



**OCTOBER 2021
DATA SUMMIT**

Program

OCTOBER 19–21, 2021

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OCTOBER 2021 DATA SUMMIT

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PROGRAM AT-A-GLANCE

MONDAY	TUESDAY OCTOBER 19, 2021	WEDNESDAY OCTOBER 20, 2021	THURSDAY OCTOBER 21, 2021	FRIDAY
	<p>1 12pm – 1.30pm EDT</p> <p>TRUST, VERIFICATION & GLOBAL DIGITAL TRANSFORMATION</p> <p>FEATURED SPEAKERS JOANNE DUKLAS, DCC; ARUCC BORHENE CHAKROUN, UNESCO HERMAN DE LEEUW, GDN KATHLEEN MASSEY, UoL; GDN</p>	<p>3 12pm – 1.30pm EDT</p> <p>ENERGIZING STUDENT TRANSFER ACROSS CANADA & USA</p> <p>FEATURED SPEAKERS RUTH BLADES, CATNS MELANIE GOTTLIEB, AACRAO</p>	<p>5 12pm – 1.30pm EDT</p> <p>COFFEE TALK! SHOWCASING PESC & PESC MEMBERS</p> <p>FEATURED SPEAKERS/BREAKOUTS MICHAEL SESSA, PESC DOUG FALK, NSC DAVE MOLDOFF, ACADEMYONE</p>	
	<p>2 3pm – 4pm EDT</p> <p>ON THE FRONTLINE: INTERNATIONAL ADMISSIONS & CREDENTIAL EVALUATION</p> <p>FEATURED SPEAKERS (INVITED)</p>	<p>4 3pm – 4pm EDT</p> <p>STUDENT TRANSFER: PRIMARY USE CASE FOR JSON TRANSCRIPT DEVELOPMENT & PATHWAY TO JSON-LD</p> <p>FEATURED SPEAKERS JOHN LOVELL, A4L COMMUNITY MICHAEL MORRIS, ACT RICK SKEEL, ELLUCIAN</p>	<p>6 3pm – 4pm EDT</p> <p>RESEARCH REPORT</p> <p>FEATURED SPEAKERS TBD</p>	



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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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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





**OCTOBER 2021
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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 For registration and the full program, please visit
3pm – 4pm EDT

www.pesc.org





PROGRAM

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

TUESDAY OCTOBER 19, 2021

12.00pm – 12.15pm

- » [WELCOME & OVERVIEW](#) – MDS TBD
- » [22ND ANNUAL BEST PRACTICES AWARDS FOR 2020/2021](#) – TBD

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

[CANADA'S NATIONAL NETWORK, WALLETS AND MYCREDS | MESCERTIF](#)

In recovering from the COVID Pandemic and many regional crises, what becomes critically apparent is the need for increased collaboration, innovation, standards and interoperability. Such activity, not seen in prior decades, is now quickening across many sectors. The opportunity to create sustainable interoperable solutions and reconsider the trust paradigm through innovative-enabling technology presents new opportunities for learner mobility and access. Join this session to hear the different contexts, updates and perspectives of our panelists who conduct research and work in the field of learner mobility.



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

With planning well underway for its 10th Annual Meeting November 10-12, 2021 in Ottawa, the Groningen Declaration Network (GDN) has worked to launch a new, vital service in which global trust can be established: GDN T.R.U.S.T. Hub. Through GDN's Signatory process in which an organization commits to GDN's principles and values and once authorized and added to the T.R.U.S.T. Hub, that organization can communicate globally it can be trusted. Through this service GDN helps address uncertainties about the validity of a credentialing platform or data source. Register and attend to learn about GDN's Signatory process, T.R.U.S.T. Hub, 10th Annual Meeting and future plans!

3.00pm – 4.00pm

2 ON THE FRONTLINE: INTERNATIONAL ADMISSIONS & CREDENTIAL EVALUATION

FEATURED SPEAKERS

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

TBD

WEDNESDAY OCTOBER 20, 2021

12.00pm – 12.15pm

» **WELCOME** – MDS TBD

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.



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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.



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THURSDAY OCTOBER 21, 2021

12.00pm – 12.15pm

- » **WELCOME** – MDS TBD

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 on their newest initiatives. Like an ‘executive briefing,’ PESC Members 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 (*identical program for breakouts repeated 1.00pm – 1.30pm*)



FEATURED BREAKOUTS & SPEAKERS

5 – 1 ACADEMYONE & GEORGIAN COLLEGE

FEATURED SPEAKERS

- » **JULIE GODFREY**, PMP, MBA, CSM, SENIOR PROJECT MANAGER, GEORGIAN COLLEGE
- » **SUSAN HOSEIN**, MANAGER QUAL ASSUR AND SPECIALIST PROJECT, GEORGIAN COLLEGE
- » **ERIK SHEPSKI**, DIRECTOR OF CLIENT IMPLEMENTATIONS, ACADEMYONE INC.
- » **DAVID K. MOLDOFF**, CEO AND FOUNDER, 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 enrolls. 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/enroll, 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



OCTOBER 2021 DATA SUMMIT

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/>.

