

## Inside

- EDUCAUSE Panel Predicts SOA Two to Five Years Ahead (p. 2)
- Save the Date for The 6th Annual Conference on Technology & Standards April 6 & 7, 2009 (p. 2)
- Technology Tidbits (p. 4)
- Minutes from the Launch of PESC's Education Record User Group
- AACRAO SPEEDE Committee Update (p. 9)

Volume 7 ~ Issue 10 ~ October/November 2008

## PESC Announces

### 10th Annual Best Practices Competition

Entries for the Postsecondary Electronic Standards Council's (PESC) Annual Best Practices Competition are now being accepted. First instituted in 1999, the Best Practices Competition is held to promote innovation and ingenuity in the application of standards for business needs.

The Best Practices Competition is open to institutions, organizations, commercial systems and data providers, consortia, associations, developers, and individuals that have made a concerted effort to design and implement an electronic standardization initiative, prototype, or reference implementation; or have published in-depth articles or research or other media on electronic standards and/or interoperability.

The Best Practices Competition for 2008 is open for submissions until February 1, 2009. Documents detailing the scope of a project, participants, type of standards employed, relevant dates of project milestones, copies of articles (if an article submission), outline of mission/objectives and any related statistics (number of transactions transmitted, estimated cost savings, etc.) should be included in the submission. All entries should be submitted by February 1, 2009, to Michael.Sessa@PESC.org or at:

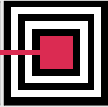
Michael Sessa  
Executive Director  
Postsecondary Electronic Standards Council  
1250 Connecticut Avenue, NW Suite 200  
Washington, D.C. 20036

All entries will be judged by the PESC Board of Directors. First place and those receiving special recognition will be notified by March 1, 2009, an official public announcement will be made immediately before the 6th Annual Conference on Technology and Standards, and the award presentation will be made during the opening general session of the Annual Conference on Technology and Standards.

A complete list of past winners can be found on page 2.

Celebrating Our 10<sup>th</sup> Anniversary in 2007

**POSTSECONDARY**  
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## Past winners of PESC's Best Practices Competition include:

### **2007 - Sinclair Community College and Wright State University**

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

### **2006 - Data Quality Campaign (DQC)**

Using Data to Improve Student Achievement

### **2005 - NCHHELP Electronic Standards Committee, CRC Beta Test**

CRC Beta Test Submission Letter, CRC Beta Test Process, Closed Beta Test Issues

### **2004 - U.S. Department of Education, FSA**

XML Registry and Repository for the Education Community, User Guide

### **2003 - Schools Interoperability Framework Association**

SIF Specification

### **2002 - ELM Resources and NCHHELP Meteor Advisory Team**

ELMNet and Meteor

### **2001 - NCHHELP Electronic Standards Committee**

Common Account Maintenance

### **2000 - University of Northern Iowa**

EDI Bridge

### **1999 - Ontario Universities' Application Centre**

A Model of an Electronic Standardization Initiative

## EDUCAUSE Panel Predicts SOA Two to Five Years Ahead

Panelists at the IMS Leading Integration session held during Educause 2008 predict service oriented architecture (SOA) to be mainstream within 2 to 5 years. The technology will improve services to students, improve productivity of administrative staff, and reduce costs.

Richard Lander of SunGard Higher Education said SOA would appear in the Banner product within 18 months. APIs (Application Programming Interfaces) already exist; standards compliant Web Services interfaces-XML, SOAP messaging and WS-\* specifications-will be introduced. John Fontaine of Blackboard Inc. expects users will implement SOA applications building on Blackboard's SOA Web Services interfaces. "It may take 2 to 5 years for broad implementation." Linda Feng of Oracle Corporation did not mention Oracle's Fusion middleware is now being deployed enabling enterprise SOA supporting collaboration applications and workflow.

Charlie Leonhardt of Georgetown University and Chair of PESC's EA2 (Electronic Authentication and Authorization) Task Force, described the problem in one word-complexity. "As we develop more local integrations, we are creating an unsustainable maintenance." Lander agreed "complexity is sharply increasing the cost of ownership." Moderator Rob Abel of IMS Global Learning Consortium, observed routine application upgrades are "breaking" custom integrations; standards are needed.

