<p style="text-align:center;">Summary of Activities, Meetings and Conference Calls
of the AACRAO SPEEDE Committee
Months of July and August 2013</p>

This is an update for interested members of the AACRAO membership about the ongoing activities of the Standardization of Postsecondary Education Electronic Data Exchange (SPEEDE) Committee of the American Association of Collegiate Registrars and Admissions Officers (AACRAO). The AACRAO SPEEDE Committee actively meets weekly via conference calls and works year round with a focus on the creation, maintenance, and promotion of standards and best practices for the electronic exchange of student transcripts and other student education records. The AACRAO SPEEDE Committee reports to the AACRAO Vice President for Information Technology (Group VI), Jim Bouse.

The AACRAO SPEEDE Committee normally meets face to face at the AACRAO Annual Meeting, the AACRAO Technology Conference and the PESC Data Summits.

This year, one face to face meeting will be held in conjunction with the Pacific ACRAO meeting in the Fall. The Committee is excited for the opportunity to present sessions at PACRAO to promote the secure electronic exchange of student records.

AACRAO SPEEDE Committee Face to Face Meetings Held: The AACRAO Technology Conference in Tucson, Arizona in July with eight members attending. Also attending were Mike Reilly, Executive Director of AACRAO, and Rick Skeel, former SPEEDE Committee Member, now with KUALI Student.

AACRAO SPEEDE Committee Conference Calls (with number of participants): 7/25/13 (6), 8/1/13 (6), 8/8/13 (6), 8/15/13 (7), and 8/22/13 (7).

Activities Related to PESC: AACRAO is a founding member of, and an active supporter and participant in the P20W Education Standards Council (PESC). PESC is the standards setting organization for the electronic exchange of student records in higher education in North America.

- Tuan Anh Do serves on the PESC Board of Directors, and is chair of the Seal of Approval Program.

- Susan Reyes and Tom Stewart serve on the Change Control Board (CCB).

- Jerry Bracken serves on the Technical Advisory Board (TAB).

- Robin Greene and Monterey Sims serve with the Seal of Approval Program.

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Approved PESC XML Standards of Interest to AACRAO Members Include:		
Schema	**Version**	**Date Approved**
College Transcript	1.0	May 2004
	1.1	October 2007
	1.2	January 2010
	1.3	June 2011
	1.4	June 2012
High School Transcript	1.0	June 2006
	1.1	January 2010
	1.2	June 2011
	1.3	June 2012
Transcript Acknowledgment	1.0	July 2007
	1.1	June 2011
Batch Submission	1.0	July 2007
	2.0	February 2008
Request for Student Transcript	1.0	October 2007
	1.1	June 2011
	1.2	June 2012
Response to a Request for Student Transcript	1.0	October 2007
	1.1	June 2011
	1.2	June 2012
Application for Admission	1.0	August 2009
	1.1	June 2011
Education Test Score Reporting	1.0	August 2009
IPEDS Graduation Rates	1.0	March 2010
IPEDS Fall Enrollment	1.0	August 2009
IPEDS 12 Month Enrollment and Completions	1.0	January 2011
PDF Attachments	1.0	January 2011
Functional Acknowledgment	1.0	December 2010

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It is recommended that all users update to the latest version of each schema. All users who have updated to the latest version can accept all documents created with all earlier versions as long as the first digit of the Version Number is the same. All users of an earlier version can also receive documents created in later versions as long as the first digit of the Version is the same, *provided that no data were included that use the new data elements, or new values of old data elements.*

PESC Workgroups and User Groups of Interest to AACRAO Members include:

EdUnify[SM]: This web services group was launched to automate electronic lookup, reporting and exchange, PK12 and workforce linkages, and transfer of credit.

Academic e-Portfolio: This workgroup holds regular conference calls and welcomes participation from anyone whose school or company is a member of PESC or AACRAO.

Education Record User Group (ERUG) for Approved PESC XML and EDI Standards: PESC formed this user group that deals with maintenance of all of the approved XML schemas in the admissions and student records area, as well as all of the ANSI ASC X12 EDI Standards for the admissions and student records area. Matt Bemis of the AACRAO SPEEDE Committee currently co-chairs the User Group with Mark Cohen from Parchment (formerly Docufide).

ERUG holds hourly conference calls on the second and fourth Wednesdays at 2 pm Eastern Time, whenever there are agenda items to discuss. Anyone whose school or company is a member of PESC is welcome and encouraged to join ERUG and participate in discussion of proposed changes to existing schemas.

