Welcome to the 2nd Annual Conference on Technology and Standards! Due to the overwhelming success of last year’s inaugural conference, CBA, EFC, NCHELP, and PESC agreed to continue to focus on technological issues important to their respective memberships under one efficient venue. Once again, this conference includes the full support and participation of the US Department of Education’s Office of Federal Student Aid (FSA) and the National Association of Student Financial Aid Administrators (NASFAA).

From evaluating Open Source which has become a global movement unto itself, to learning about the latest activities related to Authentication and ID Management, to ensuring you know all you need to on Security and Privacy, we are bringing the major technology and standards issues and topics to the forefront of higher education. Extensible Markup Language (XML) has taken hold in every industry and higher education is no different. Many organizations, such as FSA, have been using XML for years now and have gained considerable experience in this technology. With other XML development initiatives underway, such as Common Record: CommonLine, the High School Transcript, and the launch of the Admissions Application, many more organizations are gaining expertise.

Our keynote speaker Mr. Thomas Koulopoulos, President and Founder of Delphi Group, will discuss the Value of Standards. Mr. Koulopoulos will share and evaluate the results of a recent comprehensive survey that clearly finds that standards equal liquidity and create the ability to leverage IT investments in unforeseen ways. The report concludes that there is a greater need for standards and that “standards will provide the foundation for long term advances in the way software is built, bought, and deployed.” We are fortunate to hear from Mr. Koulopoulos and will also make the report available for attendees.

We’ve worked to bring our collective membership together in unity behind technology and standards. We hope that you find the sessions and speakers valuable.

Sincerely,

Joe Belew
President
CBA

Kathleen Smith
President
EFC

Brett Lief
President
NCHelp

Michael Sessa
Executive Director
PESC
CBA, EFC, NCHELP, and PESC thank the following conference program committee members for their active participation in making this year’s annual conference a success! Thank you!

- **Conway Casillas**  
  Director of Communications, Membership, and Technology  
  EFC

- **Joseph Giroux**  
  Technology Consultant  
  California Community College System

- **Holly Hyland**  
  Management Analyst, Integration Team, FSA  
  U.S. Department of Education

- **Robert King**  
  Director of Industry Initiatives  
  Citibank — The Student Loan Corporation

- **Adele Marsh**  
  Vice President, Industry Initiatives  
  AES

- **Judy Martin**  
  Assistant Vice President, Technology Operations and Federal Relations  
  NCHELP

- **Randy Mertens**  
  Director of Industry Relations and Market Research  
  Nelnet

- **Lisa Oldre**  
  Director of Industry Standards  
  Education Loan Servicing Corp.

- **Mark Putman**  
  Assistant Vice President Technology Relations  
  NCHELP

- **Gary Sandler**  
  Director of Technology Operations  
  ELM Resources
## Program At A Glance

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<td>General Session — Best Practices and Distinguished Service Awards</td>
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<td><strong>Speaker:</strong> Keith Riccitelli, Director of Global Sourcing, Sallie Mae; Chair, PESC Board of Directors</td>
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<td>9:00 – 10:15 a.m.</td>
<td>Keynote Session — The Value of Standards</td>
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<td><strong>Moderator:</strong> Michael Sessa, Executive Director, PESC</td>
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<td></td>
<td><strong>Speaker:</strong> Thomas Koulopoulos, President and Founder, Delphi Group</td>
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<td>The climate of economic constraint and risk aversion along with the mandate to integrate systems on both sides of the firewall has created a sea of change in the sense of imperative to adopt software standards. In this climate, standards create liquidity — the ability to leverage IT investments in unforeseen ways. In the groundbreaking study “The Value of Standards,” Delphi gathered the responses of more than 800 end users, software vendors, and service providers to identify the current attitudes and expectations for software standards. The results portray a shifting landscape where standards will provide the foundation for long term advances in the way software is built, bought and deployed. Mr. Koulopoulos will review the findings of this study and provide his insights on the real value of standards.</td>
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<td>General Session — Evaluating Open Source</td>
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<td><strong>Moderator:</strong> David Moldoff, President, Strategic Explorers; PESC Board of Directors</td>
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<td><strong>Speaker:</strong> David Lambert, Vice President for Information Services and CIO, Georgetown University</td>
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<td>Open Source provides tremendous ability for programmers to adapt code to meet unique and customized needs. But is Open Source right for you? This session will discuss some of the history of Open Source, the dilemma higher education faces, and discusses the pros and cons of Open Source.</td>
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MONDAY Program