The need to integrate learning and student systems is propelling implementation. Fontaine said when students enroll in courses they expect the learning management system to be immediately available with the student's courses and course materials at the "snap of a finger." Feng said the Learning Information Services specification will be the key

See **SOA**, Page 3

## SOA, from Page 2

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to integrating learning and administrative systems.

Lander said by 2009-2010 SOA will support applications with multiple services that can be orchestrated to meet more demanding needs. But Leonhardt said it will take 2 to 3 years to resolve the governance policies, to implement security, and to achieve federation. Compliance with all laws and regulations may take 5 years.

Fontaine questioned whether Moodle, an open source learning system, will be proprietary or open. [At the conference Blackboard announced integration of Moodle and Sakai with the Blackboard learning system using open standards].

Fontaine “strongly believes in the LIS (learning information services) specification that is being developed by IMS. He anticipates applications will also be compliant with the WSRP specification rather than JSR 168 since WSRP is supported by Microsoft Corporation as well as the Java community.

Leonhardt said the needed infrastructure has been under development and early implementation for “fifteen years.” “The compelling use will be better teaching tools-tools that will have immediate access to a student’s characteristics and progress.”

Web 2.0? “Campuses will use services such as Google apps, Microsoft on-line applications, and blogs, wikis and mobile applications.” “Campuses are ill-prepared to take on Web 2.0 applications; this multiplies the number of accounts that students and faculty will have to have unless these services can be integrated with campus identity management and authentication and authorization services.”

Higher education has an example to follow. Since 2001 thousands of students each month access their student loan data using Meteor. This complex SOA application consolidates data from twenty data sources and presents the results to financial aid administrators and students using PESC standards.

*-Jim Farmer*

### Holiday Schedule

Please be advised that PESC offices will be closed Thursday November 27 and Friday November 28 in observance of Thanksgiving; Thursday December 25 and Friday December 26 in observance of Christmas; Thursday January 1, and Friday January 2 in observance of the New Year; Monday January 19 in observance of Martin Luther King, Jr. Holiday; and Tuesday January 20 for the presidential inauguration. PESC wishes everyone a happy and healthy holiday season.

### On a Personal Note

Jennifer Kim, PESC's Membership Services Manager since 2005, recently lost her grandmother unexpectedly. Jen will be traveling back home to Hawaii for services and will not be returning to the PESC office until early December. In the meantime, please contact Michael Sessa, PESC Executive Director, with any questions or concerns at 202.261.6516 or at [michael.sessa@pesc.org](mailto:michael.sessa@pesc.org).

### Save the Date!

The 6th Annual Conference on Technology & Standards takes place Monday April 6, 2009 - Tuesday April 7, 2009 (ending by noon). This year PESC is combining its winter workgroup meetings, usually held in January or February each year as stand-alone events) and the Annual Conference so that attendees can travel once for multiple reasons. Pre-conference workshops are being added for Sunday April 5, 2009 as well. The conference and summit return to the Hyatt Regency Washington on Capitol Hill located at 400 New Jersey Ave NW, just steps to the US Capitol and Union Station. Stay tuned as the official notification and registration will be announced shortly.

# Technology Tidbits

## and Standards Snippets

■ An article detailing the OpenID authentication system discusses new features being standardized, new extensions being developed, the improving support by identity providers, and the increasing number of applications being supported, either as the primary means of authentication or to supplement another method. The article may be accessed at <http://www.ddj.com/web-development/210603354>.

■ Federal Student Aid recently announced the posting of the 2009-2010 School Electronic Process Guide. The guide is available in PDF format on the IFAPs Web site, <http://ifap.ed.gov>. The guide is also available at FSAdownload Web site, <https://www.fsadownload.ed.gov>.

■ The U.S. Education Department has chosen five companies to take part in a \$300-million upgrade of the FAFSA website. Accenture Ltd., Computer Science Corp., Lockheed Martin Corp., Science Applications International Corp. and Vangent Inc. have won the right to compete for elements of the project. The modernization contract has a five-year base period and can be renewed in one-year increments for another five years.

