Revising Ten Issues for 2016

Educational Technology Cooperative
Also Known As…

Getting new tennis shoes in 2016!
Current Ten Issues from 2013

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What do others include in the top 10?
American Assoc. of State Colleges & Universities 2015 Top 10 **Policy** Issues

1. Tuition Policy
2. State Appropriations for higher education
3. Campus sexual Assault
4. Veteran Education Benefits
5. Undocumented students
6. Guns on Campus
7. Postsecondary Education Standards Alignment
8. State Student Aid Programs
9. Performance Based Funding
10. Free Community College

Educause 2016 Top 10

http://er.educause.edu/articles/2016/1/top-10-it-issues-2016

**DIFFERENTIATE**

2: Optimizing educational technology
3: Student success technologies
7: BI and analytics
10: E-learning and online education

**REINVEST**

1: Information security
4: IT workforce hiring and retention
6: IT funding
9: IT organizational development

**DIVEST**

5: Institutional data management
8: Enterprise application integration
1. Supporting faculty integration of IT for instruction (80%)
2. Hiring and retaining qualified IT staff (78%)
3. Providing user support (78%)
4. Upgrading/enhancing network and data security (76%)
5. Leveraging IT resources to support student success (74%)


94% of CIOs – Adaptive learning has great potential to improve student learning outcomes

60% of Univ. had network attack in 2015

96% of CIOs – Digital resources make learning more efficient
2016 Horizon Report

New Media Consortium and Educause Learning Initiative
Trends accelerating technology adoption
Significant challenges impeding technology adoption
Important developments in educational technology

Citation
Key Trends Accelerating Technology Adoption in Higher Education

Long-Term Impact:
- Advancing Cultures of Innovation
- Rethinking How Institutions Work

Mid-Term Impact:
- Redesigning Learning Spaces
- Shift to Deeper Learning Approaches

Short-Term Impact:
- Growing Focus on Measuring Learning
- Increasing Use of Blended Learning Designs
Significant Challenges Impeding Technology Adoption in Higher Education

Solvable Challenges:

- Blending Formal and Informal Learning
- Improving Digital Literacy

Difficult Challenges:

- Competing Models of Education
- Personalizing Learning

Wicked Challenges:

- Balancing Our Connected and Unconnected Lives
- Keeping Education Relevant
Important Developments in Educational Technology for Higher Education

One Year or Less:
- Bring Your Own Device (BYOD)
- Learning Analytics and Adaptive Learning

Two to Three Years:
- Augmented and Virtual Reality
- Makerspaces

Four to Five Years:
- Affective Computing
- Robotics
The Next Big Thing: Mortimer Spinks

THE NEXT BIG THING: JOBS, TECH, DISRUPTION
There’s always a next big thing in tech and this year Bio Tech, AI and the Internet of Everything top the list. Unsurprisingly as the next big things become today’s reality, brand new jobs to build or support them are created. This year ‘Artificial Intelligence Engineer’, ‘IoT Architect’ and ‘Chief Cloud Officer’ stand out as brand new jobs that as little as five years ago you’d have been forgiven for mistaking as punchlines. Unsurprisingly there is broadly a consensus that the next sector most likely to be disrupted is healthcare, an area you can easily imagine technology offering brand new alternatives. Whatever happens, there will be another next big thing, job title and area for disruption next year, there always is.

James Hallahan, Managing Director
Mortimer Spinks
UK
Gartner 2015 Education Top 10

Strategic Technologies
1. Adaptive Learning
2. Predictive Analytics
3. CRM (Enrollment, Alumni, etc.)
4. Exostructure
5. Open Microcredentials
6. Digital Assessment
7. Cognitive Computing
8. OER
9. Listening and sensing technology
10. Collaboration Technology
Vision: Advancing Education Through Technology

Mission:
To create a culture of collaboration in order to improve education through technology research, best practices, and policy.

Engage
Transform
Connect

TEN ISSUES
1. Data Definitions
2. Data Systems
3. Data Analytics
4. Bandwidth
5. Emerging Technologies
6. Instructional Innovation
7. E-Learning Support
8. Competency-Based Learning
9. Professional Development
10. Policy

ETC Strategic Plan:
• Vision
• Mission
• Core Values
• Guiding Principles
• Action Agenda

- Networking/Collaboration
- Leadership/Advocacy
- Data driven decision making
- ADA Accessibility/improving student access/Mobile/BYOD
- Adaptability/Interoperability
- Limiting costs (both for the systems and humans)
- Business Driven/Standards Driven
- Digitalization/Enhancing the online experience
- Competency Based Learning/Prior learning/credits/credentials
Are there other technology trends and issues we might want to consider in our top 10 for 2016? Discussions with your technology stakeholders (CIO, CAO, Faculty leaders, etc.)
Are these the best 10 Issues for ETC for 2016-2018?

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New Three Year Process

**Current Questions:**
What is the issue and why is it important?
What is the status in SREB states?
What if SREB states do not address or make adequate progress on this issue?
What measurements can SREB states use to assess progress?
What are some next steps SREB states can take?
Where can I learn more?

**Year 1: 2016**
- What is the issue, Why is it important, What if we do nothing?
- Bib. (where can I learn more)
- Publish before Fall 2016 meeting

**Year 2: 2017**
- What are the measurements?

**Year 3: 2018**
- What is the status in SREB states?
- Next steps or recommendations
- Publication
Next Steps for Top 10

- Panel of ETC reps discuss pros and cons of new list
- Response Required
- Volunteers for each issue
- SharePoint site created for issues
- Publish Q1 responses before fall meeting in New Orleans!
Process for New Issues

http://www.sreb.org/page/1669/10_issues_in_ed_tech.html
Spring Webinars

- SARA and SECCRA Update, 2/23/15
- ADA Compliance: 2 webinars and possible F2F session in Atlanta
Thank you for attending!