12:00 – 1:30 p.m.  Lunch  
Sponsored by NASLA

Monticello Ballroom

General Session — e-Authentication:  
Creating an Environment of Trust

Moderator:  Steve Biklen, Board of Directors,  
American Student Assistance (ASA);  
PESC Board of Directors

Speaker:  David Temoshok, Director of Identity Policy  
and Management, Office of Government-wide Policy,  
General Services Administration (GSA)

In today’s environment, authentication of a given individual is almost always carried out by each individual organization for the same person. If two organizations with to trust each other’s authentication processes, they must negotiate a bilateral agreement. As the number of authenticating organizations grows, the number of agreements grows exponentially. To tackle these issues and problems raised by attempts at interoperability, government agencies, commercial entities, and non-government organizations should work together effectively and efficiently toward a common goal. Mr. Temoshok will discuss the federal government’s approach to providing interoperable authentication and introduce the Electronic Authentication Partnership (EAP), a multi-industry partnership working on the vital task of enabling interoperability among public and private e-authentication systems.

1:30 – 2:45 p.m.  Concurrent Sessions

Public/Private Partnership to Enable Authentication  
and ID Management  
Vista Ballroom A

Moderator:  Georgia Marsh, Deputy Program Manager,  
E-Authentication Initiative, U.S. General Services  
Administration (GSA)

Speakers:  Scott Lowry, eAuthentication/Enspier

The GSA E-Authentication Initiative, a government-wide identity validation service, has developed a framework to build the trust required to enable millions of safe, secure online interactions between the government and the citizens it serves. Central to the service is the E-Authentication Federation, wherein government agencies can rely on electronic identity credentials, such as PINS/User IDs/Passwords and PKI certificates, issued by trusted identity credential providers, both within and outside of the Federal government. To build such a federation, the issues of standards and interoperability must be addressed. E-Authentication is working with industry, and particularly the financial services community, to manage the policy and technology challenges associated with building a thriving government/industry partnership. This panel discussion will explore the role of federated identity in academia and the benefits the E-Authentication Federation offers the academic community.
XML Registry and Repository for the Education Community  
Vista Ballroom B

Moderator: Ane Johnson, Membership Coordinator, PESC
Speaker: Holly Hyland, Management Analyst, Integration Team,  
FSA, U.S. Department of Education; Steering Committee,  
Standards Forum for Education
Speaker: Tim Bornholtz, Senior System Integration Architect,  
FSA, U.S. Department of Education

The XML Registry and Repository for the Education Community is now available for  
public use. Come to this information/training session to hear about the history, vision,  
and practical usage of this new application designed to assist and advance standards  
development.

Data Transport  
Vista Ballroom C

Moderator: Mark Putman, Assistant Vice President,  
Technology Relations, NCHELP
Speakers: Nathan Chitty, Software Architect, Nelnet  
Mark A. Malinoski, Technical Coordinator/  
Web Development, AES

This session will outline the technical challenges and issues the Data Transport  
Workgroup, functioning under the Standards Forum for Education, is looking to  
address and solve. The team leads of the Workgroup will also discuss the history of  
the effort, its goals, and summarize what the Workgroup has accomplished to date.  
Examples of live reference implementation code will also be illustrated.