■ Despite a troublesome economy, IT staff and executive positions are safe for now, according to a Computer Economics study, which surveyed 159 North American IT organizations in October. The Irvine, Calif.-based research firm found that "IT executives

are not anticipating deep cuts in IT operational spending or staffing levels." However, some respondents (35 percent) are reducing spending in areas such as travel, training, filling open positions and initiating major planned projects. For more information visit, <http://www.adtmag.com/article.aspx?id=23596>

### EDI Data Exchange Statistics September 2008 UT Austin Server

Total transcripts: 51,382

Total acknowledgements: 41,821

Total for code 138: 4,036

Total for code 146: 24,109

Total for code 189: 45,109

Total for code 997: 16,708

Total transaction sets: 189,737

### October 2008

Total transcripts: 79,767

Total acknowledgements: 65,634

Total for code 138: 21,562

Total for code 146: 35,512

Total for code 189: 97,453

Total for code 997: 36,469

Total transaction sets: 349,580

# Education Record User Group

## Minutes from Launch held at PESC Fall 2008 Member Summit

### October 6, 2008

**Present:** Jeffrey Alderson, Tom Beard, Barry Billing, Lawrence Borgione, Jim Bouse, Ralph Brasure, James Brossoie, Tim Calhoon, Barbara Clements, Laurie Collings, Marion Dilbeck, Tuan Do, Adriene Doray-Franklin, Jim Farmer, Robin Greene, Richard Henninger, George Hudachek, Jan Huus, Chris Kaschmitter, Troy Lowry, Steve Margenau, Susan McCrackin, Andy Miller, Michael Morris, John O'Connell, Scott Rea, Jean Rissler, Armando Rodriguez, Kim Shiflette, Mark Simpson, Monterey Sims, Clare Smith-Larson, Tom Stewart, Eddie Upton, Anne Valentine, Hugh Walkup, Andy Weiss

Michael Sessa welcomed the group to the first meeting of the Education Record User Group, the first such user group in PESC. Barbara Clements and Tuan Do led the meeting as co-chairs of the user group. Attendees were invited to introduce themselves, indicating with whom they work and their experience, if any, with electronic student records.

**Name:** After some discussion, we adopted the name of Education Records User Group.

**Purpose:** The purposes of the group is to take in requests for changes and additions to PESC-supported education record schemata; review issues related to education records; and distribute changes to the schemata.

**Scope:** The scope of this user group will include only academic records and related schema (not COD/COC), including

- Electronic Transcript
- Application for Admission
- Course Catalog
- Test Scores
- Audit
- Request/Response
- Acknowledgement
- Batch uploads

Interactions with other schema will occur in the Change Control Board.

#### **Transcript Standards Update:**

- **EDI Standards** – ANSI X12 Version 4010 is being used now. (Race/Ethnicity is not supported in 4010, but is within 4050.) ANSI, however, is far ahead of this version. The standards (TS 130, 131, 146, 147, 189) are no longer being “supported” and there is no active involvement with AACRAO or PESC in ANSI. We discussed whether to handle changes to the EDI standards within this user group or if we should go back to working with ASC X12. The group agreed that we should let the standard stay in this format and do whatever changes are necessary to keep it relevant for users. The group discussed the need to have a transition plan for movement to XML, although it is expected that many EDI users will wait a long time before transitioning.
- **XML College Transcript** – This was the first XML format created. Basically, the group took the EDI format and decided what they wanted to carry over into XML, looking only at the college to college exchange of records. This format has been revised once since it was initially passed.
- **XML High School Transcript** – This format is much like the XML College Transcript format. The group identified only the data that colleges indicated they wanted. While there was some K12 involvement, there was not enough input from the K12 community. As a result, it is a set of data too limited for some of the needs of the K12 community. One major role of this user group will be to address these needs.

We discussed whether the formats need to stay in sync or can they go in different directions with a number of variations. Most of the user group indicated they think it would be better for the two formats to be kept in sync. However, we may change our minds after we begin addressing the issues of the K12 community.

It was suggested that we attempt to track who is using which format. This will make it easier to inform users when there are changes made. The vendor community will attempt to put this together with the help of the Texas Server folks.

