OCTOBER 2021 DATA SUMMIT

Program

OCTOBER 19–21, 2021

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OCTOBER 2021 DATA SUMMIT

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DXtera Institute

EMREX

Erasmus Without Paper

Groningen Declaration Network

HR Open Standards Consortium

National Forum on Education Statistics

SHEEO

T3 Innovation Network

OCTOBER 2021 DATA SUMMIT

Featured Session

BORHENE CHAKROUN
Director, Division for Policies & Lifelong Learning Systems, UNESCO Education Sector

JOANNE DUKLAS
Founder & CEO
Duklas Cornerstone Consulting

HERMAN DE LEEUW
Executive Director
Groningen Declaration Network

KATHLEEN MASSEY
Associate Vice President (Student), University of Lethbridge; GDN President

TRUST, VERIFICATION & GLOBAL DIGITAL TRANSFORMATION

- CANADA'S NATIONAL NETWORK
- MYCREDS | MESCERTIF
- WALLETS
- GDN T.R.U.S.T. HUB

Tuesday October 19, 2021
12pm – 1.30pm EDT

For registration and the full program, please visit
www.pesc.org

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OCTOBER 2021 DATA SUMMIT

Featured Session

JASMIN SAIDI-KUEHNERT
President, CEO & Founder
Academic Credentials Evaluation Institute, Inc.

MARGARET WENGER
Senior Director of Evaluation
Educational Credential Evaluators, Inc.

SETTING THE GOLD STANDARD FOR INTERNATIONAL CREDENTIAL EVALUATION

Tuesday October 19, 2021
3pm – 4pm EDT

For registration and the full program, please visit
www.pesc.org

PESC

OCTOBER 2021
DATA SUMMIT

Featured Session

RUTH BLADES
Executive Director
Council on Admission &
Transfer for Nova Scotia

MELANIE GOTTLIEB
Interim Executive Director
AACRAO

ENERGIZING STUDENT TRANSFER ACROSS CANADA & USA

Wednesday October 20, 2021
12pm – 1.30pm EDT

For registration and the full program, please visit **www.pesc.org**

PESC

OCTOBER 2021
DATA SUMMIT

Featured Session

JOHN LOVELL
Technology Director
Access 4 Learning (A4L)
Community

MICHAEL D. MORRIS
Senior Engineer in Test
ACT

RICK SKEEL
Product Manager
Ellucian

STUDENT TRANSFER: PRIMARY USE CASE FOR JSON TRANSCRIPT DEVELOPMENT & PATHWAY TO JSON-LD

Wednesday October 20, 2021
3pm – 4pm EDT

For registration and the full program, please visit
www.pesc.org

PESC

OCTOBER 2021 DATA SUMMIT

Featured Session

JULIE GODFREY
Senior Project Manager
Georgian College

SUSAN HOSEIN
Senior Manager
Office of the Registrar
Georgian College

DAVID K. MOLDOFF
CEO & Founder
AcademyOne

ERIC SHEPSKI
Director of Client Implementations
AcademyOne

ACADEMYONE AND GEORGIAN COLLEGE

STREAMLINING ADVANCED STANDING (PRIOR LEARNING ASSESSMENT) WITH THE PESC STUDENT TRANSCRIPT REQUEST/REPLY VIA INITIATION BY LEARNER CONTEMPLATING ENROLMENT

Thursday October 21, 2021
12.00pm – 1.30pm EDT

For registration and the full program, please visit
www.pesc.org

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OCTOBER 2021 DATA SUMMIT

Featured Session

TOR FRIDELL
Head of Student Information System, Linköping University

EMREX Executive Committee Chair

JAN JOOST NORDER
Product Owner Internationale Diensten, Dienst Uitvoering Onderwijs (DUO)

EMREX Executive Committee

GUIDO BACHARACH
Head of Strategy and Digitization off-duty bei Stiftung für Hochschulzulassung

EMREX

THE NETWORK
THE TECHNOLOGY
THE COMMUNITY

BREAKOUT

Thursday October 21, 2021
12.00pm – 1.30pm EDT

For registration and the full program, please visit
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OCTOBER 2021
DATA SUMMIT

Featured Session

MIKYUNG RYU, PH.D.
Director
Research Publications
National Student Clearinghouse
Research Center

UNDERSTANDING THE IMPACTS OF THE PANDEMIC ON STUDENT MOBILITY THROUGH NATIONAL STUDENT CLEARINGHOUSE RESEARCH CENTER PUBLICATIONS

Thursday October 21, 2021
3pm – 4pm EDT

For registration and the full program, please visit
www.pesc.org

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OCTOBER 2021 DATA SUMMIT

PROGRAM AT-A-GLANCE

Monday	Tuesday October 19, 2021	Wednesday October 20, 2021	Thursday October 21, 2021	Friday
	1 12pm – 1.30pm EDT **Trust, Verification & Global Digital Transformation** Featured Speakers **Joanne Duklas**, DCC; ARUCC **Borhene Chakroun**, UNESCO **Herman de Leeuw**, GDN **Kathleen Massey**, UoL; GDN	**3** 12pm – 1.30pm EDT **Energizing Student Transfer Across Canada & USA** Featured Speakers **Ruth Blades**, CATNS **Melanie Gottlieb**, AACRAO	**5** 12pm – 1.30pm EDT **Coffee Talks! Showcasing PESC & PESC Members** Featured Speakers/Breakouts **Michael Sessa**, PESC **Doug Falk**, NSC **Tor Fridell**, EMREX **Dave Moldoff**, AcademyOne **Jason Weaver**, Parchment	
	2 3pm – 4pm EDT **Setting The Gold Standard For International Credential Evaluation** Featured Speakers **Jasmin Saidi-Kuehnert**, AICE **Margaret Wenger**, ECE	**4** 3pm – 4pm EDT **Student Transfer: Primary Use Case for JSON Transcript Development & Pathway to JSON-LD** Featured Speakers **John Lovell**, A4L Community **Michael Morris**, ACT **Rick Skeel**, Ellucian	**6** 3pm – 4pm EDT **Understanding the Impacts of the Pandemic on Student Mobility, through NSC Research Center Publications** Featured Speakers **Mikyung Ryu, Ph.D.**, National Student Clearinghouse Research Center	

PESC®

OCTOBER 2021 DATA SUMMIT

PROGRAM

ALL TIMES EASTERN DAYLIGHT SAVINGS TIME (EDT / GMT-4)

TUESDAY OCTOBER 19, 2021

12.00pm – 12.15pm

- **WELCOME & OVERVIEW**
- **22ND ANNUAL BEST PRACTICES AWARDS FOR 2020/2021**
  - GDN T.R.U.S.T. Hub — 1st Place Award for 'Administrative Trust'
  - MyCreds™ | MesCertif™ — 1st Place Award for 'Mobile Learner'
  - EMREX — 1st Place Award for 'Network Technology'
- **DISTINGUISHED SERVICE AWARDS FOR 2020/2021**
  - Person
  - Person

12.15pm – 1.30pm

1 TRUST, VERIFICATION & GLOBAL DIGITAL TRANSFORMATION

FEATURED SPEAKERS

- **JOANNE DUKLAS**, FOUNDER & CEO, DUKLAS CORNERSTONE CONSULTING; EXECUTIVE LEAD, ARUCC NATIONAL NETWORK
- **BORHENE CHAKROUN**, DIRECTOR, DIVISION FOR POLICIES AND LIFELONG LEARNING SYSTEMS, UNESCO EDUCATION SECTOR
- **HERMAN DE LEEUW**, EXECUTIVE DIRECTOR, GRONINGEN DECLARATION NETWORK (GDN)
- **KATHLEEN MASSEY**, ASSOCIATE VICE PRESIDENT (STUDENT), UNIVERSITY OF LETHBRIDGE; GDN PRESIDENT

Sustainable technology and digitization are more than just a conversation about interoperable standards. At the core of this effort, we are all working together to establish multiple layers of trust that are intergenerational, self-sustaining and sustainable. Defining international instruments and conventions, concepts of lifelong learning, the need for better learner data security and privacy, and the importance of ensuring interoperable standards, represent some of the key dimensions of trust. Join this session to discuss the broader context and what these dimensions mean for interoperability and advancing access. UNESCO, the Groningen Declaration Network, and regions like Canada are considering concepts, resources, and tools to advance trust and interoperability. Questions that are top of mind for panelists:

- How do we get to a place where trust exists?
- What principles and conventions should guide thinking towards sustainable interoperability?
- Why do trusted networks matter for credential verification, access, and mobility?
- How do we avoid creating a digital divide?
- What principles should leaders in this field consider?
- What more can the PESC community do to advance sustainable interoperability?

We look forward to engaging the PESC community in this dialogue.

