STANDARD.

News & Commentary on

TECHNOLOGY & STANDARDS

Featuring

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- >> Your Chief Standards Evangelist
- >> IMPORTANT DATES, EVENTS & REPORTS
- >> NEW PESC MEMBERS

DECEMBER 2019

MULTIPLE STAKEHOLDERS. ONE VISION.





>> PESC Group Updates



>> Member News



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>> Conferences & Events



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The Standard is the electronic newsletter of PESC – the Postsecondary Electronic Standards Council. For questions, concerns, inquiries and to sign up to receive this newsletter and information from PESC, please visit us at www.pesc.org. Editor: Michael D. Sessa, PESC President & CEO © PESC 2019. All rights reserved.





COMMENTARY, News & Updates

from your

CHIEF STANDARDS EVANGELIST

MICHAEL D. SESSA PESC PRESIDENT & CEO

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PESC GROUP UPDATES

Each PESC GROUP focuses on one common cause or interest and includes leaders & experts spanning policy, practice & technology working together through PESC in 'co-opetition' - that is 'cooperation among competitors'.

PESC GROUP MEETINGS

are held weekly, monthly and/or quarterly by voice and/or by webinar; while they convene in-person at Spring and Fall Data Summits.

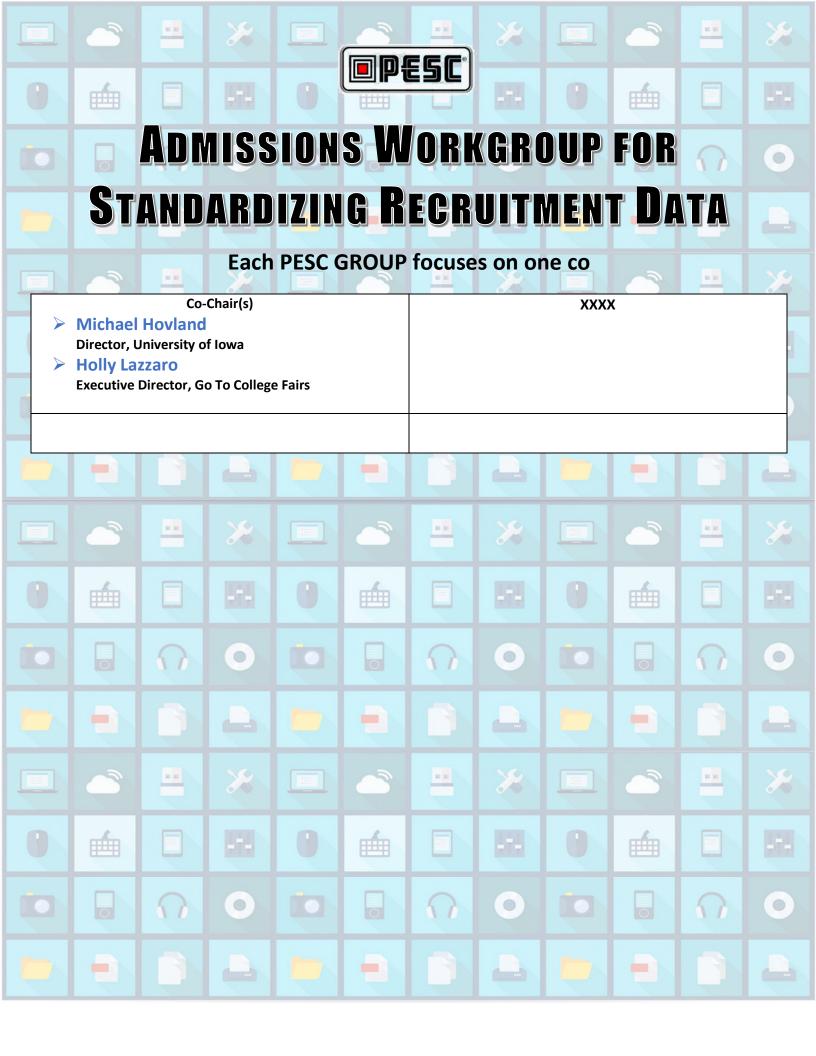
PARTICIPATION IN PESC GROUPS

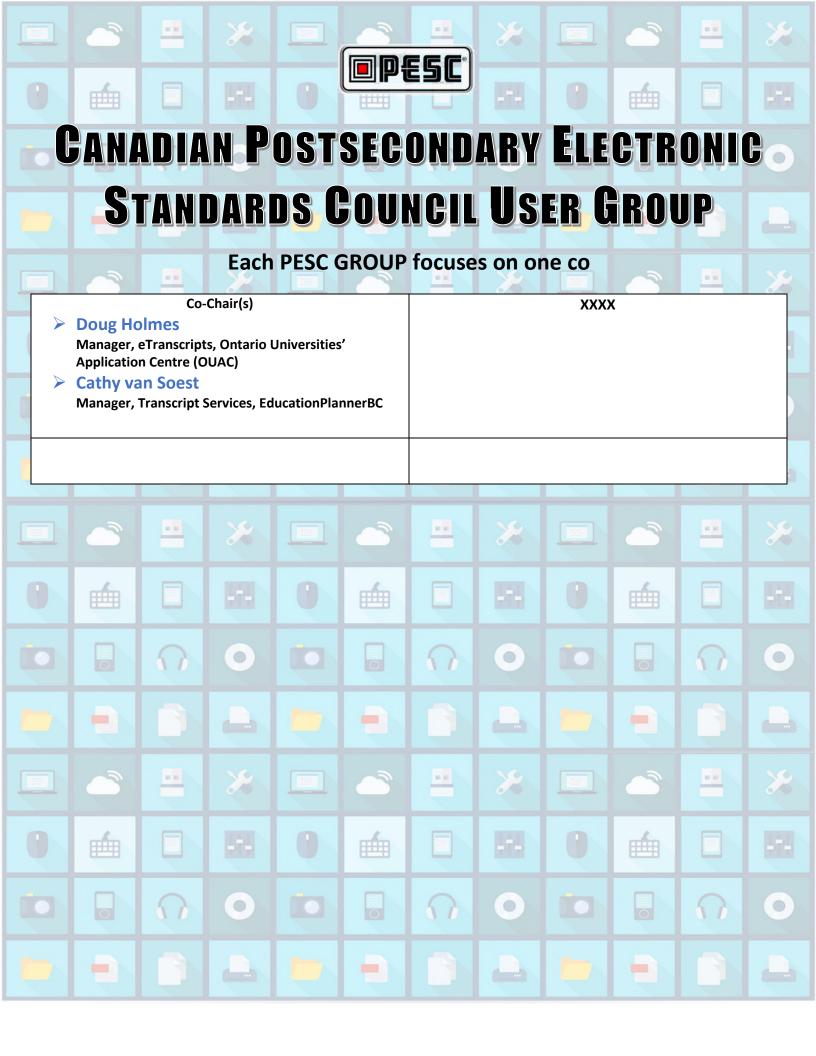
is free, open and available to the general public* and volunteers of PESC Member organizations (in good standing).