**Possible Workgroups:** Over the course of the discussion, the following issues were raised that might be addressed by workgroups:

- 1) Transition to XML from EDI (Solid Business Reason, timeline)
- 2) EDI Maintenance
- 3) PESC Implementation Promotion
  - White Paper
  - Outreach to SIS Vendors
  - Promote adoption
  - Employer usage - end users
- 4) API Standards (DTS, WS-S)
  - Common Transport Standards & Application
- 5) XML Maintenance
- 6) Review of Implementation Guide

For the time being, it might be best to keep the XML and EDI maintenance together.

**Meetings:** Workgroups will meet regularly as needed. The co-chairs will distribute potential meeting times for the transcript standards maintenance workgroup which needs to meet weekly until existing requests for changes have been addressed. Other groups, when started, will meet on a timeline they establish.

**Updates to the Standards:** We discussed how often changes should occur to the formats considering vendor timelines. For the time being, we will attempt to have changes identified by January with an implementation date of June. If critical issues arise, changes can be made more often, but we will try to avoid making frequent changes.

**Maintenance Issues:** Several items were discussed, and others will be discussed in future meetings.

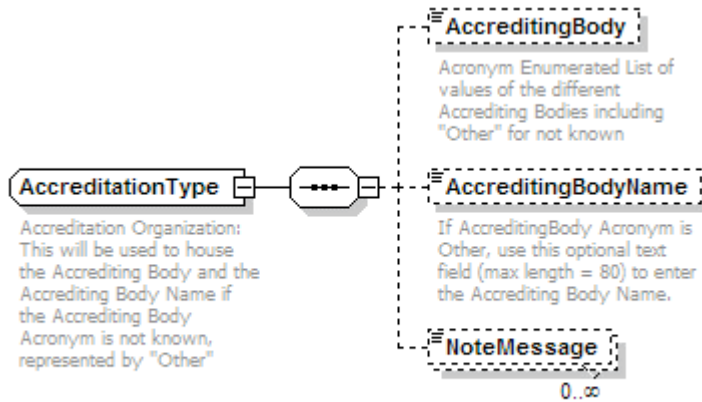
Education Record User's Group Action Item and Summary of Outstanding Issues:

- 1) College Transcript Schema: Accreditation Complex Type added to Transmission Data. Tuan will submit the request to CCB.
  - Barbara Clements will research to see if there is a fairly small finite list of accrediting bodies that accredit secondary schools. If so, these should be added to the enumeration list.

**Insertion into AcRec:OrganizationType a complex child of Accreditation**  
**Insertion into Core the simple components for AccreditationType**

===== Begin Example =====

College Transcript Schema: Accrediting Body/Name addition to XML Schema for Source



Generated by XMLSpy

www.altova.com

```

<xs:complexType name="AccreditationType">
  <xs:annotation>
    <xs:documentation>Accreditation Organization: This will be used to house the Accrediting Body and the Accrediting Body Name if the Accrediting Body Acronym is not known, represented by "Other" </xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="AccreditingBody" type="core:AccreditationTypeType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Acronym Enumerated List of values of the different Accrediting Bodies including "Other" for not known </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="AccreditingBodyName" type="core:AccreditationTypeName" minOccurs="0">
      <xs:annotation>
        <xs:documentation>If AccreditingBody Acronym is Other, use this optional text field (max length = 80) to enter the Accrediting Body Name. </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="NoteMessage" type="core:NoteMessageType" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<!--====Accreditation Types====-->
<xs:simpleType name="AccreditationTypeType">
  <xs:restriction base="xs:string">
    <xs:annotation>
      <xs:documentation>
        MSA - Middle States Association of Colleges and Schools, Commission on Higher Education
        NWCCU - Northwest Commission on Colleges and Universities
        NCA-HLC - North Central Association of Colleges and Schools, Higher Learning Commission
        NCA-CASI - North Central Association of Colleges and Schools, Commission on Accreditation and School Improvement, Board of Trustees
        NEASC-CIHE - New England Association of Schools and Colleges, Inc., Commission on Institutions of Higher Education
        NEASC-CTCI - New England Association of Schools and Colleges, Inc., Commission on Technical and Career Institutions
        SACS - Southern Association of Colleges and Schools, Commission on Colleges
        WASC-ACCJC - Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges

        WASC-ACSCU - Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Universities
        OTHER - Use AccreditationTypeName to enter Accrediting body other than listed.
      </xs:documentation>
    </xs:annotation>
    <xs:enumeration value="MSA"/>
    <xs:enumeration value="MWCCU"/>
    <xs:enumeration value="NCA-HLC"/>
    <xs:enumeration value="NCA-CASI"/>
    <xs:enumeration value="NEASC-CIHE"/>
    <xs:enumeration value="NEASC-CTCI"/>
    <xs:enumeration value="SACS"/>
    <xs:enumeration value="WASC-ACCJC"/>
    <xs:enumeration value="WASC-ACSCU"/>
    <xs:enumeration value="OTHER"/>
  </xs:restriction>
</xs:simpleType>
  