3.00pm – 4.00pm

2 SETTING THE GOLD STANDARD FOR INTERNATIONAL CREDENTIAL EVALUATION

FEATURED SPEAKERS

- **JASMIN SAIDI-KUEHNERT**, PRESIDENT & CEO, ACADEMIC CREDENTIALS EVALUATION INSTITUTE, INC. (ACEI)
- **MARGARET WENGER**, SENIOR DIRECTOR OF EVALUATION, EDUCATIONAL CREDENTIAL EVALUATORS (ECE)

Ensuring accuracy and authenticity throughout the international credential evaluation process requires a meticulous level of analysis. Data and information, submitted and collected from multiple sources and media in multiple languages, presents a myriad of challenges. How these challenges are addressed and resolved to provide solid, reliable, high-quality services serves as the central discussion point for this session. Industry experts and leaders from ACEI and ECE will share their perspectives, explain the international credential evaluation process, discuss why is it important and how recent global events have impacted the landscape.

WEDNESDAY OCTOBER 20, 2021

12.00pm – 12.15pm

» **WELCOME**

12.15pm – 1.30pm

3 ENERGIZING STUDENT TRANSFER ACROSS CANADA & USA

FEATURED SPEAKERS

- **RUTH BLADES**, EXECUTIVE DIRECTOR, COUNCIL ON ADMISSION & TRANSFER FOR NOVA SCOTIA
- **MELANIE GOTTLIEB**, INTERIM EXECUTIVE DIRECTOR, AACRAO

The benefits of student transfer are firmly established in the education ecosystem. Supported by institutions, policymakers, legislation and leading service providers, *transfer* for a student leads to successful employment, certificates and degrees, and skills and future opportunities. With the perspective changing to lifelong learning and the need for more user-friendly services, transfer is becoming more important and is beginning to play a larger role in the ecosystem than ever before. Register and attend this session to hear the latest on trends and initiatives in student transfer across Canada and the United States of America, learn about new and pending policy changes, and find successful practices, tools & resources.

3.00pm – 4.00pm

4 STUDENT TRANSFER: PRIMARY USE CASE FOR JSON TRANSCRIPT DEVELOPMENT & PATHWAY TO JSON-LD

FEATURED SPEAKERS

- **JOHN LOVELL**, TECHNOLOGY DIRECTOR, ACCESS 4 LEARNING (A4L) COMMUNITY
- **MICHAEL D. MORRIS**, SENIOR SOFTWARE ENGINEER IN TEST, ACT, INC.
- **RICK SKEEL**, PRODUCT MANAGER, ELLUCIAN

PESC's JSON Transcript Development Workgroup launched in January 2021 with support from AACRAO, AcademyOne, Bardic Systems, DegreeData, Digitary, Ellucian, National Student Clearinghouse, Parchment and University of Southern California.

With many possible needs and uses of a JSON Transcript debated and discussed, the highest priority that has emerged is support for student transfer from one institution to another.

More specifically, the Workgroup looks to produce the most usable, most implementable, most interoperable version of the Transcript in JSON technology and bring with it all the benefits of JSON. Adding the JSON Transcript to PESC's portfolio of PESC Approved Standards expands PESC's technology base to include JSON, with EDI, PDF and XML.

As a free and open Workgroup, PESC garners the best ideas during development from across all education, employment and training while ensuring alignment with other initiatives and other standards – all in support of learner-centric, lifelong learning. In so doing, the need and use for JSON-LD has become integral to the discussion. Register today and learn about the latest developments and value proposition presented by JSON-LD.

THURSDAY OCTOBER 21, 2021

12.00pm – 12.15pm

» **WELCOME**

12.15pm – 1.30pm

5 COFFEE TALKS! SHOWCASING PESC & PESC MEMBERS

The COFFEE TALKS! segment of the October 2021 Data Summit is structured as breakouts to showcase and promote PESC and leading PESC Members & Partners on their newest initiatives. Like an 'executive briefing,' PESC Members & Partners involved in all student-related data projects, will discuss the current landscape, share their reports and resources, and highlight their products, services and partnerships.

12.00pm – 12.30pm

PESC 25TH ANNIVERSARY IN 2022

» **MICHAEL SESSA**, PRESIDENT & CEO, PESC

Emerging from the COVID Pandemic is challenging every aspect of our lives. For PESC in entering its 25th year anniversary, it is a time for renewal, and internal as well as external modernization. Well underway at PESC are plans for 2022 including:

» updating and migrating the PESC Website to a new platform with integration of LinkedIn, Twitter and Facebook;
» the April 2022 Data Summit planned for in-person in Washington, D.C.
» the October 2022 Data Summit planned for in-person in Vancouver
» upgrading financial desktop software to online version
» Featured Interviews for The Standard
» new Membership Application
» new Sponsorship Application
» new Best Practices

12.30pm – 1.00pm *(program for breakouts repeated at 1.00pm)*

FEATURED BREAKOUTS

- » ACADEMYONE & GEORGIAN COLLEGE
- » EMREX
- » NATIONAL STUDENT CLEARINGHOUSE
- » PARCHMENT

1.00pm – 1.30pm *(repeated)*

FEATURED BREAKOUTS

- » ACADEMYONE & GEORGIAN COLLEGE
- » EMREX
- » NATIONAL STUDENT CLEARINGHOUSE
- » PARCHMENT

ACADEMYONE & GEORGIAN COLLEGE: STREAMLINING ADVANCED STANDING (PRIOR LEARNING ASSESSMENT) WITH THE PESC STUDENT TRANSCRIPT REQUEST/REPLY VIA INITIATION BY LEARNER CONTEMPLATING ENROLMENT

FEATURED SPEAKERS

- » **JULIE GODFREY**, PMP, MBA, CSM, SENIOR PROJECT MANAGER, GEORGIAN COLLEGE
- » **SUSAN HOSEIN**, SENIOR MANAGER, OFFICE OF THE REGISTRAR, GEORGIAN COLLEGE
- » **DAVID K. MOLDOFF**, CEO AND FOUNDER, ACADEMYONE, INC.
- » **ERIK SHEPSKI**, DIRECTOR OF CLIENT IMPLEMENTATIONS, ACADEMYONE INC.

Representatives from Georgian College (located in Barrie, Ontario) and AcademyOne will discuss and demonstrate a new student workflow process for Georgian College that automates transcript processing steps (now manual) for some 80% of Georgian College's incoming Applicant/Students. Georgian College has chosen to deploy and brand AcademyOne's AdvancED™ Credit Modeler – offering a prospective learner a real "what if" navigation tool for program study options, that calculates and presents how prior learning would be credited toward completion requirements, before the learner actually enrols. Functionality is available on any device – phone, tablet, computer.

The workflow demonstration will illustrate how a prospective Georgian College learner initiates a request for their digital transcript – sending the digital transcript request externally through a hub or network (e.g. OCAS, PESC EdExchange, SPEEDE Server, MyCreds |MesCertif, etc.) – to retrieve and deliver the learner's verified coursework for consumption and automated processing in the AdvancED™ Learner Center. Also, if the learner decides to apply/enrol, the learner can also *Petition for PLA* credit which initiates the assessment workflow seamlessly.

Important to note in the workflow process is the elimination of manually intensive data entry of the prior learning assertions from the transcript and/or costly optical character recognition (OCR) scan processing of them. The distributed queues and assessment with college departments and role-based faculty/subject matter expert responsibilities sourced from SSO (enterprise system), will also be shown.

AcademyOne believes prior credit assessment (including experiential) is the underlying use case for the JSON Transcript – due to the benefits gained by receiving institutions that could streamline overall access and responsiveness by adopting it. Using the digital transcript will help skip over the tedious data collection and review phase – allowing the receiver to focus on *notarizing* the learning before the learner starts their completion plan – and records how the learning articulates – as PLA credits annotated on the Student's new transcript (in the enterprise SIS).

AcademyOne is a long-time Member of PESC and Annual Sponsor. For more information on AcademyOne, please visit https://www.academyone.com/.

EMREX

FEATURED SPEAKERS

- **TOR FRIDELL**, CHAIR, EMREX EXECUTIVE COMMITTEE
- **JAN-JOOST NORDER,** EMREX EXECUTIVE COMMITTEE
- **GUIDO BACHRACH**, EMREX EXECUTIVE COMMITTEE

EMREX is a flexible solution for transferring student data internationally in a machine-readable, standardized way. It consists of two parts: the technical solution and the international network of partners (EMREX User Group – EUG). EMREX originated as a

European Union (EU)-funded project in 2015-2017, aiming to simplify and increase the quality of the credit transfer process after a student exchange.

The EMREX service network went into production before the successful project ended and has been in production ever since, being one of EU projects maintaining itself and being able to grow after the project officially ended. EMREX is not limited to the EU as it can be used worldwide. At present, EMREX is operational in several countries in Europe and is being used as a technical solution used to securely exchange educational data between students and third parties, for example higher education institutions (HEIs) or potential employers.

Over the last few years EMREX has developed itself into an organization committed to facilitating the exchange of educational data within and outside of Europe, with several countries having implemented EMREX into their national systems. Leaders of EMREX and the EMREX Executive Committee will provide an overview of EMREX at PESC's October 2021 Data Summit (Breakout), how the EMREX network can be used from education to employment, and new efforts for implementation throughout Germany.