2:45 – 3:00 p.m. Break  
Vista Ballroom Foyer

3:00 – 4:15 p.m. Concurrent Sessions

Open Source Discussion Group  
Vista Ballroom A

Moderator: Adele Marsh, Vice President of Industry Initiatives,  
AES; Steering Committee, Standards Forum for Education
Speakers: Tim Cameron, Project Manager, Meteor  
Mark Olson, Executive Vice President, Sales and Marketing, Campus Partner  
Les Smith, General Manager, Advanced Concepts, SunGard SCT

A distinguished panel of experts involved with a variety of Open Source projects will  
discuss the pros and cons of implementing Open Source products. Bring your  
questions and concerns and be prepared to join this fast-paced discussion.
**Common Record: CommonLine Implementation**  
**Moderator:** Lisa Oldre, Director of Industry Standards, ELSC; NCHELP Electronic Standards Committee  
**Speakers:** Gary Allen, Product Manager, Oracle USA, Inc.; NCHELP Electronic Standards Committee  
Dave Steiner, Project Manager, Foundation for Educational Services (FES); NCHELP Electronic Standards Committee

This session will explore some very worthwhile improvements in the CommonRecord:CommonLine (CR:C) format that will benefit school financial aid offices as well as lenders, servicers and other organizations. Functionality that will be discussed includes: Reducing or eliminating the need for double entry of changes; support for more than four disbursements; ability for more specific status reporting; ease development of change processing by allowing your software providers to make processing enhancements more quickly, and; reduce exception processing, particularly resulting from change processing. Hear first-hand of the challenges and lessons learned by analysts and developers during their implementation and testing of CR:C and gain understanding of the importance of its implementation.

**Bridging the Gap — Secondary to Postsecondary**  
**Moderator:** Dave Stones, Registrar, Southwestern University; AACRAO SPEEDE Committee  
**Speakers:** Bruce Marton, Associate Director of SIS, University of Texas at Austin; Steering Committee, Standards Forum for Education; AACRAO SPEEDE Committee  
George Hudachek, Associate Director of Admissions, University of Minnesota; AACRAO SPEEDE Committee

An XML standard for the High School Transcript is currently being developed by a Workgroup under the PESC Standards Forum for Education. This XML High School Transcript is based on the existing PESC standard for the College Transcript and is designed to facilitate exchanges between High Schools and Colleges as well as from local schools to district and state-level agencies. With its goals of increasing accuracy and lowering costs, it incorporates prior standards developed for SPEEDE/ExPress and the newer NCES SCED Project, including grades, grading scales, test scores, immunizations, and standardized course numbering. Learn about initiatives underway in California, Georgia, Texas and elsewhere that hope to take advantage of this standard.

4:30 – 5:30 p.m.  
**PESC 7th Annual Meeting**  
**Vista Ballroom B**
TUESDAY, MAY 3

7:30 – 4:15 a.m.  Registration  Vista Ballroom Foyer

7:30 – 8:30 a.m.  Continental Breakfast  Vista Ballroom Foyer

8:30 – 9:15 a.m.  General Session — PKI and the Federal E-Authentication Architecture  Vista Ballroom

Moderator:  Conway Casillas, Director of Communications, Membership, and Technology, EFC

Speakers:  Peter Alterman, Ph.D., Assistant CIO, E-Authentication, NIH;  Chair, Federal PKI Policy Authority

The Federal E-Authentication Architecture looks to Public Key Infrastructure (PKI) to satisfy the requirements for electronic identity authentication at assurance levels 3 and 4, and allows PKI to be used at levels 1 and 2. This presentation will discuss the role of PKI in the overall Federal E-Authentication Architecture.

9:15 – 10:00 a.m.  General Session — Announcing: XML Launch of Admissions Application  Vista Ballroom

Moderator:  Michael Sessa, Executive Director, PESC

Speakers:  Ed Hauser, General Manager, SunGard SCT;  Chair, Steering Committee, Standards Forum for Education
          Graham Tracey, Product Manager, Datatel;  Chair, Submission Advisory Board, Standards Forum for Education

The use of XML is on the move in every industry and higher education is no different. With the College Transcript approved as a PESC standard and development work in full swing on the High School Transcript, the higher education community is ramping up to standardize the Admissions Application in XML as well. This session will discuss plans for this development workgroup and discuss the other various development efforts currently in process.