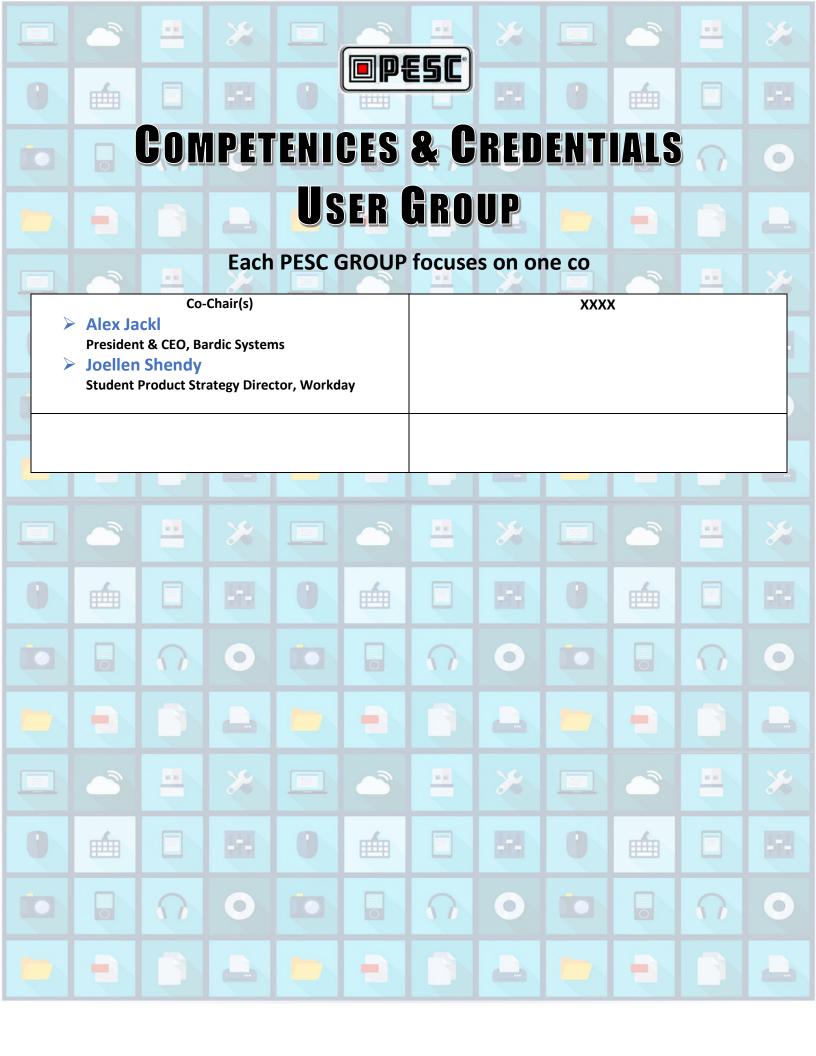


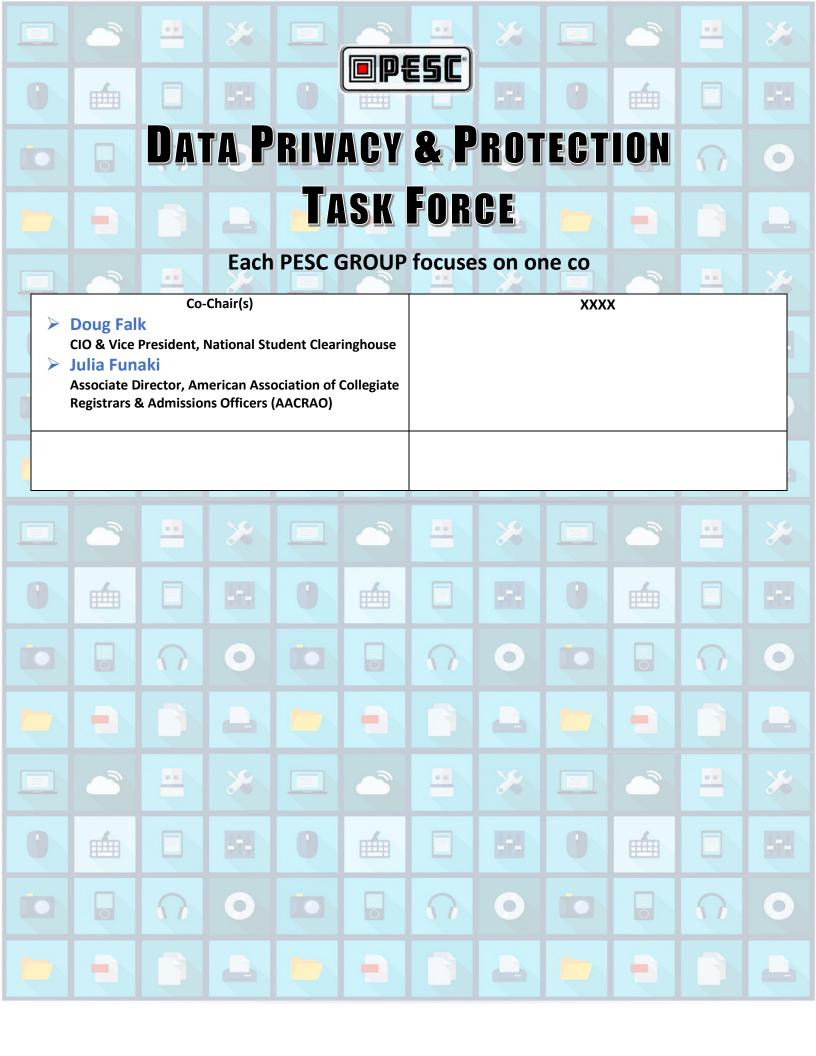
MISSION OF PESC GROUPS

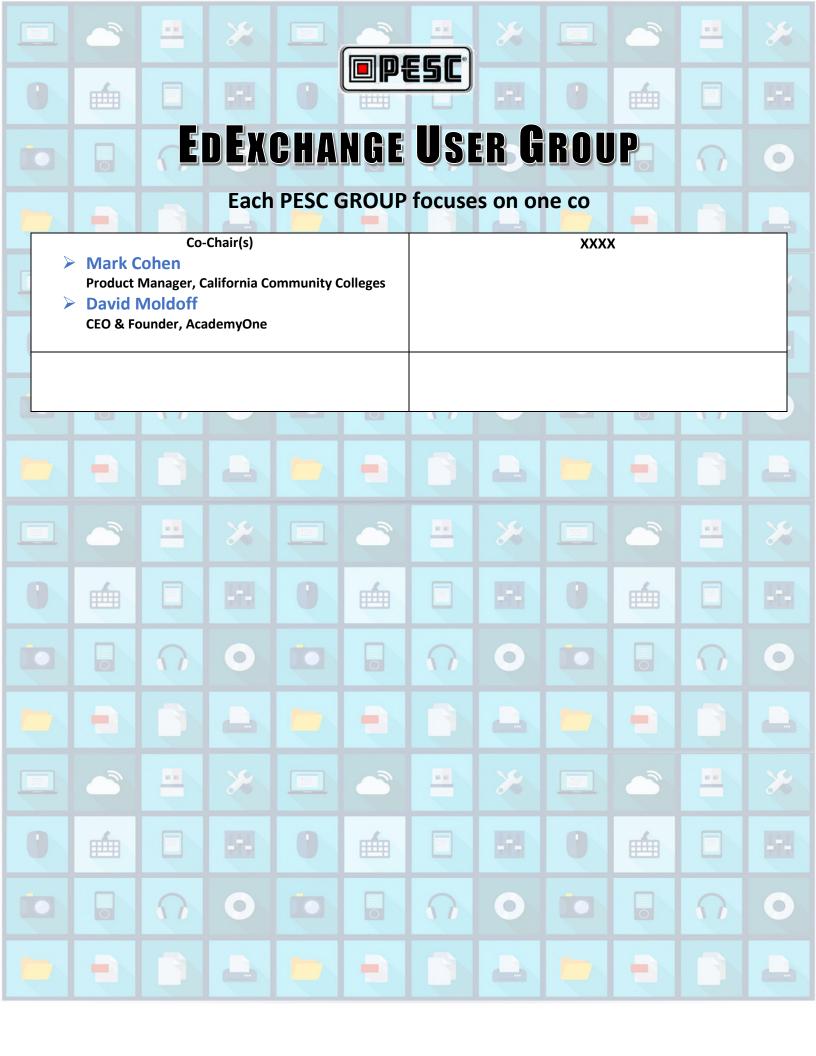
- Foster collaboration across disparate sectors to solve industry-shared problems
- ➤ Strive to bring much needed clarity and coherence to the ecosystem
- ➤ Educate and inform on current initiatives and emerging best practices impacting technology & standards
- Promote innovative, collaborative solutions that employ automated, reusable and sustainable technologies & standards