National Student Clearinghouse

Featured Speakers

» **Doug Falk**, VP & CIO, National Student Clearinghouse

Parchment

Featured Speakers

» **Jason Weaver**, Head of Product, Parchment

3.00pm – 4.00pm

6 UNDERSTANDING THE IMPACTS OF THE PANDEMIC ON STUDENT MOBILITY, THROUGH NSC RESEARCH CENTER PUBLICATIONS

FEATURED SPEAKER

» **MIKYUNG RYU, PH.D.**, DIRECTOR OF RESEARCH PUBLICATIONS, NATIONAL STUDENT CLEARINGHOUSE RESEARCH CENTER

Even before the pandemic, higher education was facing enrollment declines in many parts of the nation. And now, the coronavirus pandemic seems to have upended the historical countercyclicality of higher education during economic downturns. The National Student Clearinghouse Research Center has shown steep enrollment drops at community colleges nationally and the general dampening impact of the pandemic on student transfer and mobility. This session highlights the pandemic's effect on college enrollment and student mobility through the NSC Research Center's latest publications and dialogues with the attendees about how our higher education system should respond and adapt to new realities brought on by the pandemic during these extraordinary times.

FEATURED SPEAKERS

Guido Bacharach Guido Bacharach is Head of Strategy and Digitization Unit at the Stiftung for Hochschulzulassung in Dortmund since 2014 (http://www.hochschulstart.de). After his study he had managing positions especially in the sales area and in public services. The focus of his work is on strategic digitization, process improvement and project management. He is member of the Deutsche Gesellschaft für Projektmanagement (GPM e.V.). Guido is appointed technical expert to the Executive Committee of EMREX and involved in international projects.

Ruth Blades Ruth Blades is the Executive Director of the Council on Admission & Transfer for Nova Scotia Inc. What began as a project in 2013 has become a thriving, incorporated entity in 2021, with Ruth as the sole employee. Throughout this time, she has led the eleven universities and colleges in the province in the development of systems that support student enrolment and mobility, including electronic transcript exchange, an application gateway, a transfer credit equivalency database and a common spring & summer course database for Nova Scotia.

Ruth has been a member of CanPESC since 2015, and CATNS has been a member of PESC since 2020. She is an active participant in many CanPESC initiatives – Standards Upgrade Pathways WG, Standards of Practice WG, Common Digital Layout WG, Institutional Codes Survey WG, and Standards WG/Liaison to PESC Standards Forum – and PESC working groups - GEOCode (sub-country administrator) and JSON Working Group. In 2019 the work of Ruth and her colleagues was recognized through CATNS being awarded first place in PESC's 20th Anniversary Best Practices Competition for their MyTranscripts system.

Over her 30+ year career Ruth has held senior positions in both the public and private sector in Nova Scotia, including nine years in the Registrar's Office at Dalhousie University. For 11 years she applied her skills to consulting engagements with clients in many sectors including higher education, economic development, and immigration. She holds a Bachelor of Commerce (Finance) from Saint Mary's University and a Master of Library and Information Studies from Dalhousie University, and is a certified Project Management Professional. Ruth is also Vice-Chair of the Pan-Canadian Consortium on Admissions and Transfer.

As Executive Director of the Council on Admission & Transfer for Nova Scotia, Ruth has led the 11 universities and colleges in the province in development of systems that support student enrolment and mobility. She is also Vice-Chair of the Pan-Canadian Consortium on Admissions and Transfer.

Borhene Chakroun Borhene Chakroun is Director, Division for Policies and Lifelong Learning Systems in UNESCO's Education Sector. He is an engineer and has a PhD in Education Sciences from Bourgogne University in France. Borhene worked, during the 1990s, as trainer, chief trainer, project manager. He has also worked as short-term consultant for the EU, World Bank and other international organisations before coming to the European Training Foundation (ETF) in 2001.

At the ETF, Borhene worked as Senior Human Capital Development specialist. He is now Director of Policies and Lifelong Learning Systems Division at UNESCO-HQ. Borhene conducted a range of policy reviews and skills systems diagnosis in different contexts. He has authored and co-authored various articles and books in the field of skills development and lifelong learning.

Much of his most recent work focuses on global trends in reforming education and training systems and global agenda for skills development in the context of the 2030 Sustainable Development Agenda.

Joanne Duklas Joanne Duklas is an award winning researcher and consultant in higher education with several years experience in Canadian post-secondary education. Her career includes serving in various senior leadership roles within the post-secondary sector on stakeholder boards and at one of Canada's largest institutions as a registrar and assistant vice president. Her scholarship research interests focus on student success and mobility.

A former president of the national registrars' association (ARUCC, 2012), Joanne actively supports post-secondary organizations and government by leading large-scale projects, evidenced-based research, & cross-sector consultations to advance best practice and student success. She provides her institutional clients with expertise in a broad range of areas including pathway development, strategic and organizational reviews, service improvements, and policy development and standards creation.

Joanne has led and authored several national studies including creating Canada's first national transcript and transfer guide and peer-reviewed national studies including International Transfer Credit Practices (2019) and Micro-Credentials: Trends in Credit Transfer and Credentialing (2020).

In her downtime, Joanne is a fine artist and exhibits her work in juried art shows when she's not enjoying work or family. https://duklascornerstone.ca/about/team/

Doug Falk Doug Falk has served in technology leadership positions for 17 years at the National Student Clearinghouse, where he is currently Vice President and Chief Information Officer. As CIO, Doug provides vision and leadership for information technology initiatives that align with business goals to improve client responsiveness, quality, security and compliance, and cost effectiveness. He is responsible for providing leadership across multiple areas, including development, implementation

and governance of information systems, enterprise architecture, information security, and technology infrastructure.

Prior to being named CIO, Doug was the Clearinghouse's long-time Vice President of Information Technology and CTO. He was instrumental in developing the Clearinghouse's Web-based application services and its data management capabilities. Doug has been a member of the PESC Board of Directors since 2005, and served as Board Chair from 2014 - 2019.

Tor Fridell Tor Fridell is currently Head of Student Information System at Linkoping University and also Coordinator for International Affairs for the National Swedish Ladok Consortium. Tor has been employed by the University since 1996. Previous jobs include Operations manager for the Ladok Consortium, IS manager for Linkoping Institute of Technology, and programmer. Tor has long been involved in international cooperation regarding exchange of student data and is also active in standards work and development of student information systems.

Tor has been President of the European Campus Card Association and Chairman of the National Swedish Standards Committee SIS TK450, the national body for CEN TC 353, working with Learning Technologies. Tor has been involved in the EMREX project since the start and is currently Chair of the EMREX User Group Executive Committee. He holds a Master's Degree in Computer Science and Engineering.

Julie Godfrey July Godfrey is a strategic, astute planner and business professional. Working as a Senior Project Manager for Georgian College, Julie joined the college in 2007 where she has had the privilege of leading many of the technology-focused projects. These include but are not limited to: PeopleSoft Human Resources and Finance, Salesforce prospect and applicant management, parking, International Application Service by OCAS, Ellucian Banner upgrades and now the first of many initiatives under the college's bold Digital Innovation Strategy in partnership with AcademyOne.

Julie holds a Master of Business Administration from Schulich, is a Project Management Professional (PMP) and a Certified Scrum Master (CSM). Her background in consulting, solution architecture, requirements and development spanning various industries is well aligned to her passion for continuous learning, continuous improvement and making people's lives simpler when it comes to systems. In her free time, you'll find Julie writing, taking landscape photographs or riding her motorcycle.

Melanie Gottlieb Melanie Gottlieb assumed the role of Interim Executive Director in May of 2021, after nearly six years as the Deputy Director. She came to the national office with 18 years as an AACRAO member, with experience in Records & Registration, Enrollment Management and International Recruitment and Credential Evaluation.

Melanie has served AACRAO in a variety of leadership roles throughout her career, most recently as Vice President for International Education on the AACRAO Board of Directors. Melanie earned an MA in Information Science from the University of Missouri - Columbia and a BA in History /American Studies from Marlboro College in Vermont.

Susan Hosein Susan Hosein is a Senior Manager in the Office of the Registrar and is the department lead as Georgian College launches their Digital Innovation strategy. Susan joined Georgian College in 2008 holding progressive roles leading multiple projects including but not limited to the implementation of a document management solution, the transition from EDI to XML data exchange with OCAS, the college's ONEcard (student card) solution and Degree Works. Most recently, Susan led the implementation of ARUCC MyCreds™ and is now the business lead of the first digital innovation initiative in partnership with AcademyOne to implement solutions within the Registrar's Office.

In addition to the strategic, system and process improvement projects Susan has lead over the years, she has also managed a diverse portfolio including scheduling, curriculum, fees and reporting.

Susan holds a Bachelor of Arts from York University (Glendon College). Her management background in various industries has allowed her to see how the simplest pivot in a process or the implementation of a complex system can change an experience and that's her focus now – every student's experience as they navigate their academic journey at Georgian College. In her free time, Susan enjoys outdoor activities and reading a great thriller novel.

Herman de Leeuw 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. 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, PESC 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.