10:00 – 10:15 a.m.  Break  Vista Ballroom Foyer

Sponsored by Nelnet

10:15 a.m. – 11:45 p.m.  General Session — FSA ADvance  Vista Ballroom

            Steering Committee, Standards Forum for Education

Speakers:  Katie Crowley, Deputy General Manager, FSA, U.S. Department of Education

The U.S. Department of Education’s Office of Federal Student Aid (FSA) developed and implemented a multi-year sequencing plan for system and business process integration. The next phase of this effort is the ADvance initiative (formerly FEBI). Through ADvance, FSA is modernizing and integrating its core business functions through the reengineering, retirement, and replacement of existing legacy systems. The ADvance solution creates a fully integrated aid application, Pell Grant and Direct Loan origination, and disbursement system that consolidates and streamlines
common functions and offers end-to-end, online view of financial aid information for customer service representatives, schools and students. Come hear about the vision, goals, and timelines for this new development process.

12:00 – 1:30 p.m.  
**Lunch**  Monticello Ballroom  
*Sponsored by Sallie Mae*

**General Session — Georgetown University's Implementation of Wireless Technology**

*Moderator:* **Craig Cornell**, Director, Student Financial Aid, Bowling Green State University; PESC Board of Directors  
*Speakers:* **Chuck Wolfe**, Network Architect, Georgetown University

With new and improved hand held devices being developed and with hot spots popping up at every corner café, more and more communications are occurring over wireless connections. This session will discuss how Georgetown University is addressing wireless technology, how students are using it, where wireless technology is headed, how it will potentially impact what we are doing now, what you should pay attention to, and identify some of the technologies being used to support wireless communications.

1:45 – 3:00 p.m.  
**Concurrent Sessions**

**XML Parsers and XSLT**  Vista Ballroom A  
*Moderator:* **Adele Marsh**, Vice President, Industry Initiatives, AES; Steering Committee, Standards Forum for Education  
*Speakers:* **Tim Bornholtz**, Senior System Integration Architect, FSA, U.S. Department of Education

Want to learn the latest about the techie tools of XML? Then this is the session for you as we will discuss the different types of XML parsers and the pros and cons of each. This session will also demonstrate the powerful tools available for XML such as XSLT and XSL-FO — tools that can be used to transform XML and print XML. We will also discuss interesting advances in XML tools.

**eOscar Credit Reporting Requirements**  Vista Ballroom B  
*Moderator:* **Harrison Wadsworth**, Principal, Washington Partners, LLC  
*Speakers:* **Gene Wendt**, Senior Manager, Strategic Services, University Accounting Services/OSI

Recent laws have affected how banks and creditors report information to national credit bureaus. In this session, those new requirements for credit reporting will be discussed.
Security and Privacy: Panel of Perspectives

Moderator: Monique Snowden, Texas A&M University; AACRAO SPEEDE Committee

Speakers: Rick Skeel, Registrar, University of Oklahoma; AACRAO SPEEDE Committee
Srinivasa Kankanahalli, Senior Manager, FSA
Jack Suess, CIO, University of Maryland — Baltimore County; Co-Chair, EDUCAUSE/Internet2 Security Task Force

In the wake of international events and even recent large scale institutional security breaches, security and privacy have risen to the top of everyone’s priority list. No longer an issue just for IT to figure out, all sectors must now evaluate how information and data is to be protected, stored, and shared. This panel of knowledgeable experts will discuss security and privacy issues along with the potential for fraud and abuse from their respective perspectives.

3:00 – 3:15 p.m. Break

3:15 – 4:30 p.m. Concurrent Sessions

.NET and Java Interoperability

Moderator: Randy Mertens, Director of Industry Relations and Market Research, Nelnet; Chair, Change Control Board, Standards Forum for Education

Speakers: Nathan Chitty, Software Architect, Nelnet
Mark A. Malinoski, Technical Coordinator/ Web Development, AES

This session will discuss the technical issues related to interoperability encountered and overcome while working on the Data Transport Workgroup. The team leads will present and explain the obstacles encountered while attempting .Net and Java web services communications and the techniques used to overcome them.