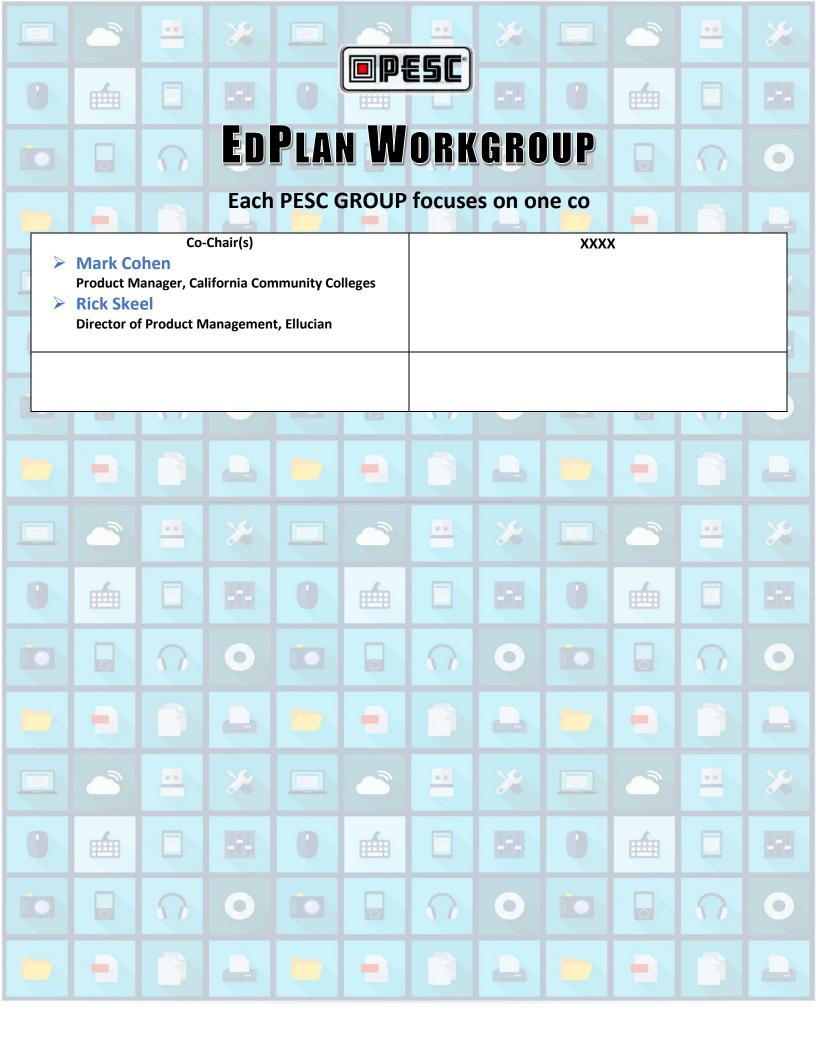


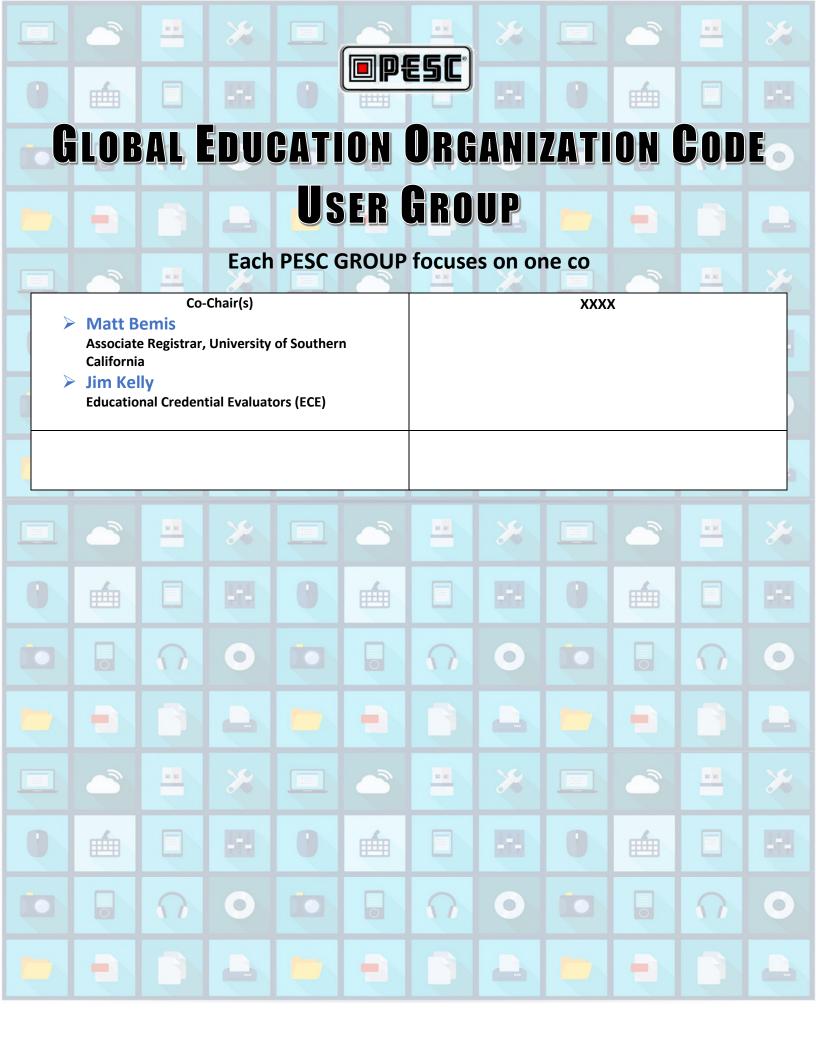


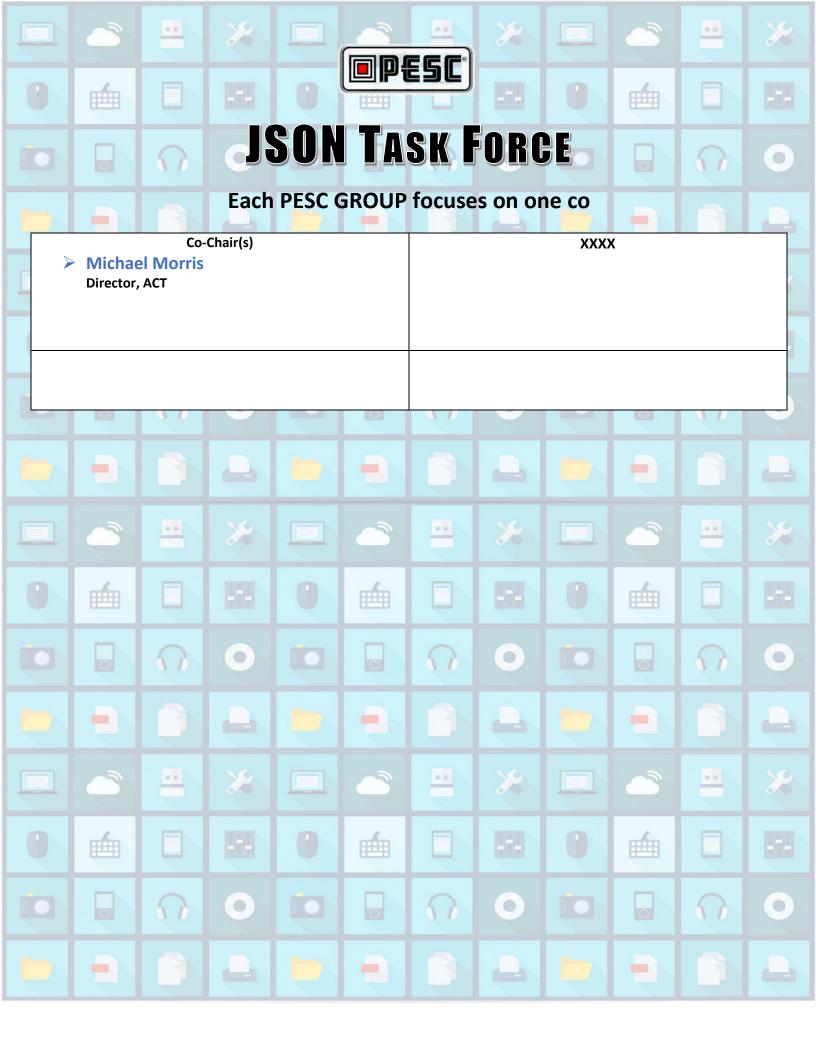


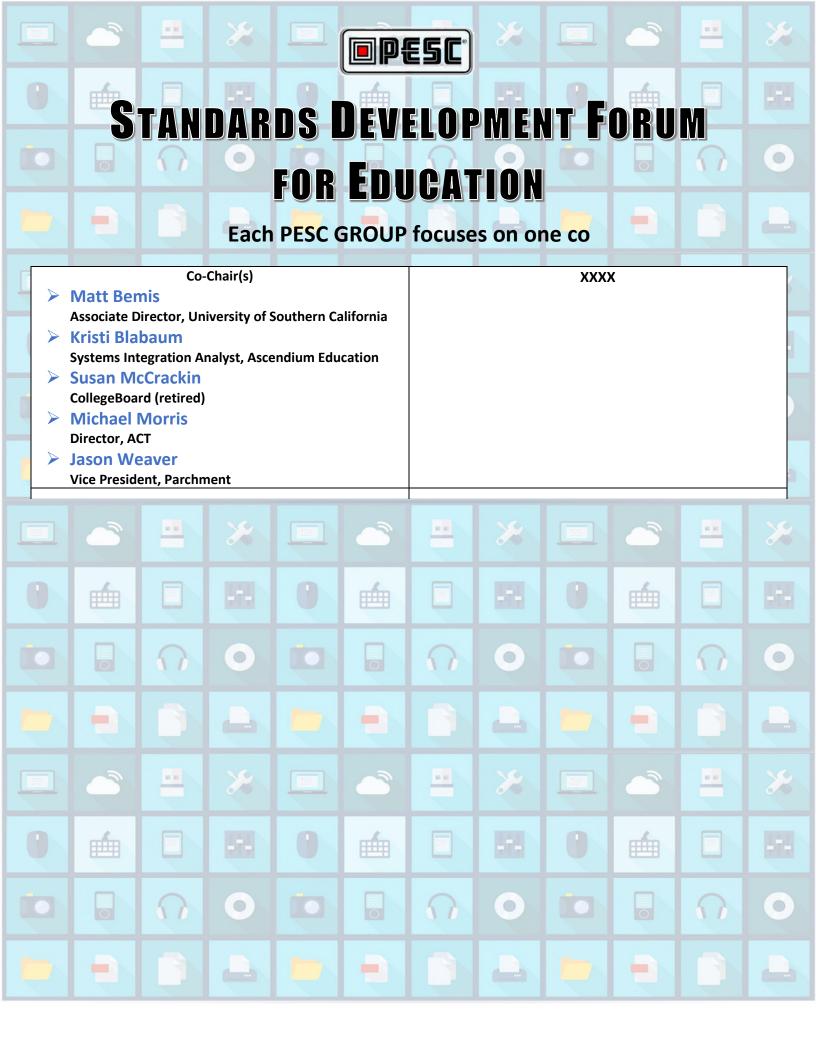


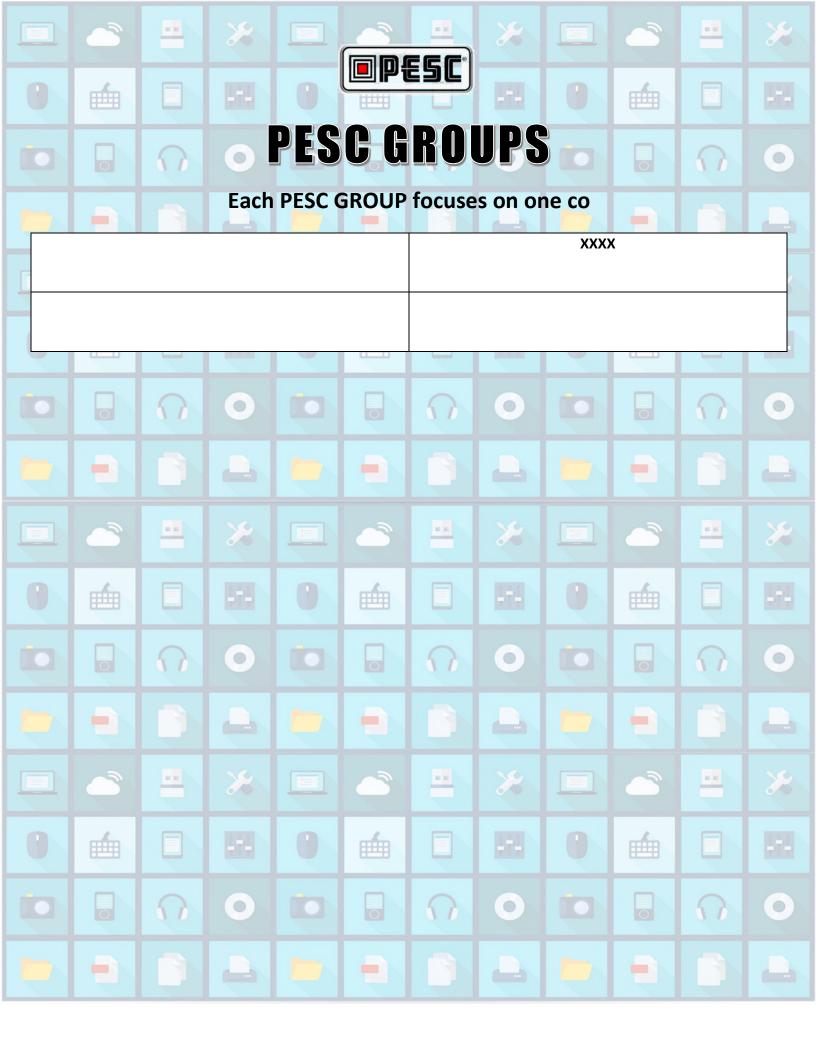


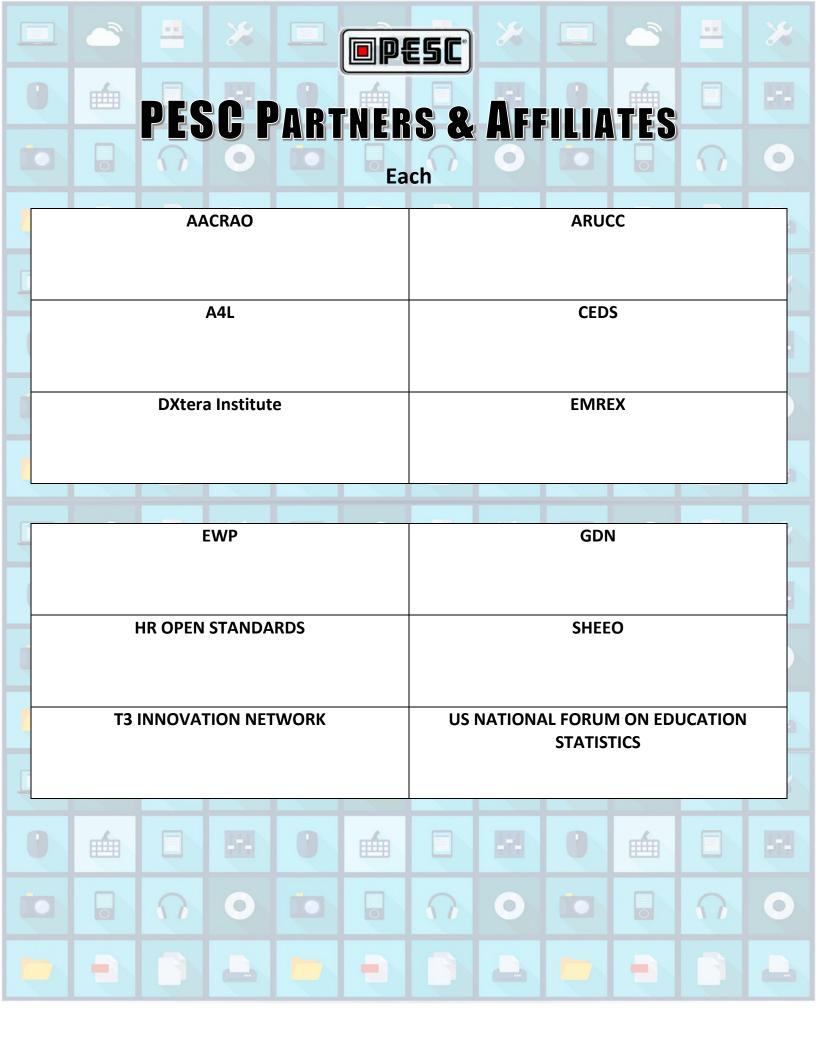


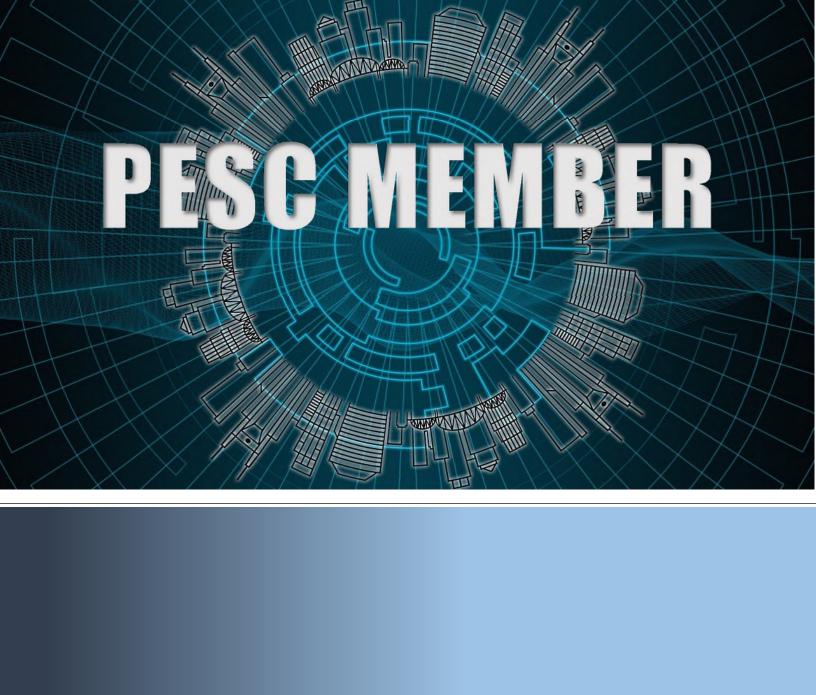


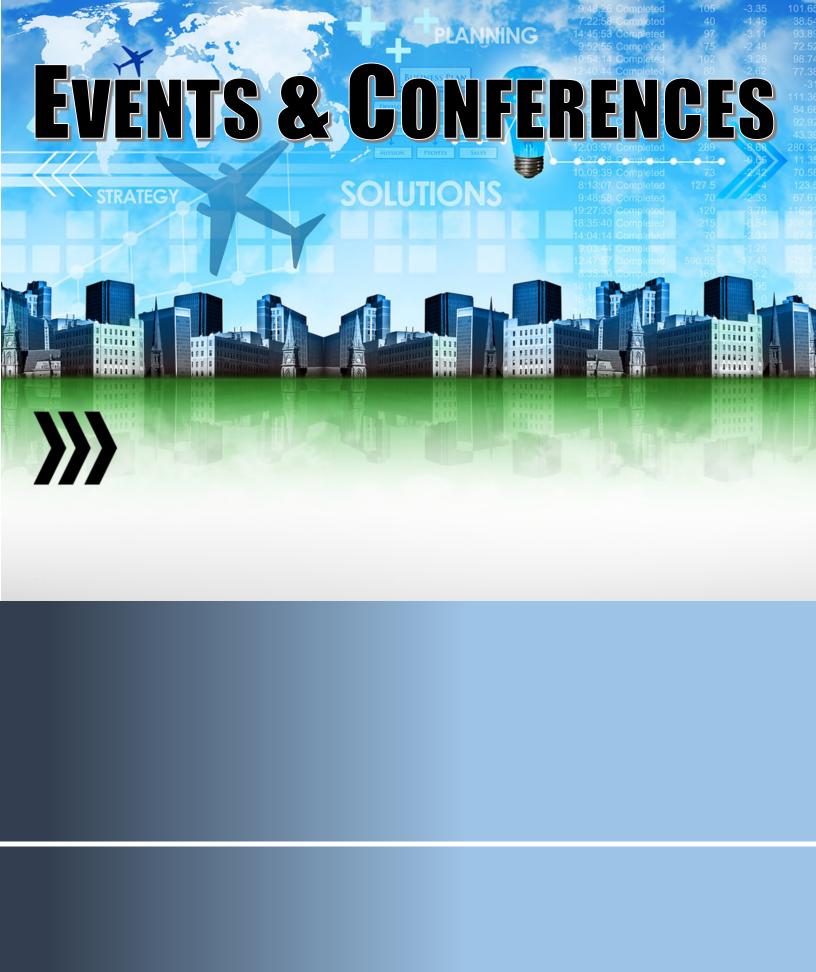














- My thoughts
- > PESC TOP 10 for 2020

Remember:

- New PESC Members & Member Application
- New Sponsors & Sponsor Packet
- ➢ 8th Annual GDN Meeting − Puebla
- > 9th Annual GDN Meeting India, Session, Sponsorship
- > C& C
- > Ambassador Program & Apply Online
- ➤ Board of Directors Elections FY21
- Groups & Meeting Logistics
- > ATC Session Proposals
- NCES News
- Best Practices 2020
- > Spring 2020
- > Student Unit Record Reports

My Thoughts (3 bullets, 4 paragraphs)

Top 10 for 2020 (5 pages)

PESC Member Value Proposition (5 pages)

2020T0P10

T3 Innovation Network & White House Lumina Foundation Working Nation UNESCO GDN Annual Meeting 2020 ARUCC Data Exchange Network Student Unit Record Privacy Fraud **Big Tech Breakup**





SPONSORSHIP OPPORTUNITIES

















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#PESCSPRING20SUMMIT



GREETINGS FROM PESC!





On behalf of the Board of Directors and Members, I am pleased to provide you with additional Sponsorship Opportunities for PESC's Spring 2020 Data Summit!