John W. Lovell John Lovell is the Technology Director for the Access 4 Learning (A4L) Community and enjoys working on related opportunities with PESC through our two organizations' partnership. Technical liaison and resource for all things A4L, John utilizes his fifteen years of experience in education standards to ensuring collaboration on local and international efforts, leading software developer for the Community, and supporting the ongoing use of the Test Harness by developers to assure quality. This work requires John to develop software that supports XML message-based data exchange while concurrently utilizing the latest REST and JSON technologies.

Kathleen Massey Kathleen Massey is Associate Vice-President (Students) at the University of Lethbridge, a position she has held since 2017. At the University of Lethbridge, Kathleen oversees the Registrar's Office, Enrolment Services and Student Services – directing the University's commitment to student success and enhancing the student experience. Kathleen also serves as the current Board President of the Groningen Declaration Network.

Prior to her appointment at University of Lethbridge, she served as Registrar and Executive Director, Enrolment Services at McGill University for ten years and previously held posts at the University of Calgary, Centennial College and York University. Kathleen holds a Bachelor of Political Science from York University and a Master of Leadership from Royal Roads University. Focused on advancing student achievement and creating a framework that supports student success, Massey was recognized in 2014 with an Outstanding Achievement Award from the Association of Registrars of the Universities and Colleges of Canada. She also won a 2003 Queen's Golden Jubilee Medal for Outstanding Leadership in Education.

David K. Moldoff David K. Moldoff, Founder and CEO of AcademyOne, Inc., is a visionary in higher education responsible for AcademyOne's overall strategy with specific emphasis on the technology infrastructure, integration of applications and services as well as exploiting his vast industry network with regards to sales, strategic partnerships, associations, etc. David is a successful entrepreneur with over 34 years of experience in launching and managing new companies and new products in technology for higher education.

Before forming AcademyOne in 2005, David was SVP of Solutions Architecture and Infrastructure for SCT, which he was instrumental in selling to SunGard in 2004. Within PESC, David currently serves as Board Secretary, Co-Chair of the EdExchange User Group and on the Steering Committee of PESC GEO Code User Group. David serves as PESC Board Liaison to the Rome Student Systems and Standards Group (RS3G) – now converged with the Groningen Declaration Network, served as Co-Chair of the EdUnify Task Force, and was instrumental in the formation of the Common Identity and Trust (CommIT) Collaborative initiated by PESC's Electronic Authentication/Authorization (EA2) Task Force which partnered with Internet2.

Michael D. Morris Michael D. Morris is the Senior Software Engineer in Test at ACT and has been serving as Chair of PESC's Technical Advisory Board (TAB) for more than 15 years. With the TAB team, Michael has guided PESC's XML technical architecture and development of all technical specifications. Analysis of JSON within TAB began in 2014 and resulted in the first white paper in 2015. With that, PESC began socializing and educating the community on the value of JSON – The Next Big Jump in Technology & Standards and also formed the JSON Task Force, in partnership with A4L and Credential Engine, with Michael as Chair. As JSON presents opportunities to improve PESC's architecture and data modeling, Michael is serving as essential advisor in development of the JSON Transcript.

Jan Joost Norder Jan Joost Norder works at the Dienst Uitvoering Onderwijs, part of the Dutch Ministry of Education, Culture and Science. In his role as Product Owner he is responsible for the Dutch *Diplomaregister*. Jan Joost is a Member of the EMREX Executive Committee and also previously served as Chair. He has many years of experience in improving the digital enrolment process and exchange of student data in higher education. Since 2016, he has been involved in international projects.

Mikyung Ryu, Ph.D. Mikyung Ryu, Ph.D., Director of Publications for the National Student Clearinghouse Research Center, oversees the planning, development, and production of all public reporting produced by the Research Center. Mikyung is responsible for advancing the research agenda to ensure that it continues to meet the needs of the field and helps to expand the research uses of Clearinghouse data.

Prior to joining the Research Center, Mikyung led higher education policy research at the American Council on Education and the National Center for Public Policy and Higher Education, with a primary focus on improving college accessibility, affordability, and student learning. She has a wealth of experience in refining the nation's education datasets, from having served on the US Department of Education's IPEDS Technical Review Panels and Sample Survey Advisory.

Mikyung is a product of America's great public university systems. Inspired by this experience, and as her own way of "paying forward," she chose to work in the field of higher education research and advocacy.

Jasmin Saidi-Kuehnert Jasmin Saidi-Kuehnert is the founder, President and CEO of Academic Credentials Evaluation Institute, Inc. based in Los Angeles, CA. She is a published author and speaker on world education systems and advises institutions and organizations on emerging markets, credential evaluation standards, and partnerships for exchange programs.

Jasmin is currently Chair of the International Education Standards Council that oversees the country profiles and credential advice for AACRAO's Electronic Database on Global Education (EDGE). She also serves as President of the Board of Directors of the Association of International Credential Evaluators (AICE), a non-profit professional association for credential evaluation service providers in the U.S. She holds a BA in Political Science from the University of San Diego and an MBA from Pepperdine University.

Michael Sessa Michael Sessa serves as President, Chief Executive Officer, and a member of the PESC Board of Directors, a position he's held since 2002. At PESC Michael manages PESC's membership, finances, events, marketing and website, strategic planning and PESC's committees and groups. He began his career in 1990 at a local branch of The Boston Five Cents Savings Bank in student loans and consumer lending & compliance and has dedicated his efforts to standardization and interoperability ever since.

As evangelist at PESC, Michael speaks regularly at conferences and events throughout the USA, Canada and around the world. Michael first served on the PESC Board of Directors from 1999-2002, representing American Student Assistance (ASA) and the National Association of Student Loan Administrators (NASLA), before coming on board in 2002.

Prior to PESC, Michael worked 10 years at American Student Assistance (Massachusetts Higher Education Assistance Corporation) as Director of Program Relations and Planning managing industry and government affairs and strategic technological initiatives. Michael is a 1989 graduate of Dartmouth College and was born and raised in Revere, Massachusetts, just north of Boston. He currently resides in Washington DC where PESC is headquartered.

Erik Shepski Erik C. Shepski is the Director of Client Implementations at AcademyOne Inc. where he began in 2008 as an Implementation Consultant after leaving the banking industry. Over the past 13 years he has worked with hundreds of institutions to implement data and solutions on AcademyOne's transfer software. Having also served in Business Analyst and Quality Assurance roles, Erik is now

primarily focused on the day-to-day tasks of leading and assisting AcademyOne client implementations and support.

Rick Skeel Rick Skeel 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 was a member of the PESC Board since July 2005, except for one year due to a change in employment. Rick worked at the University of Oklahoma 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 is now working for Ellucian. In serving as the current Chair of the PESC Board of Directors, Rick is dedicated to continue the work he has been involved in for so many years. Rick also Chairs PESC's JSON Transcript Development Workgroup, expected to produce the College Transcript Standard in JSON technology.

Jason Weaver Jason Weaver is the Head of Product at Parchment. He joined Parchment in 2010 and currently leads the product and design teams. In his work, Jason brings extensive practical data expertise from across large-scale, digital credential initiatives. He has served as a partner and consultant on a myriad of projects with state agencies to implement data exchanges at scale, including Indiana, Montana, and West Virginia.

Jason is responsible for Parchment's product strategy, roadmap, solution design, partnerships, and standards compliance. Jason has served as the volunteer Co-Chair of PESC's Education Record User Group from 2014-2018 and as Vice Chair of the PESC Board of Directors from 2019-2021. Jason holds a B.S. in Information Science and Technology from Penn State, and currently resides in Omaha, Nebraska.

Margaret Wenger Margaret Wenger has worked at Educational Credential Evaluators, Inc., a non-profit credential evaluation agency, since 1990, currently holding the position of Senior Director of Evaluation. As Senior Director, Meg leads evaluation policy development, new evaluator training, and coordinates quality assurance efforts. She is the author of ECE Presents: The Educational System of Tunisia and The Kingdom of Saudi Arabia: Its Educational System and Methods of Evaluation, as well as contributing to the NAFSA Guide to Educational Systems Around the World (1998 and 2009), and other publications.

Meg has given workshops at number of international conferences including NAFSA, NAGAP, CGS, and EAIE, and she serves as chair of the Digital Student Data Task Force of the Association for International Credential Evaluation Professionals (TAICEP), as well as co-chairing the Groningen Declaration Network Task Force on Verification Policies and Best Practices.