Request for Continuing Education Courses on XML Student Transcripts: ERUG approved a request to modify the PESC XML Request for a Student Transcript Schema to allow for a request of:

a.   No non-credit continuing education courses to be included, or

b.   Only non-credit continuing education courses on it , or

c.   Both credit and non-credit continuing education courses on it.

It was agreed that all continuing education courses are considered to be non-credit courses. It was agreed to modify the enumerated values of the simple data element "TranscriptType" to add the following enumerated values: "ContinuingEducationCoursesOnly", "CreditCoursesOnly", and "BothCreditAndNonCreditCourses".

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Canadian User Group: There is extensive volume production use of PESC XML schemas in the province of Alberta. There are several on-going projects to roll out the PESC XML College transcript in British Columbia (BC), and both the PESC XML College and High School transcripts in Ontario. There is also extensive production use of the EDI Transcript Suite of Standards in both Ontario and BC. This user group will explore issues of special interest to Canadian users (and potential users) of PESC XML schemas and EDI transaction sets, while also spearheading a cross-Canada exchange of both College and High School transcripts in PESC XML.

The Ontario Universities' Application Centre (OUAC) will begin receiving PESC XML High School Transcripts from the Ontario College Application Service (OCAS) and generate PDF (short-term solution) to route to Ontario universities. OUAC has also begun testing its implementation of the SPEEDE Committee's EDI-to-XML and XML-to-EDI crosswalks, which will allow the transcript suite of documents to flow through its hub in both formats.

Between September 2012 and July 2013, 5 BC post-secondary institutions (Douglas College, Kwantlen Polytechnic University, University of the Fraser Valley, Simon Fraser University and the University of British Columbia) exchanged a total of 4,628 PESC XML transcripts among themselves through the BCcampus TranscriptsBC Exchange Hub.

PESC XML Course Inventory Schema: This PESC Change Control Board approved this new schema that will allow the electronic exchange of detailed information about an education course. It would also facilitate the exchange of these data between a school and its course catalog vendor. This should be a part of the September 2013 PESC XML Schema Release.

Other Activities of the AACRAO SPEEDE Committee:

Crosswalks for EDI Transaction Sets to PESC XML Schemas, and vice-versa: Most schools that are just beginning to implement the electronic data exchange of postsecondary student transcripts are expected to implement the PESC XML format. However, almost all of the current production exchanges via the University of Texas at Austin Internet Server are using the ANSI ASC X12 EDI format. To allow new users access to the established EDI exchanges, and to allow established EDI users to exchange with the new XML users, crosswalk rules are being developed from one format to the other.

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The following rules were developed by the AACRAO SPEEDE Committee and approved by the PESC ERUG and are now posted on the PESC.org web site at http://www.pesc.org/interior.php?page_id=219 . Those approved to date are

Crosswalk Rules Between Electronic Formats			
Document	**From Version**	**To Version**	**Date Approved**
College Transcript	PESC XML Version 1.0	EDI TS130 V 4010	March 2007
	EDI TS130 Version 4010	PESC XML V 1.0	March 2007
	PESC XML Version 1.1	EDI TS130 V 4010	November 2010
	PESC XML Version 1.2	EDI TS130 V 4010	November 2010
	PESC XML Version 1.3	EDI TS130 V 4010	April 2012
High School Transcript	PESC XML Version 1.0	EDI TS130 V 4010	July 2010
	PESC XML Version 1.1	EDI TS130 V 4010	September 2010
Transcript Acknowledgment	PESC XML Version 1.0	EDI TS131 V 4010	July 2010
	EDI TS131 Version 4010	PESC XML V 1.0	July 2010
Transcript Request	EDI TS146 Version 4010	PESC XML V 1.0	November 2009
	PESC XML Version 1.0	EDI TS146 V 4010	November 2009
Response to Request for Transcript	PESC XML Version 1.0	EDI TS147 V 4010	May 2011

Slow work is in progress for the crosswalk rules from the High School Transcript - EDI TS 130 Version 4010 to PESC XML Version 1.0 and also for the PESC XML Response to a Request for a Student Transcript Version 1.0 to the EDI TS 147.

In addition, the Ontario Universities' Application Centre (OUAC) announced that it is working on a process that will convert PESC XML Transcript Schemas to EDI Transcripts, and vice versa, for the electronic exchange of student transcripts within the province of Ontario.

State EDI, XML, and PDF Contacts: The AACRAO SPEEDE Committee also recently updated the contacts list. It is now posted on the AACRAO web site at http://www.aacrao.org/About-AACRAO/committees/speede/statecont.aspx#.UeBCKG3 AHcA . Please send updates and corrections to wbemis@usc.edu .