PESC is working to become the voice for the efficient and secure, realtime exchange of student and learner data throughout the education and workforce domains. With a learner-centric approach and open, transparent collaboration as our cornerstone principle that governs development and setting of PESC APPROVED STANDARDS, Technology

& Services, PESC identifies all *learning* data points, across early childhood, elementary, secondary, postsecondary, training and employment sectors and data systems for data standardization.

Interoperability improves performance, enhances service and delivery, expands digital connectivity and provides long-term cost savings. PESC APPROVED STANDARDS – platform and application neutral – enable interoperability, mobility and support a sustainable, reliable pathway for future application and systems development.

Providing and supporting free and open PESC Approved Standards – the core value of PESC's mission requires support, maintenance and funding.

Please help support this global mission by sponsoring PESC today!

By sponsoring and investing in PESC, your organization signifies to the education and workforce communities at-large a special commitment to this mission and to the greater common good of ensuring student and learner achievement. Under PESC promotion, we market your organization's brand in our activities, events, groups, online communications and global outreach.

PESC's reach is far and wide across PK20W, admissions, registrar, financial aid, education technology, data, research, learning, government, policy and credentialing communities. The neutral, trust environment, created by PESC, is a critical component – what we are doing together is working, and should continue.

From Ontario to Indiana to Melbourne to Stanford University and all 115 of the California Community Colleges (alone serving 2.1 million students), to all of student financial aid — all users of PESC Approved Standards — PESC is fulfilling its vision of a connected digital domain.

Please consider Sponsoring PESC today! If you have any questions, please contact our Membership Services Director Jennifer Kim at jennifer.kim@pesc.org or 202-261-6516.

Sincerely,

Michael D. Sessa President & CEO



Established in 1997 at the National Center for Higher Education and headquartered in Washington, D.C.,

PESC is an international, 501 (c)(3)non-profit, community-based, umbrella association and data standards-setting body comprised of data, software, technology service providers & vendors; schools, districts, colleges & universities; college, university & state/provincial systems; local, state/provincial & federal government offices; application centers & hubs; professional, commercial & non-profit organizations; non-profit associations & foundations.

PESC Mission

To lead the establishment and adoption of trusted, free & open data standards across the education domain.

Goals of the 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 learner lifecycle. PESC promotes student-and learner centric design and data modeling, hub and spoke models, federated identity, and similarly proven models of interoperability; and fosters open, transparent collaboration across global education and learning sectors. PESC APPROVED STANDARDS improve performance and data quality; simplify access and reduce cost; and enable sustainable best practices and innovative solutions that streamline emerging technologies and disparate information systems.

PESC Technology

PESC Approved Standards, Services & Technology are 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 an open data standards-development and open data standards-setting body governing resource mapping and maintenance of education eco-system taxonomies, schemas and shared code sets in various technologies (EDI, XML, PDF, JSON) produced as PESC APPROVED STANDARDS. PESC APPROVED STANDARDS are platform and application neutral; adopted and integrated in systems, networks, applications, products and services; support a transaction or business process, and; can be implemented or used one independently from another.

PESC Vision

PESC envisions global interoperability within the Education domain, supported by a trustworthy, interconnected 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 ecosystem 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, GDPR and all local, state, federal and international rules on privacy and security as applicable.



A voluntary, consensus-based standards platform is the foundation on which PESC operates.

Through PESC every stakeholder along the learner lifecycle is empowered. Combined with an agreement of 'co-opetition' – that is cooperation among competitors – PESC identifies, develops, openly shares and promotes collaborative data solutions that employ automated, reusable and sustainable technologies in order to improve institutional performance, to improve student service delivery, and improve overall digital and electronic connectivity between stakeholders.

Data standards are the tools PESC produces to enable interoperability and connectivity.

Standards make the world go 'round. PESC Sponsors help make standards free and open. Together, with this unique community perspective, PESC has mapped out a common, strategic path for the future. This path includes continued development of common data standards, establishment and support of data networks and infrastructure, common authentication and web services protocols enterprise-wide, seamless connections bridging postsecondary education systems to secondary and labor and workforce systems.

The political will and demand for improvement have never been greater and will continue to increase with time as budgets tighten, common solutions like standardization are being viewed as wise, cost-saving investments and as new technologies emerge.

With membership and participation from all leading stakeholders in education technology, PESC serves as the umbrella organization to coordinate and advocate for learner-centric data standardization and interoperability across the education and workforce lifecycle.

PESC Sponsors boldly accept that mission and work diligently to continue the proven record of success and achievement.

We now elevate the mission to the next level.



As a Sponsor

- Your organization is marketed by PESC:
 - Logo is listed, posted & hyperlinked prominently on the Spring 2020 Data Summit website
 - Logo and name listed and included prominently in all Data Summit registration emails
 - Logo and name listed and included in all official Data Summit announcements & press releases
 - Logo and name included in PESC Newsletters, Articles & Marketing Materials
 - Logo and name listed and included in all Data Summit emails through PESC group lists (Admissions Workgroup, Canadian PESC User Group, Competencies & Credentials User Group, Data Privacy & Protection Task Force, EdExchange User Group, EdPlan Workgroup, GEO Code User Group, JSON Task Force, Standards Forum for Education)
 - Logo and name shared with PESC Partners: AACRAO, ARUCC, A4L, Connecting Credentials, CEDS, DXtera Institute, EMREX, Erasmus Without Paper, Groningen Declaration Network, HR Open Standards, SHEEO, T3 Innovation Network
 - Logo and name listed and included on social media: Facebook, LinkedIn, Twitter
- Your organization firmly associates itself with the PESC mission of open, transparent and collaborative interoperability and establishes itself as a leader and stakeholder
- Investing in PESC increases the value & maximizes the integrity of your data technology

SPONSOR PESC TODAY!

To Sponsor, please complete Sponsor Form and send it along with a check payable to: PESC, 1250 Connecticut Ave NW, Suite 700, Washington DC, 20036. Tax ID# 52-2179499. Organizations can sponsor additional certain activities and events individually. For more information or if you would like to pay by credit card, contact Jennifer Kim at PESC.

SPONSORSHIP OPPORTUNITIES AVAILABLE:

	Wednesday Apr 29, 2020	Thursday Apr 30, 2020	Friday May 1, 2020
Continental Breakfast	\$1,000 each day or\$2,500 for all 3 days	\$1,000 each day or\$2,500 for all 3 days	\$1,000 each day or\$2,500 for all 3 days
Morning Break	\$500 each day or\$1,250 for all 3 days	\$500 each day or\$1,250 for all 3 days	\$500 each day or\$1,250 for all 3 days
Lunch	\$5,000 each day or\$8,500 for 2 days	\$5,000 each day or\$8,500 for 2 days	
Afternoon Break	\$750 each day or\$1,250 for 2 days	\$750 each day or\$1,250 for 2 days	
Reception	• \$8,500		





Spring 2020 Data Summit Sponsor Application & Agreement

		Wednesday Apr 29, 2020	Thursday Apr 30, 2020	Friday May 1, 2020		
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Morning Break			\bigcap	\bigcirc		
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ADVANCING LEARNER ACHIEVEMENT WORLDWIDE



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Postsecondary Electronic Standards Council proudly presents

SPRING 2019 DATA SUMMIT

STATE OF TECHNOLOGY & STANDARDS IN HIGHER EDUCATION 20TH ANNUAL BEST PRACTICES | May 8 – 10, 2019 | Washington, D.C.





DIGIT△RY



















The Postsecondary Electronic Standards Council 8, the Canadian PESC User Group proudly present

FALL 2 19 DATA SUMMIT

In Partnership with the Groningen Declaration Network



MONTREAL OCTOBER 22 - 25, 2019

Program





























SPRING 2019

SPECIAL EDITION



NEUTRAL | AUTOMATED | OPEN SOURCE

DATA EXCHANGE | DIGITAL LOOK UP

EDEXCHANGE PESC ORG

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FOR IMMEDIATE RELEASE MAY 3, 2019 CONTACT: JENNIFER KIM +1.202.261.6516





MYTRANSCRIPTS NOVA SCOTIA'S ELECTRONIC TRANSCRIPT & DATA EXCHANGE SYSTEM

Washington, D.C. The Board of Directors of PESC is pleased to announce the Nova Scotia Council on Admission & Transfer (NSCAT) as 1st Place Winner of PESC's 20th Annual Best Practices Competition for its submission, "MyTranscripts | Nova Scotia's Electronic Transcript & Data Exchange System."

From the award winning submission,

"Nova Scotia is home to eleven universities and colleges, with 29 campuses located throughout the province. Each year over 13,000 students begin their post-secondary education journey at one of these institutions. Many of our students come from within the province, but over 40% are attracted here from elsewhere in Canada and over 145 countries worldwide. The MyTranscripts Hub is an integral part of the success of the MyTranscripts solution. It provides secure and reliable delivery of transcripts among the member institutions. MyTranscripts (Phase 1) is fully implemented at the ten institutions that admit students directly from high school."

"The Nova Scotia Council on Admission and Transfer is honoured to be awarded 1st Place in PESC's 20th Anniversary Best Practices Competition. We would like to thank all our project partners hard work and ongoing commitment, as well as the Government of Nova Scotia for their support of this initiative," states Ruth Blades, MLIS, PMP - Operations Manager, Nova Scotia Council on Admission & Transfer. "Our success would not be possible without the standards developed and maintained by PESC, and we look forward to continuing to support the development of these tools that facilitate post-secondary data exchange," she continued.