22ND ANNUAL BEST PRACTICES COMPETITION

PESC

T.R.U.S.T. HUB

GDN T.R.U.S.T. HUB

1ST PLACE WINNER

FOR ADMINISTRATIVE TRUST

– PESC 22ND ANNUAL BEST PRACTICES –

PESC Board of Directors

W. Matthew Bemis
University of Southern California

Kristi Blabaum
NASLA National Association of Student Loan Administrators

Ruth Blades
CATNS Council on Admission & Transfer for Nova Scotia

Doug Falk
National Student Clearinghouse

William Bryant Faust
AACRAO American Association of Collegiate Registrars & Admissions Officers

James Kelly
Jim Kelly Technologies

David K. Moldoff
AcademyOne

Michael D. Sessa
PESC

Monterey Sims
University of Phoenix

Rick Skeel
Ellucian

Francisco Valines
Florida International University

Jason Weaver
Parchment

Vivian W. Wong
Oracle

www.pesc.org

PESC®

T.R.U.S.T. HUB
GDN T.R.U.S.T. HUB
1ST PLACE WINNER
FOR ADMINISTRATIVE TRUST
– PESC 22ND ANNUAL BEST PRACTICES –

September 23, 2021

Herman de Leeuw
Executive Director
Groningen Declaration Network (GDN)
https://www.groningendeclaration.org/

Dear Herman:

On behalf of PESC and the PESC Board of Directors, I am pleased to notify you that your submission GDN T.R.U.S.T. Hub in PESC's 22nd Annual Best Practices Competition has been awarded **1st Place Winner** for "Administrative Trust" role.

A multi-media press release will be issued by PESC announcing this 1st Place Award with this notification letter and your winning submission attached. An Awards Ceremony is planned for the opening session of PESC's upcoming October 2021 Data Summit (Tuesday, October 19, 2021). I hope you are available at this time to provide brief remarks.

Session time has also been allocated on the Summit program agenda for you to present your winning submission. Your winning submission will also be posted prominently on the Annual Best Practices page of PESC's website along with all previous 1st Place Award Winners. Please note the actual award will be held and delivered to you personally.

Congratulations from PESC and the PESC Board of Directors! Thank you and please extend warm thanks and gratitude to the GDN Board of Directors and the entire GDN team!

My best regards,

Michael D. Sessa
President & CEO
PESC

cc: PESC Board of Directors

FOR IMMEDIATE RELEASE
SEPTEMBER 23, 2021
CONTACT
JENNIFER KIM, PESC
HERMAN DE LEEUW, GDN

GDN T.R.U.S.T HUB
1ST PLACE AWARD
ADMINISTRATIVE TRUST
22ND ANNUAL BEST PRACTICES

GDN T.R.U.S.T. HUB AWARDED 1ST PLACE

FOR 'ADMINISTRATIVE TRUST' ROLE IN 22ND BEST PRACTICES

ONLINE, SEARCHABLE MAP ESTABLISHES GLOBAL TRUST IN DIGITAL LEARNER DATA ECOSYSTEM

Washington, D.C. ~ The Board of Directors of the Postsecondary Electronic Standards Council (PESC) is pleased to announce the **GDN T.R.U.S.T. Hub** of the Groningen Declaration Network (GDN) as 1st Place Winner for *Administrative Trust* role in PESC's 22nd Annual Best Practices Competition.

GDN identifies trusted entities through its Signatory process, and once approved, the status of *GDN Signatory* is granted. The GDN T.R.U.S.T. Hub provides an overview of the GDN Digital Learner Data Ecosystem in an online searchable map. Where the Signatories, including credential depositories, are located is displayed, along with how to contact them for more information.

"The GDN is effective because of the strategic vision, commitment, and hard work of many of the Network's Signatories, Board Executives, and volunteers. As President of the GDN, I am thrilled and grateful that the Network's T.R.U.S.T. Hub is being recognized by PESC and would like to sincerely thank all those who worked so diligently to develop and launch this innovative resource."

» Kathleen Massey, President, GDN; and Associate Vice President (Students), University of Lethbridge

"What wonderful recognition for the GDN T.R.U.S.T. Hub. The DCC team was happy to lend our knowledge and expertise to this important GDN initiative. This one-stop resource of trusted providers closes a glaring gap and is an essential resource for credential assessment professionals around the world. We enjoyed working on this important project with our learned colleagues and are honoured to receive this recognition."

» Joanne Duklas, President, Duklas Cornerstone Consulting, Inc.

"Societal trust, refined and enhanced for thousands of years, is part of everyone's daily lives. Digital trust is relatively new and far more complex, but still must be achieved. The GDN T.R.U.S.T. Hub is an important and critical building block that assists in establishing trust in the digital learner data ecosystem."

» Michael D. Sessa, President & CEO, PESC

The award-winning submission made by GDN is posted on the PESC website with prior winners at www.pesc.org. An Awards Ceremony will be held during the General Sessions at PESC's October 2021 Data Summit being held virtually October 19-21, 2021.

For more information about the GDN T.R.U.S.T. Hub and to join GDN, please visit https://www.groningendeclaration.org/.

For more information about PESC and the Annual Best Practices Competition, please visit https://www.pesc.org/.

About GDN

The Groningen Declaration Network is an international, nonprofit and voluntary network of like-minded organizations and individuals that want to make digital student data portability happen. It's Global Founding Seminar took place in 2012. Today it consists of participants and signatories of over 29 countries worldwide.

The Network builds on the Groningen Declaration. Citizens worldwide should be able to consult and share their authentic educational data with whomever they want, whenever they want, wherever they are. In order to get there, the declaration wants to establish a global area of convergence on digital student data depositories, while respecting their autonomy and diversity. It wants to look into privacy rights, ownership of data, identification, access and forwarding/ sharing of data, next to compatibility and comparability of data. This is a declaration of intent, with no binding power. The Board of Directors cannot ask participants to do things other than voluntarily.

The Groningen Declaration Network seeks common ground in best serving the academic and professional mobility needs of citizens worldwide by bringing together stakeholders in the digital student data ecosystem at its Annual Meeting.

About PESC Annual Best Practices

PESC Annual Best Practices Competition recognizes, highlights and promotes innovation and ingenuity in the application and implementation of interoperable data standards for business needs. The Annual Best Competition is open to institutions (schools, colleges, universities), 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 (e.g. published articles, white papers, pilots, demonstrations and implementations).

Submissions can/may include documentation, artifacts and descriptions of the scope of a project, participants and partners, types of standards employed, relevant dates and project milestones, copies of articles (if an article submission), outline of mission/objectives and any related statistics (# of transactions transmitted, estimated cost savings, etc.).

HALLMARKS OF BEST PRACTICES: While innovation and meeting customer needs will continue to ensure the rapid evolution of systems, applications, networks, products and services, those PESC recognizes as 'Best Practice' all share the use and inclusion of: Common Data Standards; Unique Identifiers and Standardized Code Sets; Quality Control Measures; Controlled Access and Security; Comprehensive Management Support; Flexibility and Scalability; Student/Learner-Centric; Formal Data Governance

EXPANSION OF BEST PRACTICES IN 2021: The Annual Best Practices expanded in 2021 into three separate categories: by region, by role, by technology. Awards may be made each year for each of the three separate categories; and multiple awards may be made each year under each category. The PESC Board Review Committee makes all awards and may determine that no award be made in a given year under one or more categories.

# # #

MyCreds.ca MesCertif.ca

MyCreds™ | MesCertif™

1ST PLACE WINNER

FOR MOBILE LEARNER

– PESC 22ND ANNUAL BEST PRACTICES –

PESC Board of Directors

W. Matthew Bemis
University of Southern California

Kristi Blabaum
NASLA National Association of Student Loan Administrators

Ruth Blades
CATNS Council on Admission & Transfer for Nova Scotia

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Florida International University

Jason Weaver
Parchment

Vivian W. Wong
Oracle

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MyCreds™ | MesCertif™
1ST PLACE WINNER
FOR MOBILE LEARNER
– PESC 22ND ANNUAL BEST PRACTICES –

September 23, 2021

Joanne Duklas
Executive Lead
Association of Registrars of the Universities and Colleges of Canada
https://arucc.ca/en/ https://arucc.ca/fr/

Dear Joanne:

On behalf of PESC & the PESC Board of Directors, I am pleased to notify you that your submission MyCreds™ | MesCertif™ in PESC's 22nd Annual Best Practices Competition has been awarded **1st Place Winner** for "Mobile Leaner" role.

A multi-media press release will be issued by PESC announcing this 1st Place Award with this notification letter and your winning submission attached. An Awards Ceremony is planned for the opening session of PESC's upcoming October 2021 Data Summit (Tuesday, October 19, 2021). I hope you are available at this time to provide brief remarks.

Session time has also been allocated on the Summit program agenda for you to present your winning submission. Your winning submission will also be posted prominently on the Annual Best Practices page of PESC's website along with all previous 1st Place Award Winners. Please note the actual award will be held and delivered to you personally.

Congratulations from PESC and the PESC Board of Directors! Thank you and please extend warm thanks and gratitude to the ARUCC Executive Committee and the entire ARUCC team!