```

```
</xs:restriction>
</xs:simpleType>

<xs:simpleType name="AccreditationTypeName">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="80"/>
  </xs:restriction>
</xs:simpleType>
```

===== End Example =====

2) Request Schema: Submit to CCB. Tuan will push to CCB.

a) Delivery Method: Change to repeatable, iteration 0 to infinity. Implementation documentation change to preferred Delivery Method to Actual Delivery Method (Ordered). **Modification of AcRec:RecipientType**

b) ElectronicDelivery: Add enumerated value of PDFWithEmbeddedData. **Modification of AcRec:ElectronicFormatType**

3) Race/Ethnicity –Tom will update the TS189 Implementation Guide and submit to the PESC Education Record User Group for approval.

4) Post other uncovered issues on the listserv and possible workgroups.

#### **Outstanding Items:**

1) High School Transcript Schema:

a) High School Summary: See Included HighSchoolSummaryUDEReq.pdf

b) NTC Changes: Will be fleshed out for presentation to group and posted on the listserv.

2) Request and Response Schema:

a) Canada's Changes: See TranscriptRequestChangesUnivLeftBridge.doc

## **Summary of Meetings and Conference Calls of the AACRAO SPEEDE Committee Months of September and October 2008**

This is an update for interested members of the AACRAO membership about the ongoing activities of the AACRAO SPEEDE Committee. SPEEDE is a committee that is more active year round than many of the other AACRAO standing committees. The SPEEDE committee reports to the AACRAO Vice President for Information Technology (Group VI), Jeff von Munkwitz-Smith.

**Face to Face Meetings Held:** One meeting was held October 5, 2008 at the Postsecondary Electronic Standards Council (PESC) Workgroup Summit at the Hyatt Regency Crystal City in Alexandria, VA with 9 members present.

**AACRAO SPEEDE Committee conference calls held (with number of participants):** 9/4/08 (7), 9/11/08 (7), 9/18/08 (7), 9/25/08 (7), 10/2/08 (6), 10/16/08 (6) and 10/23/08 (7). The average number of participants per call was 7.

**Activities related to PESC:** AACRAO is a founding member of, and an active supporter and participant in PESC. PESC is the standards setting organization for the electronic exchange of student records in higher education in North America.

- Rick Skeel represents AACRAO on the PESC Board of Directors.
- Clare Smith-Larson is a member of the PESC Steering Committee.
- Tuan Anh Do and Tom Stewart serve on the Change Control Board.
- Tuan Anh Do also serves on the Technical Advisory Board.

And, much of the real work of PESC is accomplished in workgroups.

### **PESC Standards and Workgroups of Interest to AACRAO Members Include:**

**XML College Transcript** - PESC approved this schema as a standard in May 2004. PESC approved a new version (1.1.0) of the schema in October 2007. The three .xsd files to view the schema with a reader such as Altova Corporation's XMLSpy, and Version 1.1.1 of the Implementation Guide are posted on the PESC web site at [http://www.pesc.org/interior.php?page\\_id=164](http://www.pesc.org/interior.php?page_id=164). It is recommended that all users update to Version 1.1.0 of the schema. However, all users who have updated to the latest version can still accept all documents created with Version 1.0.0. All users of Version 1.0.0 can also receive documents created in Version 1.1.0 provided that no data were included that use the new data elements, or new values of old data elements.

