<table>
<thead>
<tr>
<th>SCHEDULE</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30am – 8:30am</td>
<td></td>
<td>CONTINENTAL BREAKFAST</td>
<td></td>
</tr>
<tr>
<td>8:00am – 5:00pm</td>
<td></td>
<td>REGISTRATION</td>
<td></td>
</tr>
<tr>
<td>8:30am – 10:15am</td>
<td></td>
<td>GENERAL SESSIONS</td>
<td>CONCURRENT SESSIONS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROOM</td>
<td>ROOM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>▪ Welcome &amp; Introductions</td>
<td>▪ Hello My Name is #1</td>
</tr>
<tr>
<td>10:15am – 10:30am</td>
<td></td>
<td>BREAK</td>
<td></td>
</tr>
<tr>
<td>10:30am – noon</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>▪ Hello My Name is # 3</td>
<td>▪ PANEL 2: STUDENT AID DATA SYSTEMS</td>
</tr>
<tr>
<td>Noon – 1:30pm</td>
<td></td>
<td>LUNCH</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>KEYNOTE: MICHAEL REILLY BEST PRACTICES AWARD</td>
<td></td>
</tr>
<tr>
<td>1:30pm – 3:00pm</td>
<td></td>
<td>LUNCH</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>WORKING LUNCH</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>▪ Hello My Name is # 4</td>
<td>▪ PANEL 3: COLLEGE TO CAREER DATA SYSTEMS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15pm – 5:00pm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>▪ Hello My Name is # 5</td>
<td>▪ PANEL 4: EMERGING TECHNOLOGY &amp; IT STRATEGY</td>
</tr>
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<td></td>
</tr>
<tr>
<td>5:30pm – 6:30pm</td>
<td></td>
<td>ANNUAL SPRING RECEPTION</td>
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<tr>
<td></td>
<td></td>
<td>ANNUAL FALL MEMBERSHIP MEETING</td>
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</tr>
</tbody>
</table>
Best Practices in Education Data Systems focuses on:

- access, integration & implementation of data systems;
- maintenance & promotion of data exchange standards;
- open, community-driven development & innovation of technology;
- mobility, authentication & data systems connectivity &
- emerging key factors that drive global education data systems development &
  technology & overall interoperability

PESC and its Members lead transparent, collaborative development across P20W Education.

Supporting this mission are PESC partners the AACRAO SPEEDE Committee, Common Education Data Standards (CEDS) Initiative, InCommon/Internet2 and the U.S. Department of Education (FSA, NCES, OUS, OET).

PESC is sponsored annually by DIAMOND SPONSORS Credentials eSCRIP-SAFE, National Student Clearinghouse, Oracle, Parchment & USA Funds.
Welcome to the

SPRING 2015 DATA SUMMIT!

Themed *Best Practices in Education Data Systems*, the Spring 2015 Data Summit takes place Tuesday April 28, 2015 at The Embassy Row Hotel in Washington, D.C. Beginning at 7:30am with continental breakfast and registration, the Spring 2015 Data Summit includes PESC's Annual Spring Reception and Annual Membership Meeting and concludes by noon on Thursday April 30, 2015.

All General and Concurrent Sessions and events are open to all registered attendees and dress code is business casual. General Sessions are presented in typical conference format in which featured speakers present on a certain topic followed by brief Q&A; while Concurrent Sessions follow a more informal workshop format in which group members and attendees roll up their sleeves, discuss and interact in more detail in order to advance and progress group activities and maximize in-person convening time.
### CREDENTIALS eSCRIP-SAFE

**Credentials eSCRIP-SAFE**

With flagship product TranscriptsPlus® and integrated automation software RoboRegistrar®, Credentials Solutions supports all major SIS platforms while providing online ordering, automated hold checking, integrated student communications with 12.5x5 customer service, and electronic extraction and delivery including EDI, XML and Secure PDFs. Transcript ExchangePlus™ enables client institutions to send transcripts electronically through Credentials’ secure network as well as industry accepted transcript hubs, while integrating with the eRoboMail™ service, which assumes the printing and mailing of paper transcripts. In addition, Credentials also offers ParkingPlus®, which automates parking permit ordering, payment, and fulfillment.

**Contact:**
J. Jeffrey Geldermann
President & COO
(847) 716-3010
jjg1@credentialssolutions.com

![J. Jeffrey Geldermann](image)

### NATIONAL STUDENT CLEARINGHOUSE

**National Student Clearinghouse**

The National Student Clearinghouse (a nonprofit formed in 1993) is the trusted source for and leading provider of higher education verifications and electronic education record exchanges, handling more than 700 million verification requests and over 250 million education record exchanges annually. The Clearinghouse also serves as a single point of contact for the collection and timely exchange of accurate and comprehensive enrollment, degree, and certificate records on behalf of its more than 3,600 participating higher education institutions, which represent 98 percent of all students in public and private U.S. institutions; provides thousands of high schools and districts with continuing collegiate enrollment, progression, and completion statistics on their alumni; provides accurate, timely enrollment and degree verifications to student loan providers, employers, student credit issuers, the U.S. Department of Education, and others who access its registry more than half a billion times annually. and through its verification, electronic exchange, and reporting services, the Clearinghouse saves the education community cumulatively nearly 500 million dollars annually. Clearinghouse services are designed to facilitate an institution’s compliance with the FERPA, the HEA and other applicable laws.