My best regards,

Michael D. Sessa
President & CEO
PESC

cc: PESC Board of Directors

FOR IMMEDIATE RELEASE
SEPTEMBER 23, 2021
CONTACTS:
JENNIFER KIM, PESC
JOANNE DUKLAS, ARUCC

MYCREDS™ | MESCERTIF™
1ST PLACE AWARD
MOBILE LEARNER ROLE
22ND ANNUAL BEST PRACTICES

MYCREDS™ | MESCERTIF™ AWARDED 1ST PLACE

FOR 'MOBILE LEARNER' ROLE IN 22ND BEST PRACTICES

ARUCC'S NATIONAL NETWORK BEING IMPLEMENTED ACROSS CANADA

Washington, D.C. ~ The Board of Directors of the Postsecondary Electronic Standards Council (PESC) is pleased to announce **MyCreds™** | **MesCertif™** as 1st Place Winner for *Mobile Learner* role in PESC's 22nd Annual Best Practices Competition.

Through this network established by the Association of Registrars of the Universities and Colleges of Canada (ARUCC), Canadian colleges and universities are providing credential wallets to learners, giving them 24-7 access and helping them securely send their documents, badges, microcredentials, transcripts, and parchments wherever and whenever they want - anytime, anywhere.

"From 2014, ARUCC began a journey to explore the world of digitization," says Romesh Vadivel, Past President, ARUCC. "We engaged with hundreds of higher education leaders through surveys, consultation work groups, meetings and more to understand the challenges impeding learner mobility. The evidence indicated we could and should do more to ensure supports in place for both domestic and international learners entering into, transferring between and graduating from our Canadian colleges and universities. MyCreds™ | MesCertif™ represents an excellent illustration of what we can do together to help learners achieve their dreams."

"We received a formal mandate from the community of registrars here in Canada to proceed with MyCreds™ | MesCertif™," says Charmaine Hack, former President and current Project Chair, ARUCC. "They gave their unanimous support for moving forward with the RFP and subsequently creating the national network we have today. As each school onboards, thousands of students have been able to access and share their official documents both in Canada and around the world. We are extremely impressed with the forward-thinking vision of our community and believe that with MyCreds™ | MesCertif™ , our students will be well supported as they move ahead into the job market."

"It's been an honour to support this initiative since 2014," says Joanne Duklas, Executive Lead, ARUCC MyCreds™ | MesCertif™ and former past president, ARUCC. "Helping learners to access their official documents through use of advanced technology and innovative digitization practices has become an essential component to modern sustainable service delivery. With MyCreds™ | MesCertif™ powered by Digitary, a world leader in this space, we have managed in eight months to deliver 100,000 official documents to 80,000 learners across 20 institutions through virtual wallets. It's been a tremendous success and we look forward to more schools joining as quickly as possible to continue the wave of support."

"The management and governance illustrated by ARUCC of MyCreds™ | MesCertif™, along with the extensive community outreach conducted, are simply extraordinary and exemplary," states Michael D. Sessa, PESC President & CEO. "Each step in their entire development plan was meticulously and methodically addressed, from beginning to implementation. In being such a major achievement for ARUCC and for Canada, MyCreds™ | MesCertif™ serves as a mobile-learner best practice model for other countries, networks and communities."

The award-winning submission made by ARUCC is posted on the PESC website with prior winners at www.pesc.org. An Awards Ceremony will be held during the General Sessions at PESC's October 2021 Data Summit being held virtually October 19-21, 2021.

For more information about the MyCreds™ | MesCertif™ and ARUCC, please visit https://arucc.ca/en/, https://arucc.ca/fr/.

For more information about PESC and the Annual Best Practices Competition, please visit https://www.pesc.org/.

About MyCreds™ | MesCertif™

ARUCC Launches New Learner Credential Wallet as part of the ARUCC National Network Project

ARUCC is pleased to announce the launch of a comprehensive, bilingual, online credential wallet for Canadian post-secondary learners called MyCreds™| MesCertif™. This new wallet is the outcome of the incredible effort of well over 100 higher education leaders across Canada who, along with ARUCC's service provider, Digitary, are creating new ways to support learners who seek to share their documents, badges, credentials and micro-credentials on a 24/7 basis - anytime, anywhere. ARUCC is grateful to the many higher education experts from our colleges and universities across Canada, and its partners, PCCAT, CUCCIO, CanPESC, and the Digitary team. These people continue to collaborate in new and innovative ways to support post-secondary learners. Stay tuned for further news as our post-secondary institutions join MyCreds™| MesCertif™ over the coming weeks and months.

MyCreds™ | MesCertif™ Awarded 1st Place for Mobile Learner Role in 22nd Best Practices

About ARUCC

ARUCC is a member-driven association whose mission is to help foster within the Canadian higher education sector the advancement of registrarial best practices. Accordingly, ARUCC respects the autonomy and authority of all member institutions and organizations as it pertains to their individual processes, policies, and privacy concerns. The development and curation of national best practices relies heavily on consultation, benchmarking and research. Recommendations for best practices are made available to members, whom may freely adopt these or take them into account when revising and reviewing their own business operations. Members are encouraged to conduct their own due diligence and to consult with other members when seeking to amend their practices.

ARUCC is the owner of MyCreds™ | MesCertif™, a Made for Canada online national credential wallet, providing post-secondary learners with access to view and to share their digitized and portable post-secondary transcripts & credentials anytime, anywhere.

About PESC Annual Best Practices

PESC Annual Best Practices Competition recognizes, highlights and promotes innovation and ingenuity in the application and implementation of interoperable data standards for business needs. The Annual Best Competition is open to institutions (schools, colleges, universities), 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 (e.g., published articles, white papers, pilots, demonstrations and implementations).

Submissions can/may include documentation, artifacts and descriptions of the scope of a project, participants and partners, types of standards employed, relevant dates and project milestones, copies of articles (if an article submission), outline of mission/objectives and any related statistics (# of transactions transmitted, estimated cost savings, etc.).

Hallmarks of Best Practices: While innovation and meeting customer needs will continue to ensure the rapid evolution of systems, applications, networks, products and services, those PESC recognizes as 'Best Practice' all share the use and inclusion of: Common Data Standards; Unique Identifiers and Standardized Code Sets; Quality Control Measures; Controlled Access and Security; Comprehensive Management Support; Flexibility and Scalability; Student/Learner-Centric; Formal Data Governance

Expansion of Best Practices in 2021: The Annual Best Practices expanded in 2021 into three separate categories: by region, by role, by technology. Awards may be made each year for each of the three separate categories; and multiple awards may be made each year under each category. The PESC Board of Directors Review Committee makes all awards and may determine that no award be made in a given year under one or more categories.

# # #

EMREX

1ST PLACE WINNER

FOR NETWORK TECHNOLOGY

– PESC 22ND ANNUAL BEST PRACTICES –

PESC Board of Directors

W. Matthew Bemis
University of Southern California

Kristi Blabaum
NASLA National Association of Student Loan Administrators

Ruth Blades
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Francisco Valines
Florida International University

Jason Weaver
Parchment

Vivian W. Wong
Oracle

www.pesc.org

PESC

EMREX
1ST PLACE WINNER
FOR NETWORK TECHNOLOGY
– PESC 22ND ANNUAL BEST PRACTICES –

September 23, 2021

Jan-Joost Norder
Executive Committee
EMREX
https://emrex.eu/

Dear Jan-Joost:

On behalf of PESC and the PESC Board of Directors, I am pleased to notify you that your submission EMREX in PESC's 22nd Annual Best Practices Competition has been awarded **1st Place Winner** for "Network Technology."

A multi-media press release will be issued by PESC announcing this 1st Place Award with this notification letter and your winning submission attached. An Awards Ceremony is planned for the opening session of PESC's upcoming October 2021 Data Summit (Tuesday, October 19, 2021). I hope you are available at this time to provide brief remarks.

Session time has also been allocated on the Summit program agenda for you to present your winning submission. Your winning submission will also be posted prominently on the Annual Best Practices page of PESC's website along with all previous 1st Place Award Winners. Please note the actual award will be held and delivered to you personally.

Congratulations from PESC and the PESC Board of Directors! Thank you and please extend warm thanks and gratitude to the EMREX Executive Committee and the entire EMREX team!

My best regards,

Michael D. Sessa
President & CEO
PESC

cc: PESC Board of Directors

FOR IMMEDIATE RELEASE
SEPTEMBER 23, 2021

CONTACT
JENNIFER KIM, PESC
JAN-JOOST NORDER, EMREX
GUIDO BACHARACH, EMREX

EMREX
1ST PLACE AWARD
NETWORK TECHNOLOGY
22ND ANNUAL BEST PRACTICES

EMREX AWARDED 1ST PLACE

FOR 'NETWORK TECHNOLOGY' IN 22ND BEST PRACTICES

EMREX IMPLEMENTATIONS EXPANDING ACROSS EUROPE

Washington, D.C. ~ The Board of Directors of the Postsecondary Electronic Standards Council (PESC) is pleased to announce **EMREX** of the EMREX Executive Committee as 1st Place Winner for *Network Technology* in PESC's 22nd Annual Best Practices Competition.

Over the last few years EMREX has developed itself into an organization committed to facilitating the exchange of educational data within and outside of Europe, with several countries having implemented EMREX into their national systems.

EMREX is a flexible solution for transferring student data internationally in a machine-readable, standardized way. It consists of two parts: the technical solution and the international network of partners (EMREX User Group – EUG). EMREX originated as a European Union (EU)-funded project in 2015-2017, aiming to simplify and increase the quality of the credit transfer process after a student exchange.