## September and October 2008 Report from AACRAO SPEEDE Committee

**XML High School Transcript** - The XML High School Transcript was approved as a PESC standard in June 2006. The Implementation Guide Version 1.0.2 in PDF format and the three .xsd files to view the schema are available on the PESC web site at [http://www.pesc.org/interior.php?page\\_id=163](http://www.pesc.org/interior.php?page_id=163) .

**XML Course Inventory** - This workgroup is co-chaired by Rick Skeel, from the AACRAO SPEEDE Committee, and Anne Valentine from SmartCatalog. This schema is similar to the EDI TS188. AACRAO SPEEDE members that participate with this workgroup are Clare Smith-Larson and Tom Stewart.

**XML Application for Admission** - This workgroup held weekly conference calls for about two years. The workgroup is chaired by Adriana Farella, from The Catholic University of America, and Tom Stewart of the AACRAO SPEEDE Committee assists her. Notes from the workgroup conference calls and the latest draft of the Implementation Guide are available on the PESC web site at [http://www.pesc.org/interior.php?page\\_id=136](http://www.pesc.org/interior.php?page_id=136) . Clare Smith-Larson and Robin Greene are other AACRAO SPEEDE members who actively participated in this workgroup.

Adriana presented the schema for approval of the PESC Change Control Board and it was approved. The next step is posting the schema with the draft Implementation Guide on the PESC web site for a 30 day review and comment period of the higher education community. It is anticipated that this will occur in November and December of 2008.

**Education Test Score Reporting** - Information on this PESC workgroup is located on the web site at [http://www.pesc.org/interior.php?page\\_id=132](http://www.pesc.org/interior.php?page_id=132) . It is developing the PESC XML standard that serves essentially the same purpose as the EDI Transaction Set 138 so that education test scores can be exchanged electronically. Tuan Anh Do, Clare Smith-Larson and Tom Stewart of the AACRAO SPEEDE Committee are active participants on this workgroup.

**Transcript Acknowledgment:** This schema became an approved PESC XML Standard in July 2007. Information about this Standard is located on the PESC web site at [http://www.pesc.org/interior.php?page\\_id=184](http://www.pesc.org/interior.php?page_id=184) .

**Academic Record Batch Submittal:** Since each XML instance document is a stand-alone document for transmission, several schools and agencies had asked for some way to bundle multiple XML documents in the same manner that multiple EDI documents were bundled inside the ISA/IEA envelope.

This schema became a PESC XML Standard in July 2007 and information about this PESC Approved Standard may be viewed on the PESC web site at [http://www.pesc.org/interior.php?page\\_id=185](http://www.pesc.org/interior.php?page_id=185) .

## September and October 2008 Report from AACRAO SPEEDE Committee

**Transcript Request and Response:** The XML schemas for the Request for a Student Transcript and also for the Response to that Request for a Student Transcript were approved in October 2007 as PESC standards.

An updated version of the Implementation Guide (Version 1.0.1) has been prepared for the XML Request for a Student Transcript. No changes were made to the schema, but several recommendations were modified to allow for the requestor to specify that the transcript be released after a specified future date, or after a specified future event has occurred. The .xsd files and the two Implementation Guides are available on the PESC web site at [http://www.pesc.org/interior.php?page\\_id=174](http://www.pesc.org/interior.php?page_id=174).

**Standardization of PDF Education Documents:** A new workgroup has been formed to deal with the issue of standardization of PDF documents and their electronic transmission. Armando Rodríguez from Xap Corporation and Jim Bouse of the AACRAO SPEEDE Committee co-chair this new group. It held its first meeting at the PESC Workgroup Summit in October in the DC area. It now anticipates a series of conference calls and welcomes the participation of anyone whose school or company is a member of PESC.

