETT | W. MATT BEMIS | NATIONAL STUDENT CLEARINGHOUSE

20ᵀᴴ YEAR ANNIVERSARY ACHIEVEMENT 2017 – MEI HUNG | 10ᵀᴴ YEAR ANNIVERSARY MILESTONE 2007 – RICK SKEEL

2017	**2006**
ARUCC	**Ed Hauser**
2016	**Keith Riccitelli**
Thomas Black	**Tom Stewart**
Leisa Wellsman	**2005**
2015	**Tim Bornholtz**
CA Community College Technology Center	**Mark Bolembach**
Jeffrey Alderson	**2004**
2014	**Holly Hyland**
Brian Allison	**Adele Marsh**
Doug Holmes	**Dallas Martin**
David Webber	**Bruce Marton**
2013	**2003**
Hans L'Orange	**Jerry Bracken**
Susan McCrackin	**2002**
2012	**Steve Margenau**
John Ittelson,Ph.D.	**Adele Marsh**
2011	**Bruce Marton**
AACRAO SPEEDE Committee	**Paul Ness**
Charles Leonhardt	**Jeanenne Rothenberger**
2010	**Michael Sessa**
Kristi Blabaum	**2001**
Michael Morris	**Rebecca Babel**
2009	**Ellen Blackmun**
Steve Biklen	**Steve Margenau**
Dave Moldoff	**Karl Van Neste**
Clare Smith-Larson	**2000**
2008	**David Leonard**
Judith Flink	**Tim Pavlick**
2007	**Dave Stones**
AACRAO	
Jim Farmer	

THE ANNUAL BEST PRACTICES COMPETITION IS HELD BY **PESC**
TO HIGHLIGHT AND PROMOTE INNOVATION AND INGENUITY
IN THE APPLICATION & IMPLEMENTATION OF INTEROPERABLE DATA STANDARDS FOR BUSINESS NEEDS.

First held in 1999, the Competition is open to institutions, associations, organizations, government agencies and departments, districts, consortia, non-profit and commercial service providers and other education stakeholders that have collaborated to design and/or adopt an electronic standardization initiative via a specific implementation, and/or other medium such as, but not limited to, published articles and white papers.

The Best Practices Competition is open for submissions that can include descriptions of the scope of a project, participants, type of standards employed, relevant dates/project milestones, copies of articles (if an article submission), outline of mission/objectives and any related statistics (# of transactions, cost savings, etc.).