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University of Texas at Austin Free Internet Server Operation: In October 2012, AACRAO made an announcement about a one year trial project for the National Student Clearinghouse to assume operation of the Texas Internet Server. During this trial period, the use of the Texas Internet Server continues to be free for the electronic exchange of EDI and XML student records that utilize the PESC EDI and XML standards. The AACRAO SPEEDE Committee participated in a review of this proposed process.

Progress on the transition of the UT SPEEDE Server to the National Student Clearinghouse (NSC) is going well. The UT Team and the NSC team have weekly conference calls as part of the planning and move. Our target date for the switchover to the NSC is mid-October. However, this is not a hard deadline. Prior to the switchover, the NSC will start to manage communications and notify the UT SPEEDE Server community of any changes that may need to be made (such as firewall adjustments). Both UT Austin and the NSC are dedicated to making this switchover as seamless as possible and are actively working together to ensure that all files are received and delivered.

As users of the UT SPEEDE Server noticed, on July 3rd, 2013, the production UT SPEEDE server suffered a fatal hardware failure that stopped all traffic. Data loss was minimal; primarily some log records and a subset of files delivered from 5:00am -7:00am. By July 6th, partial functionality was restored by use of a backup server, and by July 19th the majority of the active UT SPEEDE Server users were back in full production.

Recovering from the hardware failure revealed instances of out-of-date or older, unsupported software still in use which provided an additional opportunity to perform much needed upgrades. We appreciate everyone's patience and support both during our disaster recovery as well as our transition to the NSC.

Last week UT Austin switched from the backup server to a new virtual production server. Prior to this switchover, UT sent test files to all active users to identify in advance any potential delivery issues. This should make this VM switchover as seamless as possible. The move to the new virtual machine seems to have been successful overall. UT Austin did experience minimal loss of a handful of files in transit, yet have contacted those clients asking them to re-send.

The NSC is on the UT Austin campus the week of September 16 observing the UT SPEEDE Server customer service and administrative operations in order to plan how best to provide those services upon completion of the transfer in mid-October.

State and Province Electronic Transmission Initiatives and Mandates: The AACRAO SPEEDE Committee now updates, every few months, a spreadsheet of the activities, mandates and initiatives of which we are aware in each US State and Canadian Province. We encourage you to review the spreadsheet to insure it is up to date for your state or province. If not, please let us know. It is distributed to subscribers of the SPEEDE-L listserve.

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We know there is a great deal of activity among AACRAO member schools in the secure electronic exchange of PDF Student Transcripts. Since a large portion of these PDF documents do not go to postsecondary schools, we need you to report this PDF activity so it can be included in this document on the AACRAO web site. Please send any updates and corrections to stewartj@aol.com.

State EDI, XML, and PDF Contacts: The AACRAO SPEEDE Committee also recently updated the contacts list.   It is now posted on the AACRAO web site at http://www.aacrao.org/About-AACRAO/committees/speede/statecont.aspx#.UeBCKG3 AHcA . Please send updates and corrections to wbemis@usc.edu .

Common Education Data Standards (CEDS): The AACRAO SPEEDE Committee, primarily through PESC, is involved in defining the data elements now being included in this national project. A draft of Version 4.0 of this standard is now available at http://ceds.ed.gov . The review of Version 4.0 has begun and it includes more data elements that are used in high school and college student transcripts.

Best Practices of the Electronic Exchange of PDF Transcripts: The SPEEDE Committee analyzed a survey that was distributed to the AACRAO community via the SPEEDE-L listserve to gather information about the techniques and processes used in the electronic exchange of PDF student transcripts.

The committee also developed a recommendation for AACRAO regarding best practices for the creation and exchange of PDF transcripts. This has now been distributed to AACRAO members.   It is also available on the AACRAO web site at http://www.aacrao.org/About-AACRAO/committees/speede/AACRAOBestPracticesforP DFTranscriptExchange2013.aspx#.UjdlnD_fLms .

New Member Appointed to the AACRAO SPEEDE Committee: We welcome Susan Dorsey, Assistant Registrar for Enrollment Services, University of Colorado at Boulder as our newest member of the AACRAO SPEEDE Committee.