**Functional Acknowledgment for XML Documents:** Another new workgroup was formed to create the XML equivalent of the EDI TS 997. Rob Moore from the National Transcript Center and Monterey Sims from the AACRAO SPEEDE Committee are the co-chairs of this workgroup. The first meeting was held at the PESC Workgroup Summit in Arlington, VA in October.

**Degree Audit:** Mark Simpson from the AACRAO SPEEDE Committee has volunteered to co-chair this newly activated group which met on October 7 at the PESC Workgroup Summit.

**New User Group for Approved XML and EDI Standards:** PESC formed a new user group that will deal with maintenance for all of the approved XML schemas, as well as all of the ANSI ASX X12 EDI Standards for the admissions and student records area. In the future as they are approved, the User Group may also consider modification to the Application for Admission, Course Catalog and Education Test Score Reporting schemas, as well.

Tuan Anh Do of the AACRAO SPEEDE Committee volunteered to co-chair the User Group, and all members of the AACRAO SPEEDE Committee plan to be active with this new group.

## September and October 2008 Report from AACRAO SPEEDE Committee

Among the items for discussion proposed at this time are

- a. Adding regional accreditation information on the XML Student Transcripts;
- b. Clarification in the documentation about the use of the feature to ask for delay of the release (when requesting an XML Transcript) until a degree or grades are posted;
- c. The addition of a more complete summary, of credits required and completed by curriculum area for a diploma, on an XML High School Transcript;
- d. The use of a NTE segment to provide the new Race and Ethnicity information for the EDI TS 189 Application for Admission;
- e. The addition of a new optional data element to specify a student's high school program of study in the XML High School Transcript;
- f. The addition of an optional User Defined Extension in the Transmission Data area of XML schemas.

The first meeting of the User Group was held October 6, 2008 at the PESC Fall Workgroup Summit at the Hyatt Regency Hotel Crystal City in Arlington, VA.

### Current Activities of the AACRAO SPEEDE Committee:

**Electronic Data Exchange Publication:** Clare Smith-Larson created a draft of a document on this topic and the SPEEDE Committee reviewed and edited it. The AACRAO Office is now considering making it an official AACRAO publication.

**AACRAO Consulting:** The SPEEDE Committee has been holding discussions with the AACRAO Consulting Service and plans to make the expertise of the committee available to the Service in the areas of electronic student records exchange.

## September and October 2008 Report from AACRAO SPEEDE Committee

**University of Texas at Austin SPEEDE Internet Server:** Shelby Stanfield, University Registrar at UT Austin has provided us with the following information about the use of the Server as of the end of October 2008:

Description	Last Year	This Year	Percent Change
Number of TS130 Transcripts for October	64,465	79,767	24%
Number of TS130 Transcripts for past 12 months	699,329	829,305	19%
Number of TS131 Transcript Acknowledgments for October	52,491	65,634	25%
Number of TS131 Transcript Acknowledgments for past 12 months	558,591	672,316	20%
Number of TS189 Applications for Admission for October	82,846	97,453	18%
Number of TS189 Applications for Admission for past 12 months	698,430	858,470	23%
Number of Total Transactions for October **	299,130	349,580	17%
Number of Total Transactions for past 12 months **	2,607,901	3,170,237	22%
Number of TS130 Sending Schools in October ***	152	144	-5%
Average Number of TS130 Sending Schools per month for past 12 months ***	157	152	-3%
Number of TS130 Receiving Schools in October ***	244	270	11%
Average Number of TS130 Receiving Schools per month for past 12 months ***	242	257	6%

\*\* 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 that distribute transcripts through the Server, such as Florida K-12, Florida Postsecondary, Texas Education Agency and the National Transcript Center.

## September and October 2008 Report from AACRAO SPEEDE Committee

The schools or other entities that sent the most TS130 transcripts in October were Florida Public High Schools (32,546), Florida Postsecondary Schools (8,189), North Carolina Department of Public Instruction (5,516), Texas Education Agency (2,698), Maricopa Colleges in Arizona (2,439), Blinn College in Texas (2,332), and Lone Star College in Texas (2,226).

The schools or other entities that received the most TS130 Transcripts in October were the University of South Florida (14,559), University of Central Florida (12,426), Florida Atlantic University (7,154), College Foundation of North Carolina (5,516), University of North Florida (4,931), and Texas A&M University (2,809).