The EMREX service network went into production before the successful project ended and has been in production ever since, being one of EU projects maintaining itself and being able to grow after the project officially ended. EMREX is not limited to the EU as it can be used worldwide. At present, EMREX is operational in several countries in Europe and is being used as a technical solution used to securely exchange educational data between students and third parties, for example higher education institutions (HEIs) or potential employers.

"EMREX is not bound to the European borders and we are always looking to expand our network. It can be used before, during and after studies, from educational to employment purposes. It would be very interesting for us to explore the North American continent," states

Jan-Joost Norder, Product Owner International Services at DUO (NL) and Board Member of the EMREX Executive Committee.

"Looking at the growth of the network in the last few years we have a promising future ahead of us. More and more organizations are joining the network and exchanges double year after year. And the first German HEI's are joining as we speak," states Guido Bacharach, German representative and Board Member of the EMREX Executive Committee.

"The level of commitment and attention to detail, undertaken by the EMREX Executive Committee to build a multi-national, interoperable, digital network, is unparalleled," states Michael D. Sessa, PESC President & CEO. "The EMREX Executive Committee is a best practice itself in open, transparent software development and deployment. In being such a major achievement, EMREX serves as a best practice model in network technology for other countries, other networks and other communities. "

The award-winning submission made by the EMREX Executive Committee is posted on the PESC website with prior winners at www.pesc.org. An Awards Ceremony will be held during the General Sessions at PESC's October 2021 Data Summit being held virtually October 19-21, 2021.

For more information about EMREX and how to connect to the EMREX network, please visit https://www.emrex.eu/.

For more information about PESC and the Annual Best Practices Competition, please visit https://www.pesc.org/.

About EMREX

Launched in 2015, EMREX is the solution for electronic transfer of student records between higher education institutions in Europe. The Emrex User Group (EUG) is an independent, international network which unites various actors interested in enhancing student data portability. As such, the network will act as a global platform for connecting expertise, sharing knowledge and enhancing collaboration to expand the EMREX footprint and help unlock the full potential of student data and open up data flows globally.

About PESC Annual Best Practices

PESC Annual Best Practices Competition recognizes, highlights and promotes innovation and ingenuity in the application and implementation of interoperable data standards for business needs. The Annual Best Competition is open to institutions (schools, colleges, universities), associations, organizations, government agencies and departments, districts, consortia, non-profit and commercial service providers and other education stakeholders that have collaborated

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Submissions can/may include documentation, artifacts and descriptions of the scope of a project, participants and partners, types of standards employed, relevant dates and project milestones, copies of articles (if an article submission), outline of mission/objectives and any related statistics (# of transactions transmitted, estimated cost savings, etc.).

HALLMARKS OF BEST PRACTICES: While innovation and meeting customer needs will continue to ensure the rapid evolution of systems, applications, networks, products and services, those PESC recognizes as 'Best Practice' all share the use and inclusion of: Common Data Standards; Unique Identifiers and Standardized Code Sets; Quality Control Measures; Controlled Access and Security; Comprehensive Management Support; Flexibility and Scalability; Student/Learner-Centric; Formal Data Governance

EXPANSION OF BEST PRACTICES IN 2021: The Annual Best Practices expanded in 2021 into three separate categories: by region, by role, by technology. Awards may be made each year for each of the three separate categories; and multiple awards may be made each year under each category. The PESC Board Review Committee makes all awards and may determine that no award be made in a given year under one or more categories.

# # #

1st PLACE

Annual Best Practices Awards

21st 1st Place Award **2019 2020**
HR Open Standards
Recruiting/Candidate Specification

20th 1st Place Award **2018 2019**
Council on Admission and Transfer of Nova Scotia
MyTranscripts | Nova Scotia's Electronic Transcript & Data Exchange System

19th 1st Place Award **2017 2018**
Indiana Commission for Higher Education
One State, Two Initiatives:: Indiana's Embrace of e-Transcripts & Credential Engine

18th 1st Place Award **2016 2017**
iQ4 & National Student Clearinghouse
Extending the Capacity of Higher Education to Scale the Output of Verified Workforce-Ready Graduates

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17th 1st Place Award **2015 2016**

University of Tennessee System & AcademyOne

Automating Reverse Transfer for the State of Tennessee

16th 1st Place Award **2014 2015**

Elon University & Parchment

Elon Experiences Transcript and Integration to the Academic Transcript

15th 1st Place Award **2013 2014**

University of Phoenix

eTAPS Electronic Transcript Acquisition Process

14th 1st Place Award **2012 2013**

OCAS - Ontario College Application Service

Implementation of High School Transcript

13th 1st Place Award **2011 2012**

NCES - National Center for Education Statistics

U.S. Department of Education's Common Education Data Standards (CEDS)

12th 1st Place Award **2010 2011**

South Carolina & AcademyOne

SC-TRAC Transfer & Articulation Center

11st 1st Place Award **2009 2010**

College Foundation of North Carolina

Electronic High School Transcript System

10th 1st Place Awards **2008 2009**

California Community Colleges & XAP and University System of Georgia Board of Regents

California eTranscript and Implementation of High School and Postsecondary XML Transcripts

9th 1st Place Award **2007 2008**

Sinclair Community College & Wainwright State University

Exchange of Electronic Transcripts via Ohio Board of Regents Articulation & Transfer Clearinghouse

8th 1st Place Award **2006 2007**

DQC - Data Quality Campaign

Longitudinal Education Data Systems: Using Data to Improve Student Achievements

7th 1st Place Award **2005 2006**

National Council of Higher Education Loan Programs

Common Record: CommonLine (CRC) Beta Test

6th 1st Place Award **2004 2005**

FSA - Federal Student Aid, U.S. Department of Education

XML Registry & Repository for Education

5th 1st Place Award **2003 2004**
Access 4 Learning
SIFA Specification

4th 1st Place Awards **2002 2003**
ELM Resources & NCHELP
ELMnet & Meteor

3rd 1st Place Award **2001 2002**
National Council of Higher Education Loan Programs
Common Account Maintenance (CAM)

2nd 1st Place Award **2000 2001**
University of Northern Iowa
EDI Bridge

1st 1st Place Award **1999 2000**
OUAC - Ontario Universities' Application Centre
Model of Electronic Standardization Initiative: Ontario Universities Electronic Transcript Exchanage (OUETS) System

www.pesc.org

Annual Distinguished Service Awards

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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.

2020
Joanne Duklas
Alex Jackl
Mike Reilly
Jason Weaver

2019
Herman de Leeuw
Simone Ravaioli
Monterey Sims
Cathy van Soest

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

2000
David Leonard
Tim Pavlick
Dave Stones

Partners and Affiliates

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www.pesc.org

AMERICAN ASSOCIATION OF COLLEGIATE REGISTRARS AND ADMISSIONS OFFICERS

https://www.aacrao.org/

Partner

AACRAO is a non-profit, voluntary, professional association of more than 11,000 higher education professionals who represent approximately 2,600 institutions in more than 40 countries. Its mission is to provide professional development, guidelines, and voluntary standards to be used by higher education officials regarding the best practices in records management, admissions, enrollment management, administrative information technology, and student services. AACRAO represents institutions in every part of the higher education community, from large public institutions to small, private liberal arts colleges. The association promotes the well-being and advancement of professionals in the higher education community by engaging members in the collaborative pursuit of excellence in admissions, registration, and enrollment services. The association provides relevant programs, professional development tools, and information resources necessary to chart the course for professional success.

ACCESS FOR LEARNING COMMUNITY

https://www.a4l.org/

Partner

The Access 4 Learning (A4L) Community, and its Special Interest Group the Student Data Privacy Consortium (SDPC), is a unique, non-profit collaboration composed of schools, districts, local authorities, states, US and International Ministries of Education, software vendors and consultants who collectively address all aspects of learning information management and access to support learning. The A4L Community strives for these educational stakeholders to establish common expectations in the connecting and securing effective learning ecosystems regardless of the platform hosting those applications. The Access 4 Learning Community has united these education technology end users and providers in an unprecedented effort to give teachers more time to do what they do best: teach.

APEREO FOUNDATION

https://www.apereo.org/

Partner

Apereo is a network of institutions like yours. We help to support software used in thousands of educational institutions worldwide. We have a growing list of software developed and maintained by Apereo Software Communities. We're also the place higher education software projects, new or ongoing, can find help, support and sustenance. Our incubation process supports new projects as they chart the path from innovation to sustainability, with communities developing around products such as EDexchange, a transcript exchange solution, and the innovative OnTask student feedback project. A recently graduated project, OpenEQUELLA is a digital repository that provides a single platform to house teaching/learning research, media and library content. Apereo is a global network, with member institutions on six continents. We actively seek to develop partnerships to further our mission of creating and sustaining software supporting learning, teaching and research. Our partnership with our sister organisations, the ESUP-Portail consortium in France, and the LAMP Consortium, creates a network of over 150 higher educational institutions and partners. It's a network where you can share experiences and good practice, learn from the experiences of others, and discover new partners for collaboration.