| 2017/2018	2008/2009
Indiana Commission for Higher Education	**California Community College System**
2016/2017	2007/2008
iQ4 & National Student Clearinghouse	**Sinclair Community College & Wainwright State**
2015/2016	2006/2007
University of Tennessee System & AcademyOne	**DQC**
2014/2015	2005/2006
Elon University & Parchment	**NCHELP**
2013/2014	2004/2005
University of Phoenix	**U.S. FSA**
2012/2013	2003/2004
OCAS	**SIFA**
2011/2012	2002/2003
U.S. NCES	**ELM Resources & NCHELP**
2010/2011	2001/2002
South Carolina & AcademyOne	**NCHELP**
2009/2010	2000/2001
College Foundation of North Carolina	**University of Northern Iowa**
	1999/2000
	OUAC
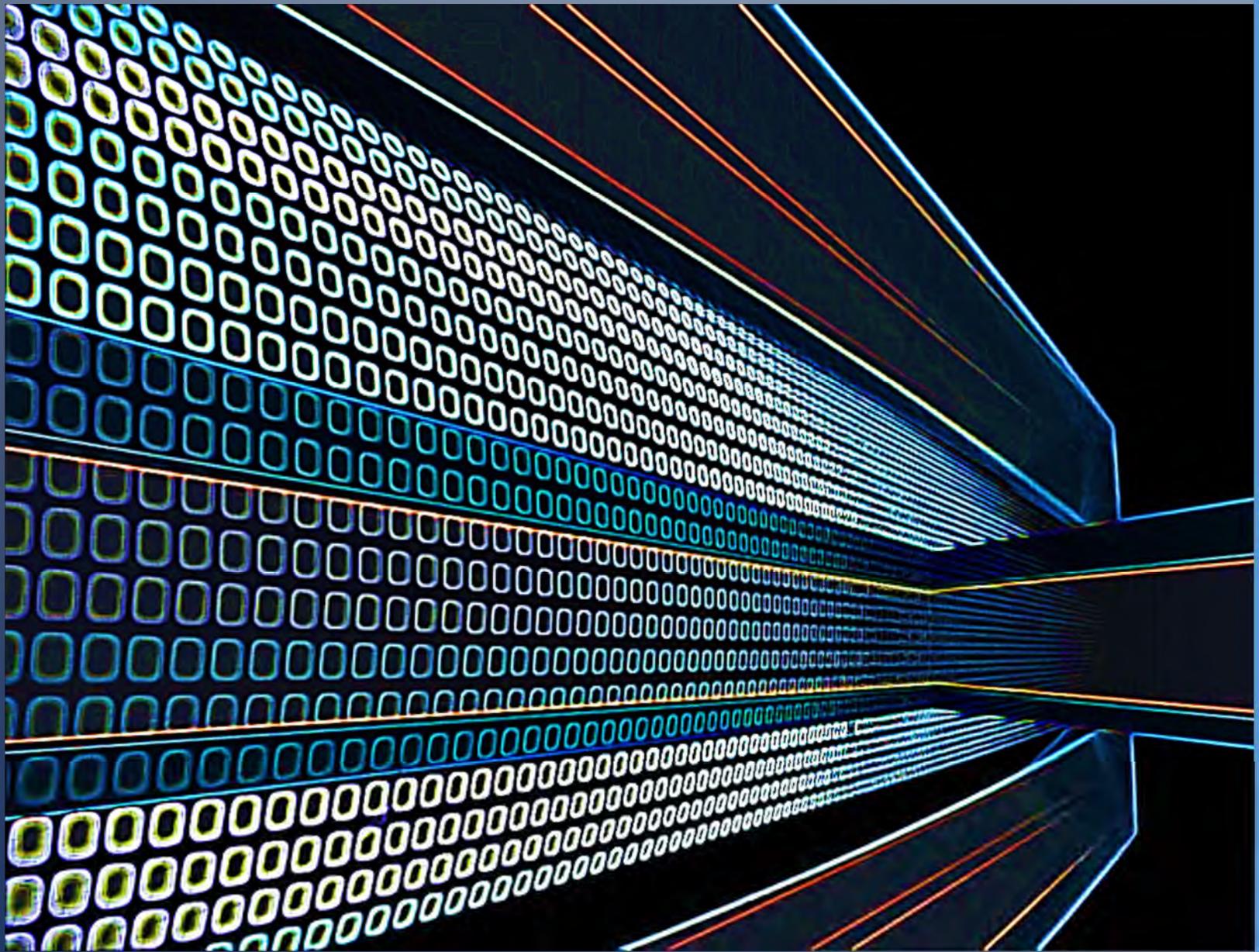
Leading the

ESTABLISHMENT & ADOPTION
OF OPEN DATA STANDARDS
ACROSS THE EDUCATION DOMAIN

WWW.PESC.ORG

PRESS

■PESC®

PESC LEADS THE ESTABLISHMENT & ADOPTION OF OPEN DATA STANDARDS ACROSS THE EDUCATION DOMAIN BY SERVING AS AN OPEN STANDARDS-DEVELOPMENT & OPEN STANDARDS-SETTING BODY.

PESC TECHNOLOGY IS COMMUNITY-SOURCED AND DRIVEN BY PESC SERVING AS AN INCUBATOR TO PILOT AND LAUNCH DATA STANDARDS (EDI, XML, PDF, JSON) USING AN OPEN, TRANSPARENT AND COLLABORATIVE PROCESS.

AS A DATA STANDARDS-DEVELOPMENT AND DATA STANDARDS-SETTING BODY FOUNDED IN 1997, PESC GOVERNS RESOURCE MAPPING AND MAINTENANCE OF EDUCATION ECO-SYSTEM SCHEMAS, TAXONOMIES AND SHARED CODE SETS IN VARIOUS TECHNOLOGIES.