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University of Texas at Austin SPEEDE Internet Server: Shelby Stanfield, the Vice Provost and University Registrar at UT Austin has provided us with the following information about the use of the Free SPEEDE Internet Server. Cumulative 12 month stats are as of the end of August 2013:

Description	Last Year	This Year	Percent Change
Number of TS130 Transcripts for August	121,299	135,071	11%
Number of TS130 Transcripts for past 12 months	1,292,112	1,335,997	3%
Number of TS131 Transcript Acknowledgments for August	107,223	120,135	12%
Number of TS131 Transcript Acknowledgments for past 12 months	1,374,689	1,740,709	27%
Number of TS189 Applications for Admission for August	86,516	100,121	16%
Number of TS189 Applications for Admission for past 12 months	1,510,488	1,620,373	7%
Number of Total Transactions for August **	370,476	420,989	14%
Number of Total Transactions for past 12 months **	4,914,163	5,553,106	13%
Number of TS130 Sending Schools in August***	177	208	18%
Average Number of TS130 Sending Schools per month for past 12 months ***	172	191	11%
Number of TS130 Receiving Schools in August*	293	299	2%
Average Number of TS130 Receiving Schools per month for past 12 months ***	284	298	5%

** Total Transactions include TS130 Transcripts, TS131 Acknowledgments, TS997 Functional Acknowledgments, TS 189 Applications for Admission, and TS138 Test Scores.

*** In addition to this number of schools, there are other entities, such as Parchment, Florida K-12, Florida Postsecondary, Pearson, Texas Education Agency, Triand, and Xap Corporation, that distribute transcripts through the Server on behalf of multiple schools.

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XML Transcripts: In August 2013, 12 schools in 4 states (Arizona, Iowa, New Mexico, and Tennessee) exchanged 2,640 PESC XML Transcripts via the University of Texas at Austin Internet Server.

Other Electronic Transmission Activity Not Using the Texas Server: North Carolina sends electronic high school transcripts within the statewide college access web portal, CFNC.org. Within this NC network, there are 530 high schools (representing all NC Local Education Agencies) sending electronic transcripts to 110 NC participating colleges and universities. For the months of July and August 2013, a total of 12,290 electronic high school transcripts were securely delivered in the PESC XML & PDF formats.

Other provinces and states that exchange PESC XML or EDI transcripts without the use of the Texas Internet Server include the Canadian provinces of Alberta, British Columbia, and Ontario, as well as the US states of Florida, Maryland, Ohio, and New Jersey. And several vendors exchange many electronic high school and/or college transcripts using their own networks. These include Pearson (formerly National Transcript Center), Parchment (formerly Docufide and Avow), ConnectEDU, eScripSafe and the several other vendors who distribute PDF transcripts.

Future Meetings: The following are future events at which the AACRAO SPEEDE Committee is planning to participate:

PESC Fall Data Summit October 1 - 3, 2013 (Tuesday through Thursday) in Palm Beach, Florida at the Four Seasons Hotel

PACRAO Meeting October 27 - 30, 2013 (Sunday through Wednesday) at the Paris Hotel in Las Vegas, NV

100th AACRAO Annual Meeting March 30 - April 2, 2014 (Sunday through Wednesday) at the Colorado Convention Center in Denver, CO

AACRAO Technology Conference July 6 - 8, 2014 (Sunday through Tuesday) at the Marriott Harbor Beach in Fort Lauderdale, FL

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AACRAO SPEEDE Committee Members for 2013-2014:

W. Matt Bemis	Associate Registrar, *University of Southern California*	wbemis@usc.edu
Jerry Bracken	Software Engineer, Core Services, *Brigham Young University (UT)*	jeraldbracken@gmail.com
Tuan Anh Do	Assistant Director, Systems Support Group, Undergraduate Admissions, *San Francisco State University (CA)*	doey@sfsu.edu
Susan Dorsey	Assistant Registrar for Enrollment Services, University of Colorado at Boulder is the newest member of the AACRAO SPEEDE Committee	dorsey@colorado.edu
Robin S. Greene, Chair	Senior Associate Director of Technology and Internet Services, College Foundation of North Carolina, *University of North Carolina General Administration*	greeners@northcarolina.edu
Doug Holmes, Scribe	Programmer Analyst III, Ontario Universities' Application Centre, and Representative to the AACRAO SPEEDE Committee from the Association of Registrars of the Universities and Colleges of Canada (ARUCC)	doug@ouac.on.ca
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V. Shelby Stanfield	University Registrar and Vice Provost, *University of Texas at Austin*	s.stanfield@mail.utexas.edu
John T. "Tom" Stewart	Retired College Registrar, *Miami Dade College (FL)*	stewartj@aol.com

And that's the update for the past two months from the AACRAO SPEEDE Committee.