Designing a Security Program for Your Campus

Moderator: Joseph Giroux, Technology Consultant, California Community College System

Speakers: Jacqueline Craig, Director of Security Policy, Office of the President, University of California System

Ensuring the reliability, robustness, and security of information technology systems managed by campus units and for the customers they serve is a critical responsibility for campus management. Management must also offer guidance and direction to decentralized units to ensure the reliability of distributed systems and devices that attach to campus networks. Addressing IT Security involves policy, assignment of responsibility, and oversight. It requires preparedness against known risks and vulnerabilities, detection of attacks or penetration attempts, practiced procedures for responding to incidents, and constant review and enhancement of established procedures and policies as new vulnerabilities arise. This presentation will discuss methods to construct these strategies into a cohesive campus security program, a framework for identification of management strategies and implementation of security measures to reduce risks to campus electronic information assets.
PKI and Electronic Forms

**Moderator:** Peter Alterman, Assistant CIO, E-Authentication, NIH; Chair, Federal PKI Policy Authority

**Speakers:** Scott Rea, Programmer, Dartmouth College

With the signing of Homeland Security Presidential Directive-12 (HSPD-12), Federal Agencies have begun planning to implement digital signature technology (PKI) to secure physical and logical access to government resources. With PKI poised to spread throughout the Federal enterprise within a short period of time, Agencies will be looking for opportunities to utilize their investment in this technology in program areas. This session presents early initiatives, both within government and within higher education, to apply digital signature technology to electronic forms applications. This session will also address PKI enabling the PESC XML Postsecondary Transcript.

5:00 – 6:30 p.m. **Reception**

_Sponsored by SunGard SCT_

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**WEDNESDAY, MAY 4**

7:30 – 11:30 a.m. **Registration**

7:30 – 8:30 a.m. **Continental Breakfast**

8:30 – 9:45 a.m. **Concurrent Sessions**

**SPEEDE**

**Moderator:** Rick Skeel, Registrar, University of Oklahoma; AACRAO SPEEDE Committee

**Speakers:** Barry Billings, Business Analyst, Ontario College Application Services (OCAS); AACRAO SPEEDE Committee  
Clare Smith-Larson, Systems Support Specialist, Iowa State University; Chair, AACRAO SPEEDE Committee  
Tom Stewart, AACRAO SPEEDE Committee

SPEEDE is a standing committee of The American Association of Collegiate Registrars and Admissions Officers (AACRAO) and has been in existence since the early 1990s. Members of the SPEEDE Committee will discuss our history, our efforts related to EDI, our current projects in XML and EDI, and talk about future directions for the higher education community. Come and learn who we are, what we are doing, and what we are planning for the future to help the higher education community move forward in electronic data standards.
Harnessing New Technologies to Deliver Product Enhancements to Customers

Moderator: Mark Putman, Assistant Vice President, Technology Relations, NCHelp

Speakers: Rhonda Allen, Product Manager, SCT Banner Financial Aid, SunGard SCT
          Jon Kroehler, Senior Vice President, Sallie Mae
          Gary Allen, Product Manager, Oracle USA, Inc.; NCHelp Electronic Standards Committee

A panel of representatives from software developers and other service providers discuss the potential for using new technologies in their school based software and web services.

Liberty Alliance

Moderator: Steve Margenau, Systems Analyst, Great Lakes Education Loan Services; Chair, Technical Advisory Board, Standards Forum for Education

Speakers: Dave Edstrom, Technical Director, Sun Microsystems

This session will provide an overview and update on the Liberty Alliance of which Sun Microsystems is a key founding member. Businesses and consumers want benefits of being connected anytime, anywhere - without compromising security or control of personal information. The Liberty Alliance provides the technology, knowledge, and certifications to build identity into the foundation of mobile and web-based communications and transactions.

9:45 – 10:15 a.m. Break

10:15 – 11:30 a.m. Concurrent Sessions

Open EAI

Moderator: Clare Smith-Larson, Systems Support Specialist, Iowa State University; Chair, AACRAO SPEEDE Committee

Speakers: Stephen Wheat, Director of Enterprise Architecture, Administrative IT Services, University of Illinois
          Tod Jackson, Enterprise Architect, Administrative IT Services, University of Illinois

This presentation will describe the comprehensive enterprise application integration methodology, Java message object API, and Java messaging and application foundation components — all based on open standards, including JMS and XML — at the heart of the OpenEAI Project. The University of Illinois uses this methodology and foundation for many of the integrations and services required for the University’s ERP implementation. The University donated this methodology and foundation to the OpenEAI Project and it has been released publicly under GNU open source licenses. With the purpose of OpenEAI being to discover and document the controlling dynamics, principles, and practices of enterprise application integration and to
present, implement, and promote those findings, this presentation will discuss the definition of OpenEAI, the impetus for OpenEAI, how the OpenEAI project was initiated, some benefits of using OpenEAI today, some long-term and potential benefits of using OpenEAI and participating in the project, and a tour and demonstration of the OpenEAI sample enterprise.