**Contact:**
Doug Falk
Chief Information Officer
(703) 742-4200
service@studentclearinghouse.org

![Doug Falk](image)

### ORACLE

**Oracle**

Oracle’s business is information—how to manage it, use it, share it, protect it. The world’s largest enterprise software company, Oracle is the only vendor to offer solutions for every tier of your business—database, middleware, business intelligence, business applications, and collaboration. Oracle is committed to using our technology and resources to advance education in innovative ways, promote diversity, enrich the life of communities, and protect the environment.

**Contact:**
Andy Wood
Vice President Product Engineering
(503) 276-2360,
andy.wood@oracle.com

![Andy Wood](image)

### PARCHMENT

**Parchment**

Parchment is an online credential delivery and management platform that works with academic institutions and learners to extend the credential. In a knowledge economy where individuals are defined by what they know and how well they know it, Parchment helps turn credentials into opportunities. Simply put, Parchment makes life easier for students, alumni and administrators, revolutionizing the learner experience, improving operational efficiencies and reducing institutional costs. Since 2003, 15 million credentials have been exchanged between Parchment’s member network of senders and receivers. Parchment is headquartered in Scottsdale, AZ, with offices in Roseville, CA, Denver, CO, Grand Rapids, MI, Toronto, ON and Washington, D.C.

**Contact:**
Mark N. Cohen, Senior Vice President,
Market Strategy and Co-Founder
(480) 719-1646 ext. 1009
mcohen@parchment.com

![Mark N. Cohen](image)
USA FUNDS

USA Funds® is a nonprofit corporation that supports Completion With a Purpose℠, building a more purposeful path for America’s students to and through college and on to rewarding careers and successful lives. USA Funds pursues its nonprofit mission through philanthropic activities and partnerships, policy research, and programs and services that enhance preparation for, access to and success in higher education. One of USA Funds tools that incorporate PESC standards is USA Funds Borrower Connect™. This is a Web-based tool that makes it easy for schools to contact and counsel their student loan borrowers to promote successful repayment. In addition, USA Funds also offers schools USA Funds Life Skills®, a web-based financial literacy and student success program that equips postsecondary institutions to teach their students to manage their time and money wisely while they are on campus and after graduation. Learn more about USA Funds and its offerings at www.usafunds.org.

Contact:
Brian Allison
Vice President of Product Development
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brian.allison@usafunds.org

www.usafunds.org
PANEL 1 | P20W EDUCATION DATA SYSTEMS
Like electronic medical records, the use and electronic exchange of education data is on the rise. As a student’s data travels through many data systems along the education lifecycle, not all stops on this trip are smooth. The integration of paper and electronic processes combined with barriers in technological capacity and emerging technologies that seem to overshadow yesterday’s technologies, can all contribute to not only a messy process, but increased time delays, disruptions in access to quality data and always increased costs. This panel will discuss the value, status and promise of data systems from a variety of perspectives including from states, service providers, colleges and universities, and students.

Moderator
NAME
Panelists
David K. Moldoff, Founder & CEO, AcademyOne
Brandt Redd, CIO/CTO, Smarter Balanced Assessment Consortium
J.James Wager, Consultant & Education Strategist, Credentials eSCRIP-SAFE

PANEL 2 | STUDENT AID DATA SYSTEMS
The delivery of student aid in the USA is comprised of processing, data matching and exchange among a number of federal data systems including Common Origination & Disbursement (COD) and the National Student Loan Data System (NSLDS) under Federal Student Aid (FSA), institutional financial aid systems and data systems under the Social Security Administration and Internal Revenue Service. Driving this process though are significant rules and regulations that seem to always be changing. This panel will highlight some of these major political changes that will affect student aid data systems and their corresponding timeframes.

Moderator
NAME
Panelists
Francisco Valines, Director of Financial Aid, Florida International University

PANEL 3 | COLLEGE TO CAREER DATA SYSTEMS
Graduation is a pretty significant milestone in a person’s lifetime. Graduation itself though does not guarantee an income or a job. When a student progresses from a college environment to a workforce environment, their data must travel with them. A keener and more demanding workforce requires stronger and stronger talent and skills. But are all skills and talents captured in the traditional education record? This panel will highlight some of the new and emerging ideas around connecting graduates to employers along with the innovative technological solutions being achieved to ensure connectivity between education and labor data systems.

Moderator
Mark Cohen, Senior Vice President of Market Strategy & Co-Founder, Parchment
Panelists
PANEL 4 | EMERGING TECHNOLOGY & IT STRATEGY

In 2000, PESC formed the STANDARDs FORUM FOR EDUCATION as the forum under which PESC Approved Standards would be developed and delivered. Over the years a variety of heavily used technologies have served as the foundation of PESC Approved Standards, among them EDI, XML and PDF. With the emergence of new initiatives and new technologies, like JSON, social networking and NIEM, this panel will discuss the impact of these emerging technologies and build consensus around PESC’s IT Strategy.