The award-winning submission received high praise from the PESC Board for its open and broad collaborative approach, sophisticated automation, transparent capacity, use of standards and innovative technology employed, and for the positive results and outcomes it immediately produces.

Francisco Valines, Director of Financial Aid at Florida International University and PESC Board Member (former Board Chair), stated in scoring the submission with a perfect score, "Wonderfully organized...amazing to see what they've accomplished for their students!"

The award-winning submission made by NSCAT is posted on the PESC website with prior winners at http://www.PESC.org. An Awards Ceremony will be held during the General Sessions at PESC's Spring 2019 Data Summit being held May 7-10, 2019 in Washington DC at the Dupont Circle Hotel.

About NSCAT

Established in 2016, the Nova Scotia Council on Admission and Transfer (NSCAT) was created to develop and manage collaborative systems that support student enrolment, mobility and success. For more information about NSCAT, please contact visit https://www.mynsfuture.ca/.

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/provincial systems; local, state/provincial and federal government agencies; professional, commercial and non-profit organizations; and non-profit associations & foundations.

LEADING THE ESTABLISHMENT & ADOPTION OF TRUSTED, 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.

PESC IS SPONSORED ANNUALLY by (Diamond) <u>Credentials Solutions</u>, <u>Digitary</u>, <u>National Student Clearinghouse</u>, <u>Oracle</u> and <u>Parchment Inc.</u>; (Gold) <u>DegreeData</u>; (Silver) <u>ECE</u>. PESC partners include <u>AACRAO</u>, A4L Community, <u>APEREO</u>, <u>ARUCC</u>, DXtera Institute, <u>EMREX</u>, <u>EWP</u>, <u>Groningen Declaration Network</u>, <u>SHEEO</u>, and the <u>US Department of Education's Common Education Data Standards (CEDS) Initiative</u>.

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

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

Nova Scotia Council on Admission & Transfer (NSCAT) AWARDED 1 ST PLACE IN PESC 20TH ANNUAL BEST PRACTICES COMPETITION

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

PESC HAS A STRONG HISTORY that includes AACRAO, SPEEDE, EDI, ANSI, X12, Canada, the US Department of Education and Y2K. Read more at www.PESC.org.

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

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. For more information, see www.PESC.org.

About PESC & CANADA

The Canadian presence and influence within PESC has existed since the very formation of PESC. As Canadian students cross provincial and international borders to attain their education, the need for institutions, software providers and systems vendors that support Canadian and international markets to ensure mobility and interoperability has never been greater.

The formation of the Canadian PESC User Group (CanPESC) in 2011 solidified the importance of Canada's role within PESC and drew together many Canadians from across the country to work towards a common goal. Its main mission is twofold:

- > To encourage participation in PESC workgroups developing PESC APPROVED STANDARDS
- > To promote and educate Canadian stakeholders on the importance of data standards and interoperability, thereby avoiding duplication of efforts, costs and of data standards.

As the voice and official committee representing Canadian interests, CanPESC also serves in a liaison role. It coordinates and communicates its efforts across all provinces and territories, and works closely with Canadian organizations such as the Association of Registrars of the Universities and Colleges of Canada (ARUCC).

THE CANADIAN INFLUENCE AND HISTORY WITHIN PESC

- In 1999 for PESC's 1st Annual Best Practices Competition, the Ontario Universities' Application Centre (OUAC) was awarded 1st PLACE for its submission, "Ontario Universities Electronic Transcript System (OUETS): A Model of an Electronic Standardization Initiative."
- In 2007, for PESC's 10th Year Anniversary, the PESC Fall 2007 Data Summit was held at the Ritz-Carlton Hotel in Montreal.
- In 2011, at the PESC Fall 2011 Data Summit held October 26, 2011 in San Francisco, PESC launched the Canadian PESC User Group.
- In 2012, for PESC's 14th Annual Best Practices Competition, the Ontario College Application Service (OCAS) was awarded 1st PLACE for its submission, "OCAS XML Transcript Initiative."
- In 2012, for PESC's 15th Year Anniversary Year, the PESC Fall 2012 Data Summit was held at the Four Seasons Hotel in Vancouver.
- From 2013-2015, OCAS' William McKee served on the PESC Board of Directors,
- In 2013, through establishment of CanPESC, PESC entered into a formal MOU with ARUCC, allowing ARUCC and PESC to attend each other's events without charge, thereby fostering a closer working relationship.
- In 2013and 2016, OUAC's Doug Holmes and OUAC's Leisa Wellsman, respectively, were recognized with PESC's Distinguished Service Award.
- In 2017, for PESC's 20th Year Anniversary, the PESC Fall 2017 Data Summit was held at the Radisson Waterfront Hotel in Toronto.
- In 2018, at the PESC Fall 2018 Data Summit in San Francisco, Charmaine Hack, ARUCC Past-President and Chair of the ARUCC-GDN Student Mobility Project, served as Keynote Speaker.

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FOR IMMEDIATE RELEASE
October 17, 2019
Contact:
Jennifer Kim
Membership Services Director
jennifer.kim@pesc.org

20TH YEAR DISTINGUISHED SERVICE AWARDS ANNOUNCED

DIGITARY'S SIMONE RAVAIOLI, EDUCATIONPLANNERBC'S CATHY VAN SOEST, GDN'S HERMAN DE LEEUW, UNIVERSITY OF PHOENIX'S MONTEREY SIMS HONORED AT FALL 2019 DATA SUMMIT IN MONTREAL

Washington, D.C. ~ The Postsecondary Electronic Standards Council (PESC) is pleased to announce its Distinguished Service Awards for 2019 honoring **Herman de Leeuw**, Executive Director of the Groningen Declaration Network; **Simone Ravaioli**, Director of Strategic Partnerships, Digitary; **Monterey Sims**, Director of Admissions and Evaluation, University of Phoenix; and **Cathy van Soest**, Manager, Transcript Services, EducationPlannerBC.



"Honoring Cathy, Herman, Monterey and Simone, their accomplishments, their leadership and continued dedication over the years and decades, is a perfect way to commemorate the 20th Anniversary of PESC's Awards," states Michael Sessa, PESC President & CEO. "They join a long and distinguished list of leaders over the years that have truly helped students, universities and colleges around the world," Mr. Sessa adds.

The Distinguished Service Awards Ceremony will take place on Wednesday October 23, 2019 at the opening of the PESC Fall 2019 Data Summit being held in Montreal.

ABOUT PESC DISTINGUISHED SERVICE AWARDS

Many, many volunteers from the PESC membership and education community have helped shape PESC into the organization it is today. The key to PESC's success is the valuable output (from white papers to development, approval and maintenance processes of standards and services) produced through workgroups and committees that are staffed and run by these volunteers. Certain individuals from the PESC Membership, like Herman de Leeuw, Simone Ravaioli, Monterey Sims and Cathy van Soest have gone above and beyond the call of duty and PESC takes the opportunity each year 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.

Herman de Leeuw is Originator and Executive Director of the Groningen Declaration Network, an international public benefit foundation registered with the Netherlands Chamber of Commerce; and currently serves on the PESC GEO Code User Group Steering Committee. He is passionate about putting citizens in control over their own data sets, that is, about bringing

together a person's formal, nonformal and informal education attainments and professional experience in a person's "Digital Learner Currency" which that person may access and choose to share with whomever, wherever at any time.

Herman brings that vision into practice by bringing relevant stakeholders around the globe together at the annual meeting of the Groningen Declaration Network. Volunteerism and international cooperation lie at the bottom of his professional life, which began as a regular presenter at conferences such as AACRAO, EAIE, EUNIS, NAFSA and so forth.

From 2006 till 2014, Herman served in elected positions within EAIE, the European Association for International Education, from 2006-2008 as member of its Expert Community for Admissions Officers and Credential Evaluators (ACE), and from 2008-2012 as ACE chair. In 2010, he co-established, together with Simone Ravaioli, EAIE's Task Force DSDP (Digital Student Data Portability). In 2012, Herman initiated the Groningen Declaration Network which he has been driving and supporting from the start as its Executive Secretary, from December 2016 onwards as its Executive Director.

In September 2015, Herman received EAIE's President's Award for outstanding service. In September 2018, Herman was selected as one of three nominees for the PIEoneer Award for Outstanding Contributions to the Industry. In 1988, Herman graduated with an MA (honors) from Leiden University, The Netherlands, in Arabic Language and Literature. In 2005, Herman was trained as a forensic document researcher at the Netherlands National Police Academy.

Simone Ravaioli is an EdTech influencer with a specific expertise on digital micro-credentials and interests in Blockchain technologies; and currently serves on the PESC Competencies and Credentials User Group Steering Committee. Simone holds a Bachelor and Master's Degree in Management Information Systems from Loyola University Chicago (2001). After a corporate experience in New York and Milano, he joined CINECA (2006), the leading consortium of Italian Universities dedicated to developing Student Information Systems for HE. As International Affairs Manager, Simone led the organisation's international strategy in the EHEA, as well as setting up its operations in Turkey.

In 2007, Simone became a founding member of RS3G – an international group of HE implementers focusing on data exchange standards. From 2010 to 2014, he was chair of the Digital Student Data Portability task force of European Association for International Education (EAIE); an entity that went on to seed the creation of the Groningen Declaration Network (2012) of which he is currently a relentless activist. He became the EAIE Rising Star recipient in 2011.

In 2014, the epiphany with Open Badges saw Simone become Chief Dreamer of Bestr, the first Italian badging platform and this appointment saw him invited as a TEDx speaker in 2015 in Bologna. In 2016, he contributed to kickstarting BadgeChain, an early initiative aimed at exploring the impact of the Blockchain revolution onto the Open Badges ecosystems.