**Using Shibboleth at Your Organization**

*Vista Ballroom B*

**Moderator:** Tanya Vittitow, Marketing and Web Projects Manager, Oklahoma Student Loan Authority

**Speakers:**
- Melissa Kunes, Director of Federal and State Aid Programs, Pennsylvania State University
- Steven Carmody, Manager, Computing and Information Services, Brown University

In this session, we will explore the business and legal issues of one university’s decision to implement a transitive trust model of authentication for their financial aid products. Then we will hear about the latest news and activities from the Shibboleth Project. Come find out about the new tools and features available to assist with your implementation.

**ESC**

*Vista Ballroom C*

**Moderator:** Mark Putman, Assistant Vice President, Technology Relations, NCHELP

**Speakers:**
- Rhonda Allen, Product Manager, SCT Banner Financial Aid, SunGard SCT
- Brian Allison, USA Funds; Co-Chair NCHELP Electronic Standards Committee
- Robert King, Director of Industry Initiatives, Citibank — The Student Loan Corporation; Co-Chair NCHELP Electronic Standards Committee
- Gary Allen, Product Manager, Oracle USA, Inc.; NCHELP Electronic Standards Committee

For over ten years the NCHELP Electronic Standards Committee (ESC) has been creating voluntary standards that improve and facilitate the delivery of federal loan and private loan financial aid to the nation’s schools and students through the detailed efforts of a number of advisory teams. As standards within the education space can only be mandated by the US Department of Education, the ESC epitomizes collaborative standards-setting within an industry, even among hard core competitors. However, gaining widespread acceptance and uniform implementation of voluntary standards is no slam dunk. Learn about the accomplishments, ongoing efforts, and work organization of the ESC, along with the challenges it faces in promoting industry-wide adoption of voluntary standards.
Keynote Speaker, Tom Koulopoulos

Named one of the industry’s most influential information management consultants by *Information Week* magazine, Mr. Tom Koulopoulos is recognized as an authority on the implications of information technology on global organizations, with articles and market insights appearing frequently in national and international print and broadcast media such as *Business Week*, *The Wall Street Journal*, *Forbes*, *The Economist*, CNBC, CNN, and NPR. Mr. Koulopoulos has written numerous books and his current book, “Smartsourcing: How to Drive Innovation, Jobs, and Growth in the age of Globalization” (to be released in the fall of 2005) looks at the core drivers and broad implications of outsourcing and globalization.

In a groundbreaking study, Delphi Group, a Perot Systems Company, gathered the responses of more than 800 end users, software vendors, and service providers to identify the current attitudes and expectations for software standards. The results portray a shifting landscape where standards create liquidity, the ability to leverage IT investment in unforeseen ways, and provide the foundation for long term advances in the way software is built, bought, and deployed. Mr. Koulopoulos will present the findings of this study and provide his insights on the real value of standards.
CBA, EFC, NCHELP, and PESC thank the following sponsors for their generous support of this year’s conference. Thank you!

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About Our Organizers

The Consumer Bankers Association (CBA)
www.CBAnet.org
Harrison Wadsworth
HWadsworth@WPLLC.net

The Consumer Bankers Association (CBA) is the recognized voice on retail banking issues in the nation’s capital. Member institutions are the leaders in consumer financial services, including auto finance, home equity lending, card products, education loans, small business services, community development, investments, deposits and delivery. CBA was founded in 1919 and provides leadership, education, research and federal representation on retail banking issues such as privacy, fair lending, and consumer protection legislation/regulation. CBA members include most of the nation’s largest bank holding companies as well as regional and super community banks that collectively hold two-thirds of the industry’s total assets. CBA’s Education Funding Committee is the public policy voice for private-market capital to fund loans supporting America’s students. The special challenges facing American higher education necessitate that voice more than ever, particularly as Congress begins reauthorization of the Higher Education Act.