Schools in eighteen US states and two Canadian provinces sent TS130 transcripts through the Server in October. The states with the most schools sending TS 130 transcripts were Texas (53), Oregon (19), Arkansas (16), and California (10).

Schools in twenty-three US states and two Canadian provinces received TS 130 transcripts from the Server in October. The states with the most schools receiving TS 130 transcripts were Texas (109), Arkansas (30), and Oregon (22).

In addition, about 100 PESC XML Transcripts are exchanged through the Server each month.

**State and Province Electronic Transmission Initiatives and Mandates:** The SPEEDE Committee recently updated a spreadsheet of all 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. Please send updates and corrections to [stewartj@aol.com](mailto:stewartj@aol.com). It is now posted on the SPEEDE page on the AACRAO web site at <http://www.aacrao.org/speede/statestat.cfm> .

## **September and October 2008 Report from AACRAO SPEEDE Committee**

**Future Meetings:** The following are future events at which the AACRAO SPEEDE Committee normally participates:

**PESC Annual Conference on Standards and Workgroup Meetings April 6-8, 2009:**

This meeting is scheduled for the Hyatt Regency on Capitol Hill in Washington, DC. Most of the active PESC workgroups and the new PESC Education Record User Group will also meet.

**AACRAO Annual Meeting in Chicago April 13-16, 2009** at McCormick Place West.

All meetings will be held at the Conference Center. The conference hotel is the Hilton on Michigan Avenue. The AACRAO SPEEDE committee plans to meet at the end of the annual meeting.

**AACRAO Technology Conference in Tucson, AZ July 19-21, 2009:** This Sunday through Tuesday conference will be held at the JW Marriott Starr Pass Tucson Resort & Spa.

## September and October 2008 Report from AACRAO SPEEDE Committee

### AACRAO SPEEDE Committee Members for 2008-2009:

Barry Billing, <b>Chair</b>	Associate Registrar, <i>Conestoga College Institute of Technology and Advanced Learning (Ontario)</i> , and representative to the AACRAO SPEEDE committee from the Association of Registrars of the Universities and Colleges of Canada (ARUCC)	<a href="mailto:bbilling@conestogac.on.ca">bbilling@conestogac.on.ca</a>
James M. "Jim" Bouse	Associate Registrar for Technology, <i>University of Oregon</i>	<a href="mailto:jbouse@uoregon.edu">jbouse@uoregon.edu</a>
Tuan Anh Do, <b>Vice-Chair</b>	Assistant Director, Systems Support Group, Undergraduate Admissions, <i>San Francisco State University (CA)</i>	<a href="mailto:doey@sfsu.edu">doey@sfsu.edu</a>
Robin S. Greene	Interim Director of Technology and Internet Services, College Foundation of North Carolina, <i>University of North Carolina Systems Office</i>	<a href="mailto:greeners@northcarolina.edu">greeners@northcarolina.edu</a>
Mark D. Simpson	University Registrar, <i>Weber State University (UT)</i>	<a href="mailto:marksimpson1@weber.edu">marksimpson1@weber.edu</a>
Monterey E. Sims	Director of Operations/Intake, <i>University of Phoenix (AZ)</i>	<a href="mailto:monterey.sims@phoenix.edu">monterey.sims@phoenix.edu</a>
Rick Skeel	Director of Academic Records, <i>University of Oklahoma</i>	<a href="mailto:rskeel@ou.edu">rskeel@ou.edu</a>
Clare Smith-Larson	SPEEDE/Project EASIER Coordinator, <i>Iowa State University</i>	<a href="mailto:cssmith@iastate.edu">cssmith@iastate.edu</a>
John T. "Tom" Stewart	Retired College Registrar, <i>Miami Dade College (FL)</i>	<a href="mailto:stewartj@aol.com">stewartj@aol.com</a>
Tim Tashjian	Associate Director, Student Information Systems, Office of the Registrar, <i>University of Texas at Austin</i>	<a href="mailto:tim.tashjian@austin.utexas.edu">tim.tashjian@austin.utexas.edu</a>

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