Since early 2017, he has served as Business Development Executive EMEA at Digitary, a global provider of secure online credentials in Higher Education with a special mandate to bring into the strategic roadmap digital micro-credentials and blockchain architectures. In 2017, he was invited as keynote speaker at the launch of both the EntreComp framework and ESCO, which led to further scoping work on Open Badges and Competence Frameworks for the Joint Research Center of the EC. Simone currently sits on the Advisory Board of the Open Recognition Alliance.

Monterey Sims is the Director of Admissions and Evaluation at the University of Phoenix; and currently serves on the PESC EdExchange Steering Committee and Chair of the PESC Seal of Approval Board. She has worked at the University for 26 years enabling her to connect with technology challenges, ideas, and solutions daily.

Monterey is directly responsible for the Office of Admissions Document Processing division which includes overseeing centralized document services for Admissions, Records, Internal Veterans Affairs, and Financial Services. She strongly believes in root cause analysis, continuous relentless improvement and collaboration. She spearheaded the implementation of electronic data exchange at the University over a decade ago and continues to enhance related processes and partnerships through her work in PESC and AACRAO.

Monterey also served on the PACRAO 2019 Annual Meeting Committee; was selected as Business Partner Liaison on the PACRAO Board of Directors 2020-2021; serves on the AACRAO SPEEDE Committee and AACRAO's Nominations and Elections Committee; serves on the eTrans California Steering Committee; serves on the Go Army Ed Modernization Advisory Committee; and is a National Student Clearinghouse ETX Portal Pilot. Monterey is married with three grown girls as well at the two most loving English Bulldogs (also girls).

Cathy van Soest is Manager of Transcript Services with EducationPlannerBC, a provincial online application, transcript exchange and academic program information service supporting students and post-secondary institutions in British Columbia, Canada. She facilitates the on-going development and implementation of electronic transcript exchange services with post-secondary institutions.

Cathy has worked in both the post-secondary and K-12 sectors and has a background in open learning, education technology and international education. She is currently the Co-Chair of the Canadian Postsecondary Electronic Standards Council User Group (CanPESC) and a member of the ARUCC Groningen & Student Mobility Project Steering Committee.

ABOUT THE POSTSECONDARY ELECTRONIC STANDARDS COUNCIL

ESTABLISHED IN 1997 AT THE NATIONAL CENTER FOR HIGHER EDUCATION AND HEADQUARTERED IN WASHINGTON, D.C.

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/provincial systems; local, state/provincial and federal government agencies; professional, commercial, vendor and non-profit organizations; and non-profit associations & foundations.

LEADING THE ESTABLISHMENT & ADOPTION OF TRUSTED, FREE & OPEN DATA STANDARDS ACROSS THE EDUCATION DOMAIN SINCE 1997

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 ecosystem 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 GDPR, FERPA and all local, state/provincial, federal and international rules & regulations on privacy and security as applicable. For more information, see www.PESC.org.

PESC IS SPONSORED ANNUALLY by Credentials Solutions, Digitary, National Student Clearinghouse, Oracle, Parchment, DegreeData & Educational Credential Evaluators.

PESC PARTNERS include AACRAO, APEREO, ARUCC, A4L Community, DXtera Institute, EMREX, Erasmus Without Paper (EWP), Groningen Declaration Network (GDN), HR Open Standards, SHEEO, the USCCF's T3 Innovation Network and the US Department of Education's Common Education Data Standards (CEDS) Initiative.

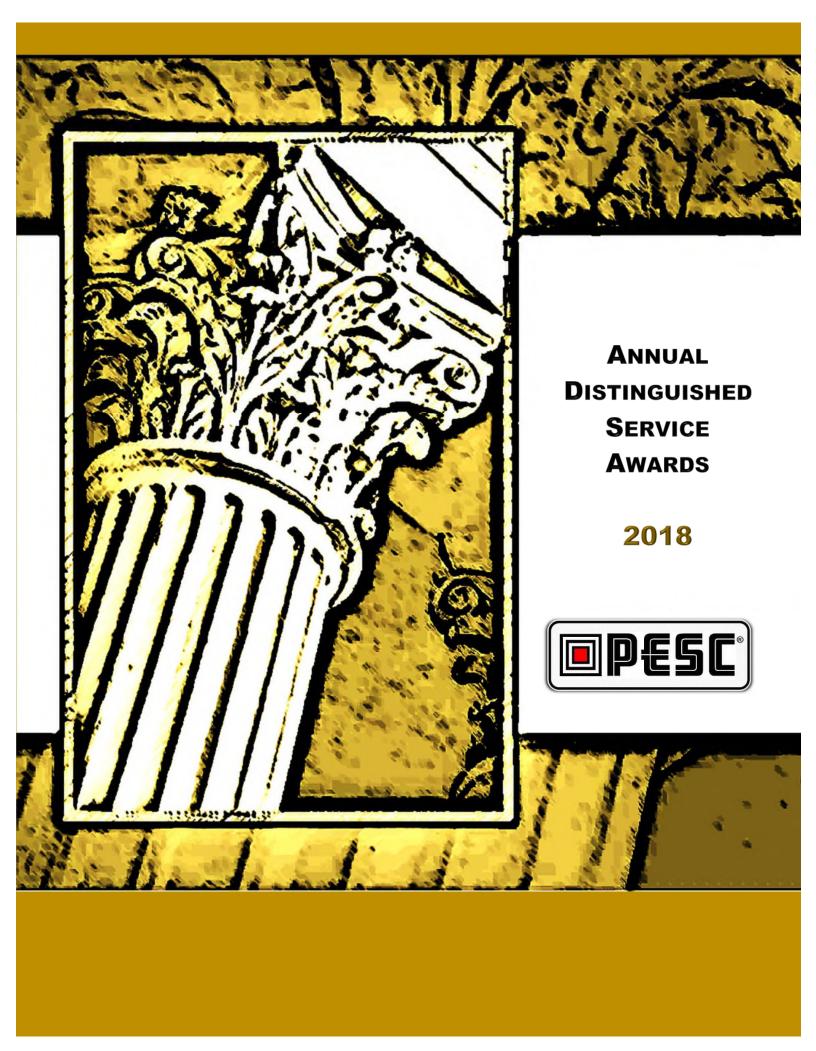
PESC IS A PROUD EXHIBITOR at AACRAO's Annual Meeting, ARUCC's Bi-Annual Meeting, and the Annual STATS-DC Conference of the National Center for Education Statistics (NCES) of the US Department of Education.

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

PESC IS A PROUD MEMBER/AFFILIATE/SIGNATORY of AACRAO, the Groningen Declaration Network, the USCCF's T3 Innovation Network, and the US NCES National Forum on Education Statistics.

PESC HAS A STRONG HISTORY that includes AACRAO, SPEEDE, EDI, ANSI, X12, Canada, the US Department of Education and Y2K.

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





ANNUAL DISTINGUISHED SERVICE AWARDS

Many, many volunteers from the PESC membership and education community have helped shape PESC into the organization it is today and we truly thank everyone. The success of PESC is due primarily to the valuable output (from white papers to development, approval and maintenance processes of standards) produced through workgroups and committees 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 year 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 Matt Bemis National Student Clearinghouse

2017

ARUCC Brian Allison Doug Falk Mei Hung Dave Moldoff Rick Skeel

2016

Thomas Black Francisco Valines Leisa Wellsman Andy Wood

2015

California Community College Technology Center Jeffrey Alderson

2014

Brian Allison Doug Holmes David Webber

2013

Hans L'Orange Susan McCrackin

2012

John Ittelson,Ph.D.

2011

AACRAO SPEEDE Committee Charles Leonhardt

2010

Kristi Blabaum Michael Morris

2009

Steve Biklen Dave Moldoff Clare Smith-Larson 2008

Judith Flink

2007

AACRAO Jim Farmer

2006

Ed Hauser Keith Riccitelli Tom Stewart

2005

Tim Bornholtz Mark Bolembach

2004

Holly Hyland Adele Marsh Dallas Martin Bruce Marton

2003

Jerry Bracken

2002

Steve Margenau Adele Marsh Bruce Marton Paul Ness Jeanenne Rothenberger Michael Sessa

2001

Rebecca Babel Ellen Blackmun Steve Margenau Karl Van Neste

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ELECTRONIC RECORDS AND DOCUMENT EXCHANGE

The next big jump in technology and standards

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SPEEDE

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COMPETENCIES



by Monterey Sims, Director, Admissions and Evaluation, University of Phoenix

MEETINGS, WORKSHOPS, AND TRAININGS

On Sunday AACRAO Speede Committee and Postsecondary Electronic Standards Council (PESC) hosted a session titled "The Next Big Jump in Technology and Standards." Session presenters included: Doug Holmes (Ontario Universities' Application Centre), Jeff Elliott (University of Missouri System), Matt Bemis (University of Southern California), Michael Sessa (PESC), and Monterey Sims (University of Phoenix).

Presenters explained how some new technology and standards on the horizon are paving the way for additional efficiencies which will increase interoperability and support student mobility while reinforcing security and efficiency for our students and institutions. Topics included JSON, (JavaScript Object Notation), EdExchange, GEO

Code, and the Canada-wide eTranscript initiative.

JSON is text format like XML that could be used to exchange education data. There is now a PESC XML compliant JSON 1.0 available.

EdExchange is neutral platform for data exchange (Platform as-a-Service PaaS) which enables a digital lookup of senders/receivers of education records. It will inform routing instructions and preferred exchange formats for peer to peer electronic record and data exchange. The idea is being discussed amount groups in both the US and abroad and several successful pilots have already been completed.