Moderator
NAME
Panelists
Michael Morris, Director of Test Operations, ACT Inc.
J. James Wager, Consultant & Education Consultant, Credentials eSCRIP-SAFE
Common Identity & Trust (CommIT) Collaborative
The Common Identity & Trust (CommIT) Collaborative sprung from a strategic partnership forged between Internet2 and PESC. In realizing that authentication and multiple user names and passwords can be a barrier to interoperability, Internet2 and PESC launched CommIT, an independent unique ID that colleges, universities, schools and various service providers can invoke to experience a ‘single sign-on’ experience. With three universities already in a pilot stage, that is each has segmented a small population of students that are using CommIT in a production environment, and a number of service providers lining up to engage in CommIT, this session furthers the work of the pilots and prepares the community for the launch of the CommIT product.

Academic Credentialing & Extended Transcript Discussion
A provocative question posed to Education today is how to capture learning that happens outside of the classroom. In addition to the traditional Academic Transcript, many are starting to use competency based transcripts and co-curricular/experiential transcripts as well. Both provide valuable information for admission into the education and workforce environment and both seem to be growing rapidly in use. While data standards are ultimately needed for all transactions in order to achieve full interoperability, final agreement has not been reached on the actual definitions of both items. While the market may need to mature more in order for data standards to be used and accepted, PESC will be discussing the formation of its newest Task Force – Academic Credentialing & Extended Transcript. Agreement will be reached on the mission of this Task Force, its governance and operations, and its final output. Included in the output will be a recommendation to the PESC Board of Directors on when an XML Development Workgroup is to be launched to develop PESC Approved Standards for competency-based and co-curricular transcripts.

TAB/CCB Joint Board Meeting
The Technical Advisory and Change Control Boards of PESC govern the technical standards, the process by which a format is proposed as a PESC Approved Standard and all the technical documentation and tools needed to support the development and use of PESC Approved Standards. At this session, both Boards discuss the additions and revisions to data elements, the NIEM process and the relationship between PESC, XML and other emerging technologies like JSON.

Student Aid User Group
The PESC Student Aid User Group tracks emerging political and operational factors that impact the delivery of student aid. With FSA’s Common Record, a single record from which all student loans and grants (Stafford Loans, PELL Grants, etc.) are made, a PESC Approved Standard, all origination and disbursement of student loans in the USA is made through PESC Approved Standards. Of particular interest to this User Group is standardization of other student-related processes like the Student Aid Award Letter. At this session, attendees will update each other on current factors facing student aid and a new Congress.

Academic ePortfolio Workgroup
Now in its final development stage, the Academic ePortfolio will soon be processed for public comment and voting on its way to becoming a PESC Approved Standard. The Workgroup leaders have worked long and hard to ensure that not only the Academic ePortfolio includes all data that is necessary, but that it is to be...
used once released. This session will serve as a final executive briefing for those looking for more of a general session than an in-depth discussion.

**EdExchange User Group**

Launched out of PESC’s Common Data Services Task Force, EdExchange is to serve as the common data exchange protocols for those looking for standardization in the delivery of education data. Envisioned as open source, PESC is forging a relationship with Apereo as a partner. This session will focus on the additional administrative items necessary to produce these protocols along with an introductory conversation about additional governance over these protocols.

**Education Record User Group**

The Education Record User Group governs all admissions and registrar based PESC Approved Standards. These include all EDI, XML and PDF technologies used for delivery of Transcripts, Admissions Applications, Test Scores, etc. At this session, the User Group will continue discussing updates and changes originating from the community and scheduling changes through the Change Control Board.

**New State Assessment Discussion**

Under Common Core, colleges and universities will have access to the new student assessments. As states and/or high schools and districts will need to send these assessments, PESC is working with the Smarter Balanced Assessment Consortium to determine which PESC Approved Standards meet the needs of Common Core and if any standards need to be upgraded.
HIGHLIGHTING PESC LEADERS AND EXPERTS,
THEIR THOUGHTS AND IDEAS ON THE STRATEGIC DIRECTION OF EDUCATION TECHNOLOGY
AND THEIR COMMITMENT TO PESC, STANDARDS AND INTEROPERABILITY.

AcademyOne
Presented by: David Moldoff, CEO and Founder, AcademyOne

Common Application
Presented by: Contact: Tim McGraw

Credentials eSCRIP-SAFE
Presented by: J. James Wager, Consultant and Market Strategist, Credentials eSCRIP-SAFE

Eduventures
Presented by: Jeffrey Alderson, Eduventures

Ellucian
Presented by: Contact: Mark Jones

Hobsons
Presented by: Contact: Brian Mikesell

Kuali
Presented by: Contact: Jennifer Williams

National Student Clearinghouse
Presented by: Contact: Doug Falk

Parchment
Presented by: Mark Cohen, Senior Vice President of Market Strategy & Co-Founder, Parchment
            Jason Weaver, Product Manager, Parchment