The National Council of Higher Education Loan Programs, Inc. (NCHelp)
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Based in Washington, D.C., the National Council of Higher Education Loan Programs, Inc. (NCHelp) represents a nationwide network of guaranty agencies, secondary markets, lenders, loan servicers, collectors, schools and other organizations involved in the administration of the Federal Family Education Loan Program (FFELP). Since its founding, NCHelp has represented its members on public policy and regulatory issues with the legislative and executive branches of the federal government. NCHelp members promote student access and choice for postsecondary education and training. A key objective is to keep the public informed about the availability of FFELP loans as a method to ensure open access to a postsecondary education. NCHelp’s members provide guaranteed loan assistance under the Federal Family Education Loan Program, which consists of four different loan programs: subsidized and unsubsidized Federal Stafford Loans, Federal PLUS Program and Federal Consolidation Loan Program.

The Education Finance Council (EFC)
www.EFC.org
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The Education Finance Council (EFC) is a non-profit trade association that represents state-based student loan secondary market organizations including scholarship funding corporations throughout the country. These public purpose organizations are dedicated to the single purpose of making sure students can get the money they need to go to college. Secondary markets expand access to higher education in two main ways: by ensuring the availability of funding for student loans and by making it easier and less expensive to pay for college. Secondary markets, along with lenders, guaranty agencies and other service providers are participants in the Federal Family Education Loan Program. This landmark federal program has been opening the doors of higher education for over 40 years.

Postsecondary Electronic Standards Council (PESC)
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Established in 1997 and located in Washington, D.C., the Postsecondary Electronic Standards Council (PESC) is a non-profit, community-based, umbrella association of colleges and universities; professional and commercial organizations; data, software and service providers; and state and federal government agencies. PESC’s mission is to lead the establishment and adoption of data exchange standards in education. The goals of the mission are to enable the improvement of institutional performance and foster collaboration across educational communities in order to lower costs, improve service, and attain system interoperability.
Coming Events

**EFC**

July 20–22, 2005  
EFC Mid-Year Membership Meeting  
Arlington, VA  
Ritz-Carlton Pentagon City

August 1–2, 2005  
EFC/NCHelp Student Loan Finance & Legal Issues Meeting  
New York, NY  
Barclay Intercontinental

March 8–10, 2006  
EFC Annual Membership Meeting  
Scottsdale, AZ  
Westin Kierland

**NCHelp**

June 6–8, 2005  
Spring Convention  
Naples, FL  
The Registry

September 22–23, 2005  
Legislative Workshop  
Washington, DC  
Loews L’Enfant Plaza Hotel

November 13–16, 2005  
Training Conference  
St. Petersburg, FL  
The Tradewinds

**CBA**

December 4–6, 2005  
2005 Student Lending Conference  
Arlington, VA  
Ritz-Carlton Pentagon City

**PESC**

October 11, 2005  
Fall Membership Meeting  
Atlanta, GA  
Sheraton Atlanta

October 11–12, 2005  
Fall Workgroup Summit  
Atlanta, GA  
Sheraton Atlanta
American Education Services (AES) continues to provide students, schools and lenders with effective student aid solutions. With more than 40 years of experience, AES and its partners provide students with easy solutions to all of their student aid needs through innovative technology and programs.

Creating access to education, we are a proud member of the collaborative higher education community:

- Student Loan Servicing Alliance President Elect and Reauthorization Committee Chair
- NCHELP Board Chair Elect, Program Operations Committee Co-Chair, Electronic Standards Committee Default Aversion and Claims Advisory Team Co-Chair, and Electronic Standards Committee Testing and Certification Advisory Team Co-Chair
- Postsecondary Electronic Standards Council Data Transport Standard Technical Workgroup Co-Chair and Steering Committee
- Meteor Advisory Team Co-Chair
- Mapping Your Future Steering Committee, Content Team Chair, Data Exchange and Technology Team Chair, and Marketing and Promotions Co-Chair

For Success.

American Education Services, providing students, schools and lenders innovative solutions when planning for higher education. Visit aesSuccess.org to learn more.