ASSOCIATION OF REGISTRARS OF THE UNIVERSITIES AND COLLEGES OF CANADA

https://www.arucc.ca/

Partner

ARUCC is a member-driven association whose mission is to help foster within the Canadian higher education sector the advancement of registrarial best practices. Accordingly, ARUCC respects the autonomy and authority of all member institutions and organizations as it pertains to their individual processes, policies, and privacy concerns. The development and curation of national best practices relies heavily on consultation, benchmarking and research. Recommendations for best practices are made available to members, whom may freely adopt these or take them into account when revising and reviewing their own business operations. Members are encouraged to conduct their own due diligence and to consult with other members when seeking to amend their practices.

COMMON EDUCATION DATA STANDARDS

https://ceds.ed.gov/

Partner

CEDS is an education data management initiative whose purpose is to streamline the understanding of data within and across P-20W institutions and sectors. The CEDS initiative includes a common vocabulary, data models that reflect that vocabulary, tools to help education stakeholders understand and use education data, an assembly of metadata from other education data initiatives, and a community of education stakeholders who discuss the uses of CEDS and the development of the standard. CEDS is supported by the National Center for Education Statistics (NCES). Versions 1 through 5 of the standard were developed by a combination of a CEDS Stakeholder Group (including representatives from across the P20W field) and open meetings and conversations. Starting with Version 6, CEDS is developed and maintained by an open community that allows anyone to participate.

CREDENTIAL ENGINE

https://credentialengine.org/

Partner

Credential Engine is a non-profit whose mission is to map the credential landscape with clear and consistent information, fueling the creation of resources that empower people to find the pathways that are best for them. We envision a future where millions of people worldwide have access to information about credentials that opens their eyes to the full range of opportunities for learning, advancement, and meaningful careers. Credential Engine provides a suite of web-based services that creates for the first time a centralized Credential Registry to house up-to-date information about all credentials, a common description language to enable credential comparability, and a platform to support customized applications to search and retrieve information about credentials. Through an increasing array of credentials – such as degrees, licenses, badges and apprenticeships – job seekers, students, and workers have more options than ever to help them get ahead.

DATA STANDARDS UNITED

https://datastandardsunited.org/

Partner

DSU's Mission is to establish a sustainable collaborative of Data Standards Development Organizations (SDO) and their stakeholders across education, employment, and training sectors. DSU's Charter is to establish a "common ground" mechanism to coordinate and align disparate global data standards while respecting each organization's independence across systems, platforms, networks, sectors, and industries, produced, or supported by the respective standards bodies. DSU's Vision is to collaborate and align standards to support the global education and workforce digital ecosystem.

DXTERA INSTITUTE

https://www.dxtera.org/

Partner

DXtera Institute is a non-profit, collaborative member-based consortium dedicated to transforming the way higher education does business and drive student success by providing efficient access to information. In close collaboration with our members, DXtera provides solutions, technical services, and community support in the areas of next-generation education systems, data management, and integration solutions. We specialize in helping higher education professionals drive more efficient access to information and insights for effective decision-making and realize long-term cost savings, by simplifying and removing barriers to systems integration and improving data aggregation and control. DXtera members include higher education institutions, statewide college and universities systems, nonprofit and trade associations, government, and employers, all with similar challenges and a shared focus on improving student outcomes.

EMREX

https://www.emrex.eu/

Affiliate

Launched in 2015, EMREX is the solution for electronic transfer of student records between higher education institutions in Europe. The Emrex User Group (EUG) is an independent, international network which unites various actors interested in enhancing student data portability. As such, the network will act as a global platform for connecting expertise, sharing knowledge and enhancing collaboration to expand the EMREX footprint and help unlock the full potential of student data and open up data flows globally.

ERASMUS WITHOUT PAPER

https://www.erasmuswithoutpaper.eu/

Affiliate

The Erasmus Without Paper (EWP) project plays a central role in the European Commission's European Student Card Initiative, a key initiative of the European Education Area. As part of this initiative, the Commission has announced that all higher education institutions participating in the Erasmus+ programme will gradually have to start using the Erasmus Without Paper Network/Dashboard to exchange student mobility data with other higher education institutions participating in the new programme. Erasmus Without Paper was a combination of 2 Erasmus+ projects co-funded by the the European Commission from 2015 till the end of 2019. Above all, it is about a dream coming true. Erasmus Without Paper is bringing Erasmus administration into the 21st century by going digital.

Groningen Declaration Network

https://www.groningendeclaration.org/

Partner

The Groningen Declaration Network is an international, nonprofit and voluntary network of like-minded organizations and individuals that want to make digital student data portability happen. Its Global Founding Seminar took place in 2012. Today it consists of participants and signatories of over 29 countries worldwide. The Network builds on the Groningen Declaration. Citizens worldwide should be able to consult and share their authentic educational data with whomever they want, whenever they want, wherever they are. In order to get there, the declaration wants to establish a global area of convergence on digital student data depositories, while respecting their autonomy and diversity. It wants to look into privacy rights, ownership of data, identification, access and forwarding/sharing of data, next to compatibility and comparability of data. The Groningen Declaration Network seeks common ground in best serving the academic and professional mobility needs of citizens worldwide by bringing together stakeholders in the digital student data ecosystem at its Annual Meeting.

HR Open Standards Consortium

https://www.hropenstandards.org/

Partner

Founded in 1999, the HR Open Standards Consortium is the only independent, non-profit, volunteer-led organization dedicated to the development and promotion of a standard suite of specifications to enable human resource related data exchanges. Our voluntary consensus standards are free. Current, global HR vocabularies are developed in a transparent, collaborative based environment open to all HR professionals and organizations.

NATIONAL FORUM ON EDUCATION STATISTICS

https://nces.ed.gov/forum/

Affiliate

The National Forum on Education Statistics (Forum) is a voluntary, democratic, participative group that is committed to improving the quality, comparability, and usefulness of elementary and secondary education data while remaining sensitive to data burden concerns. The mission of the Forum is to plan, recommend, and develop education data resources that will support local, state, and national efforts to improve public and private education throughout the United States. Its membership includes representatives from federal offices involved with education data, including the U.S. Department of Education; representatives from state and local education agencies in each of the 50 states, the District of Columbia, and Puerto Rico; representatives from education agencies in the extra-state jurisdictions; and national organizations with an interest in elementary and secondary education data.

STATE HIGHER EDUCATION EXECUTIVE OFFICERS

https://www.sheeo.org/

Partner

The State Higher Education Executive Officers Association (SHEEO) serves the chief executives of statewide governing, policy, and coordinating boards of postsecondary education and their staffs. Founded in 1954, SHEEO promotes an environment that values higher education and its role in ensuring the equitable education of all Americans, regardless of race/ethnicity, gender, or socioeconomic factors. Together with its members, SHEEO aims to achieve this vision by equipping state higher education executive officers and their staffs with the tools to effectively advance the value of higher education, promoting public policies and academic practices that enable all Americans to achieve success in the 21st century, and serving as an advocate for state higher education leadership.

T3 INNOVATION NETWORK

https://www.uschamberfoundation.org/t3-innovation
Partner

Building off of existing initiatives, the T3 Innovation Network is exploring the emerging technologies and standards in the talent marketplace to create more equitable and effective learning and career pathways. Technology and data are disrupting nearly every industry for the better, except education and workforce. People often can't communicate what they know and are able to do in ways that are meaningful to employers. Yet employers, trying to find the right talent to fit their needs, rely on a person's ability to communicate the value of their skills and experience. Our talent marketplace is fragmented, preventing an individual's record of learning from being transferable data. And any data that is collected, is siloed. The T3 Innovation Network is solving that. This network has grown to more than 500 organizations working together to change the way we provide, access, and use educational and workforce data by using advanced technologies like AI, blockchain, and others to create an open and decentralized public-private data ecosystem. As a result of this work, rather than hunting down data, job seekers will be able to display the breadth of their experience in a single, comprehensive learning record.

WWW.PESC.ORG

POSTSECONDARY ELECTRONIC STANDARDS COUNCIL

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

PESC IS SPONSORED ANNUALLY by Digitary National Student Clearinghouse, Parchment Inc., AcademyOne and Educational Credential Evaluators (ECE). PESC partners include AACRAO, APEREO, ARUCC, A4L, Credential Engine, DXtera Institute, EMREX, EWP, Groningen Declaration Network, HR Open Standards, the National Forum on Education Statistics, SHEEO, the T3 Innovation Network, the US Department of Education's Common Education Data Standards (CEDS) Initiative and Data Standards United.

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 AACRAO, of the NCES National Forum on Education Statistics, and of the Groningen Declaration Network.

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 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 and 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, FREE & 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 automatically from one community, system or network 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 on privacy and security as applicable. For more information, see **www.PESC.org**.

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PESC®

In 2022 PESC Moves Forward & Celebrates its 25th Anniversary

but we're leaving our empty boxes behind

See our new logo & find out more at

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