CURRENT PESC GROUPS & COMMITTEES
1) ACADEMIC CREDENTIALING & EXPERIENTIAL LEARNING
2) BOARD OF DIRECTORS
3) CANADIAN PESC USER GROUP
4) CHANGE CONTROL BOARD
5) EDEXCHANGE
6) EDUCATION RECORD USER GROUP
7) GLOBAL EDUCATION ORGANIZATION CODE
8) STANDARDS DEVELOPMENT FORUM FOR EDUCATION
9) TECHNICAL ADVISORY BOARD

CURRENT PESC APPROVED STANDARDS
1) ACADEMIC COLLEGE TRANSCRIPT
2) ACADEMIC EPORTFOLIO
3) ACADEMIC HIGH SCHOOL TRANSCRIPT
4) ACADEMIC RECORD
5) ADMISSIONS APPLICATION
6) COMMON CREDENTIAL FOR CERTIFICATES, DEGREES & DIPLOMAS
7) CORE MAIN
8) DATA TRANSPORT
9) EDI
10) EDUCATION COURSE INVENTORY
11) EDUCATION TEST SCORE REPORTING
12) FUNCTIONAL ACKNOWLEDGMENT
13) PDF ATTACHMENT
14) REQUEST - RESPONSE
15) STUDENT AID
   - COMMON RECORD COMMONLINE - CRC
   - ONLINE LOAN COUNSELING
   - STUDENT LOAN DETAIL PORTFOLIO

ANNUAL AWARDS INCLUDE
1) 19TH ANNUAL BEST PRACTICES COMPETITION
2) DISTINGUISHED SERVICE AWARDS

CURRENT PESC FUNDING ORIGINATES FROM
1) ANNUAL MEMBRESHIP DUES
2) REGISTRATION FEES FROM SPRING & FALL DATA SUMMITS
3) ANNUAL SPONSORSHIP

SPRING & FALL DATA SUMMITS
SEE WWW.PESC.ORG.

BOARD OF DIRECTORS
SEE WWW.PESC.ORG.

MEMBERS
WWW.PESC.ORG.

STAFF
MICHAEL SESSA, PRESIDENT & CEO
JENNIFER KIM, MEMBERSHIP SERVICES DIRECTOR

PESC IS SPONSORED ANNUALLY by Credentials Solutions, National Student Clearinghouse, Oracle and Parchment Inc. PESC partners include AACRAO, APEREO, ARUCC, HR Open Standards, EMREX, EWP, Groningen Declaration Network, Internet2, SHEEO, and the US Department of Education's Common Education Data Standards (CEDS) Initiative.

PESC IS A PROUD EXHIBITOR at AACRAO's Annual Meeting, ARUCC's Annual Meeting, and the Annual STATS-DC Conference of the National Center for Education Statistics (NCES) of the US Department of Education.

PESC IS A PROUD SPONSOR of AIR's Annual Conference and of the Annual California Electronic Transcripts Workshop and CCCApply.

PESC IS A PROUD MEMBER/AFFILIATE/SIGNATORY of is AACRAO, of the NCES National Forum on Education Statistics, and of the Groningen Declaration Network.

ABOUT PESC

ESTABLISHED IN 1997 AT THE NATIONAL CENTER FOR HIGHER EDUCATION & HEADQUARTERED IN WASHINGTON DC, PESC is an international, 501 (c)(3) non-profit, community-based, umbrella association of data, software and education technology service providers; schools, districts, colleges and universities; college, university and state systems; local, state/province and federal government agencies; professional, commercial and non-profit organizations; and non-profit associations & foundations.

LEADING THE ESTABLISHMENT & ADOPTION OF OPEN DATA STANDARDS ACROSS THE EDUCATION DOMAIN. Through open and transparent community participation, PESC enables cost-effective connectivity between data systems to accelerate performance and service, to simplify data access and research, and to improve data quality along the Education lifecycle. PESC envisions global interoperability within the Education domain, supported by a trustworthy, inter-connected network built by and between communities of interest in which data flows digitally and seamlessly from one community or system to another and throughout the entire eco-system when and where needed without compatibility barriers but in a safe, secure, reliable, legal, and efficient manner.

ABOUT PRIVACY While PESC promotes the implementation and usage of data exchange standards, PESC does not set (create or establish) policies related to privacy and security. Organizations and entities using PESC Approved Standards and services should ensure they comply with FERPA and all local, state, federal and international rules on privacy and security as applicable.

IN FULFILLING ITS NON-PROFIT MISSION, all PESC Approved Standards are available to the education community online free of charge at www.PESC.org.

MAY 8 – 10, 2019
– 20ᵀᴴ ANNUAL BEST PRACTICES –
STATE OF TECHNOLOGY & STANDARDS IN HIGHER EDUCATION
SPRING 2019 DATA SUMMIT
WASHINGTON DC

OCTOBER ?, 2019
– COMING SOON –

FALL 2019 DATA SUMMIT
CANADA