5 – 2 NATIONAL STUDENT CLEARINGHOUSE

FEATURED SPEAKERS

- » **DOUG FALK**, VICE PRESIDENT & CIO, NATIONAL STUDENT CLEARINGHOUSE

5 – 3

FEATURED SPEAKERS

- » ??



3.00pm – 4.00pm

6 RESEARCH REPORT

FEATURED SPEAKERS

» NATIONAL STUDENT CLEARINGHOUSE RESEARCH CENTER

SESSION



PARTNERS & AFFILIATES

[AACRAO](#)

[EMREX](#)

[Access 4 Learning Community](#)

[Erasmus Without Paper](#)

[Apereo](#)

[Groningen Declaration Network](#)

[ARUCC](#)

[HR Open Standards Consortium](#)

[Common Education
Data Standards](#)

[National Forum on
Education Statistics](#)

[Credential Engine](#)

[SHEEO](#)

[DXtera Institute](#)

[T3 Innovation Network](#)

FEATURED SPEAKERS

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. <https://aspnet.unesco.org/en-us/Pages/Bio-Borhene-Chakroun-.aspx>

Joanne Duklas, Researcher and Consultant Joanne 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/>

Julie Godfrey July Godfrey, PMP, MBA, CSM, Senior Project Manager, Georgian College

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, Manager Qual Assur and Specialist Project, Georgian College

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 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. Lead software developer for the Community, 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, CEO & Founder, AcademyOne

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.

Michael Sessa Michael 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 Shepski, Director of Client Implementations, AcademyOne Inc.

Rick Skeel has been a long time Member of PESC as a Member of the AACRAO SPEEDE Committee, as a Member of Quali, 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 Quali 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.



**22ND ANNUAL
BEST PRACTICES
COMPETITION**

PESC

PROMOTING INNOVATION & INGENUITY IN THE APPLICATION & IMPLEMENTATION OF INTEROPERABLE DATA STANDARDS FOR BUSINESS NEEDS



**PESC's 22ND ANNUAL BEST PRACTICES COMPETITION
IS OPEN THROUGH FRIDAY SEPTEMBER 3, 2021.**

The PESC 22nd Annual Best Practices Competition recognizes, highlights and promotes innovation and ingenuity in the application and implementation of interoperable data standards for business needs.

PESC

ABOUT NEW BEST PRACTICES FOR 2020/2021

- Three separate categories of Best Practices are open for submissions (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 may determine that no award be made in a given year under one or more categories.

**ALL ENTRIES AND SUBMISSIONS MUST BE SUBMITTED BY
SEPTEMBER 3, 2021 TO: MICHAEL.SESSA@PESC.ORG**

All entries are judged by the PESC Board of Directors. First place and those receiving special recognition receive immediate notification from PESC, an official public announcement is made in coordination with PESC's Annual Data Summit and the Award Ceremony takes place during the opening General Session.



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

PESC

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 (CEDDS)

12th 1st Place Award **2010 2011**
South Carolina & AcademyOne
SC-TRAC Transfer & Articulation Center

11th 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 Exchange (OUETS)
System

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**PARTNERS AND
AFFILIATES**

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PESC PARTNERS AND AFFILIATES

In fulfilling its 501(c)(3) non-profit mission, PESC serves the **general public**, ensuring work efforts are good for society; and serves its **membership** who fund and govern the association.

Partners and Affiliates are stakeholders in data standards and support PESC in both branches of its mission while creating opportunities for each other to collaborate and advance efforts and outreach.

As PESC plans for its 25th Year Anniversary in 2022, we are taking the time to say **thank you** to our Partners and Affiliates, and we look forward to future collaboration!



PESC PARTNERS AND AFFILIATES



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.



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APEREO FOUNDATION

<https://www.apereo.org/>

Partner

Aperero 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 Aperero 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. Aperero 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.



PESC PARTNERS AND AFFILIATES



Common
Education
Data
Standards

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™

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.

PESC®

PESC PARTNERS AND AFFILIATES



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.

PESC[®]

PESC PARTNERS AND AFFILIATES



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**

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.

PESC PARTNERS AND AFFILIATES



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.

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.





**IN 2022 PEESC MOVES FORWARD &
CELEBRATES ITS 25TH ANNIVERSARY**

but we're leaving our empty boxes behind

See our new logo & find out more at

www.pecsc.org