GEO Code was an idea born out of a need to have a unique identifier for every postsecondary institution on the planet. Many code sets exist (CEEB, DUNS, FICE, IPEDS, OPEID, etc.) but none were complete, and most were considered a regional or country-based index. GEO Code is maintained, updated and provided for use at NO COST to the education community.

Canadian institutions have taking on some major improvement initiatives over the past several years which are aimed at advancing student mobility through trusted data exchange. Through major collaboration efforts across all provinces and inclusion of other international partners Canada is doing amazing work to coordinate their exchange networks across the country and considering how GEO Code, EdExchange or other initiatives can be leveraged along with their current work to improve and support student mobility both inside and outside Canada.

Learn more...

GEO Code: https://geocode.pesc.org/

EdExchange: https://www.pesc.org/edexchange-user-group.html

PESC Compliant JSON: https://www.pesc.org/json-ld-task-force-1.html

Canadian PESC User Group: https://www.pesc.org/canadian-pesc-user-group.html

ARUCC Student Mobility Project: https://arucc.ca/en/

Social

Mobility: https://www.arucc.ca/uploads/Groningen/Groningen_2019/Social_Mobility_Business_Case_Page/Social_mobility_brochure_2019_04_29.pdf

Basic Guide to Electronic Data Exchange: https://community.aacrao.org/CPBase_item?id=a1H1V000005MHtaUAG

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Michael Sessa, President & CEO, PESC, US

Posted on <u>Jul 26, 2019</u> by <u>Kerrie Kennedy</u>. Posted in <u>Pie Chat</u>, under <u>North America</u>. Tagged with <u>GDN</u>, <u>Geo CODE</u>, <u>PESC</u>. Bookmark the <u>permalink</u>.

The <u>PESC GEO Code</u> is a bold ambition to enable all universities to be able to transfer secure documents globally using a system not dissimilar to the international telephone network. Spearheaded by the <u>Postsecondary Electronic Standards Council</u>, *The PIE* chatted with PESC president and CEO Michael Sessa about this vision for seamless – and free – data delivery in higher education.



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About Kerrie Kennedy

Kerrie gained international print and online media experience during five years of working in various newsrooms and the music industry across Ireland, Australia and the UK. After completing a Master's in Journalism at the University of Limerick in Ireland, Kerrie kicked off her media career as a reporter for The Irish Examiner before moving to Sydney to take on the role of Content Manager for concert streaming site Moshcam.

"We hold our student data hostage – that's how I look at it"

The PIE: How did you become involved with PESC?

Michael Sessa: I didn't apply for this job – I actually started in banking. As I got more involved with student loans and everything got more technical, I started hearing about the standards group called PESC. I started asking questions, and they asked me if I wanted to be more involved.

In 1999 I joined the steering committee. I was one of the three board members in charge of finding the executive director. After viewing 150 resumes, we didn't find anyone we wanted. So I was asked out to lunch and they said 'you're the one'. I didn't want to have to do all that work, I'll be quite honest. But my president at that time said 'this is your moment, go'. And so, at 34, I took over PESC.

The PIE: How would you describe what PESC GEO Code is to someone who has never heard of it?

MS: The purpose of PESC GEO Code is focused on the delivery of education data. Just like FedEx: they have a parcel to deliver and coordinates to deliver it to. FedEx doesn't ask whether there is a licence for that location, building or whether it is insured or whether it's accredited. They just know it's a location, a destination, there are coordinates and I need to get something there.

"Just like FedEx: they have a parcel to deliver and coordinates to deliver it to"

And the problem in higher education is that there is no way to do that globally. Is it the zip code of education? Who governs zip codes? Nobody cares. Truly, we just use them, everybody understands them; why can't we get that same understanding with higher education?

And we hold our student data hostage – that's how I look at it – because the business model here is just wrong. Simple things like understanding where to send data, why isn't that such a higher priority than say blockchain or AI?

The PIE: What piqued your interest in higher education?

MS: What really got me was how shocked I was when I thought higher education – the place of intelligence and intellect and wisdom – would be understanding of the importance of standards and be farther along than any other industry, but what I found is that they were far behind every industry.

That got me angry, but that got my passion ignited, that's why I've been at PESC ever since.

The PIE: And who was behind the idea for GEO Code?

MS: PESC has been working on this for 20 years, but Matt Bemis of the <u>University of Southern California</u> came into the fray and codes emerged as the number one issue, so we said let's give the old college thing a try again.

So USC – being a top institution for foreign students coming into the United States – was the most interested. They would create dummy code because they had all this international volume coming in but some lacked codes, and some codes couldn't be verified.

"USC – being a top institution for foreign students coming into the United States – was the most interested"

We came up with the whole methodology of seven digits and Matt worked with the IERF [International Education Research Foundation] to pilot the production of it with a small population.

And now, it's been two or three years and we're processing tens of thousands of files using GEO Code.

The PIE: How many institutions globally are using it now?

MS: Matt has a team at USC all volunteering to do all the data scrubbing so that once we built GEO Code directory, you don't have to build it again. So we have to fill the directory and we have 132 countries so far but that represents about 95% of the global volume of institutions.

Parchment, one of the largest service providers of digital credentials in the US is adding it to all their files, and CollegeSource. So institutions can now add them when they send and receive, and so we're starting to push out this 'zip code', we're asking others to add it to their code sets and we're adding their codes to our code sets.

Canada is going to adopt it once we add all the high school codes. So we have hundreds of thousands of high schools but we want to get it correct and get the functionality, make the directory sexy, add the logos and all of that. Right now it's just functionality on the directory.

"We have 132 countries so far but that represents about 95% of the global volume of institutions"

The PIE: What's the next step after that?

MS: The next stage is all education organisations because the biggest thing is learning happens everywhere and learning happens outside of the classroom as well. So we have to get to those organisations too because that makes GEO Code more useable, with the zip code of all educational organisations.

GEO Code has two levels, there's GEO Code the service – you can use it, you can look it up, it's the google of codes and everybody can use it. How can institutions get involved? Look up their code, get familiar with it.

The other functionality we're building is all kinds of customisable downloads, you can download a code set. But what we ultimately want is the Canadian model [of total adoption]. We have a group that is very responsible and very proactive and very empowered to represent Canada. We now have four volunteers to be the pilot country administrators.

"Canada is going to adopt it once we add all the high school codes"

We have countries lined up so Australia and New Zealand are following in the footsteps of Canada – they are interested in learning more, in understanding the standards more. And there's a big presence with the Groningen Declaration Network, so once we get it right with Canada, we can just roll it out with everywhere else.

The PIE: How is GEO Code different to other services out there?

MS: It's free. And that's the other driving force – to buy a download of codes from some vendors costs several thousand dollars for one download. So institutions have to pay to download the global codes – that's like having to pay to find a zip code.

We're not looking to determine whether an institution has accreditation or not. We have been charged with delivering data, so if I have to deliver data, maybe the institution closed, maybe it changed names and maybe it was recorded as a diploma mill – maybe it's in court fighting that status of a diploma mill.

So GEO Code didn't create diploma mills, and PESC can't solve the problem of diploma mills. That's like looking at a zip code to see if a building has insurance. We're about delivery, but we do know that institutions want some minimal amount of information – active or inactive is that status we provide.

The PIE: Is there much competition from other code developers in the market?

MS: We can't stop other code sets emerging. If a new program or vendor wants to put out a new code set – for us, fine, go, but we're going to link to your code set and we are going to ask them to link to GEO Code. We expect new codes, that's what innovation and the entrepreneurial spirit is. But we're going to link to them so that we have solved this problem once and for all.

Just six months ago we were saying oh, we have 19 countries, but once we figured out how to do it, it just escalated. It's usable, but now the thing is to put the bells and whistles on it. Folks want to download it. Application developers love GEO Code because any programmer anywhere in the world who is developing a system always comes across institution 'code'. And then my phone rings.

"We're processing tens of thousands of files using GEO Code"

The PIE: Why do you think nobody has done it before?

MS: Because there is no overarching organisation in the world, there is no zip code police and no school code police. And people are making thousands of dollars off of it. Nobody will make it free and open until Google does. And that's the pillar of PESC, we are by the community, for the community, not for profit and we hope GEO Code becomes as common as zip code.

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Monica Camino Moreno, CEO, Dialexy, UK

Value Proposition

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Learning Machine	"Learning Machine is proud to become members of PESC and join in the mission building data standards that ensure the interoperability and longevity of digital academic records."	Chris Jagers, CEO
Liaison	"At Liaison, we've seen the power of bringing together higher education communities through our Centralized Application Services (CAS) to improve the enrollment management process for all involved. By partnering with PESC, we're hoping to use that same community-minded approach to standardize open data exchange, which will make it easier for prospective students to explore their educational options and will simplify data management for our oncampus partners."	Adam Kenney, Vice President, Products
Lumina	"Lumina Foundation believes that data standards are an essential aspect for improving data quality, transparency, and interoperability on competencies and credentials for students, employers, and institutions. We are proud to join the data standards community & support efforts that allow systems to connect data together to ensure the ability of students to pursue further education and employment."	Amber Garrison Duncan, Strategy Director
McGill University		
Nova Scotia Council on Admission & Transfer	"NSCAT is excited to become a PESC Member. We are happy to support development of the standards that are key to our success."	Ruth Blades, Operations Manage
University of Montreal		
U.S. Chamber of Commerce Foundation	"The Chamber Foundation is excited to join PESC and to contribute toward the ongoing development of data standards for education. In today's talent marketplace, data is king, and good data starts with high quality data standards."	Jason A. Tyszko, Vice President, Center for Education and Workforce
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