ECEP

EXPANDING COMPUTING EDUCATION PATHWAYS

Planning Successful STEM Transfer and Articulation Summits

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Welcome and Introductions

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Commonwealth Alliance for Information Technology Education (CAITE) *http://www.caite.org*

Expanding Computing Education Pathways (ECEP)

http://www.ecepalliance.org

Welcome and Introductions

- *Name*
- *Institution*
- *Role in the transfer process*
- *Attending this session because…*

Purpose and Goals

Learn the steps and benefits involved in planning a successful STEM Transfer & Articulation Summit and how you can adopt the strategy at your institution/region/state.

What is unique about STEM?

- *National focus on increasing number of graduates*
- *Workforce demands in STEM fields*
- *Math and Science requirements*
- *Progression and sequence of courses*
- *CS: newer field, curriculum changes more often*

Challenges

STEM students transferring from 2-year to 4-year degree programs often face several obstacles

- *Lack of advice on preparing for transfer*
- *Lack of program alignment*
- *Lack of identified course equivalencies*
- *Lack of credits that count towards a degree program*

Articulation and Transfer Summits

- *Planning and steps*
- *Impacts*
- *Group work*
- *Implementation examples*

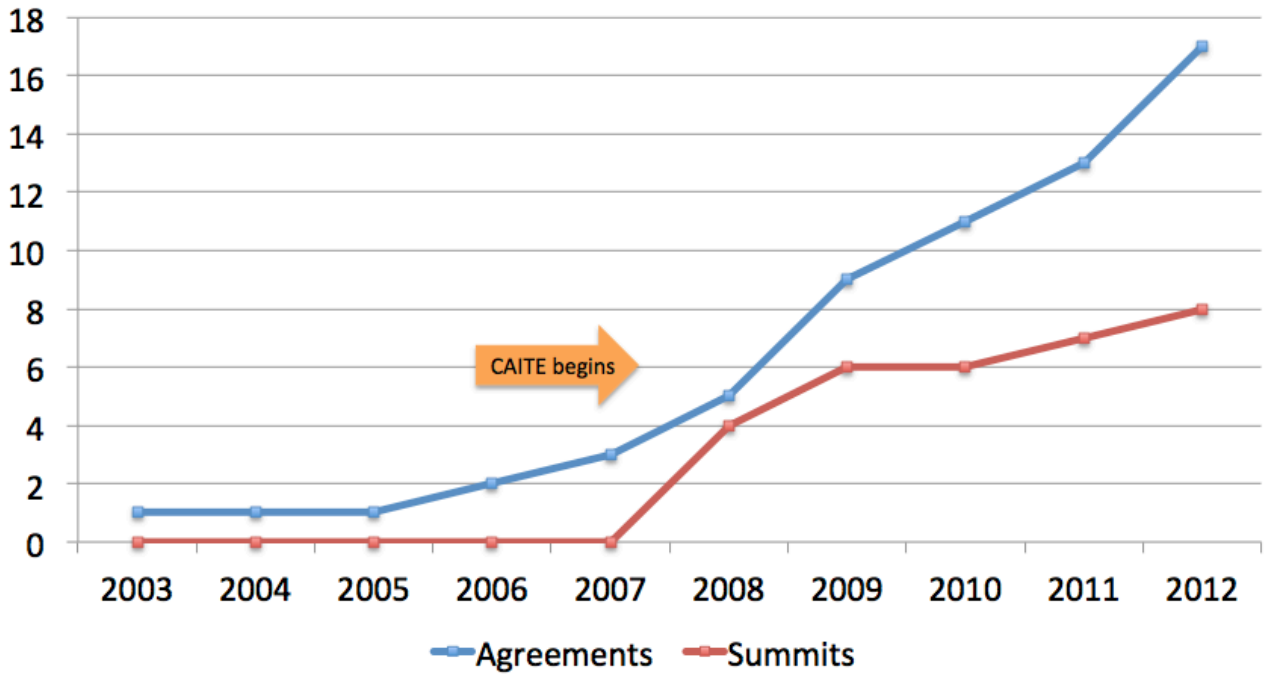
Planning and Steps

- *Important background data to gather beforehand*
  - *Inventory STEM degree programs by institution and type of degree*
  - *Identify feeder schools*
  - *Data on volume of STEM transfer students and which institutions they transfer between*
  - *Existing statewide, regional and institutional transfer policies*
  - *Inventory existing STEM articulation and transfer agreements*

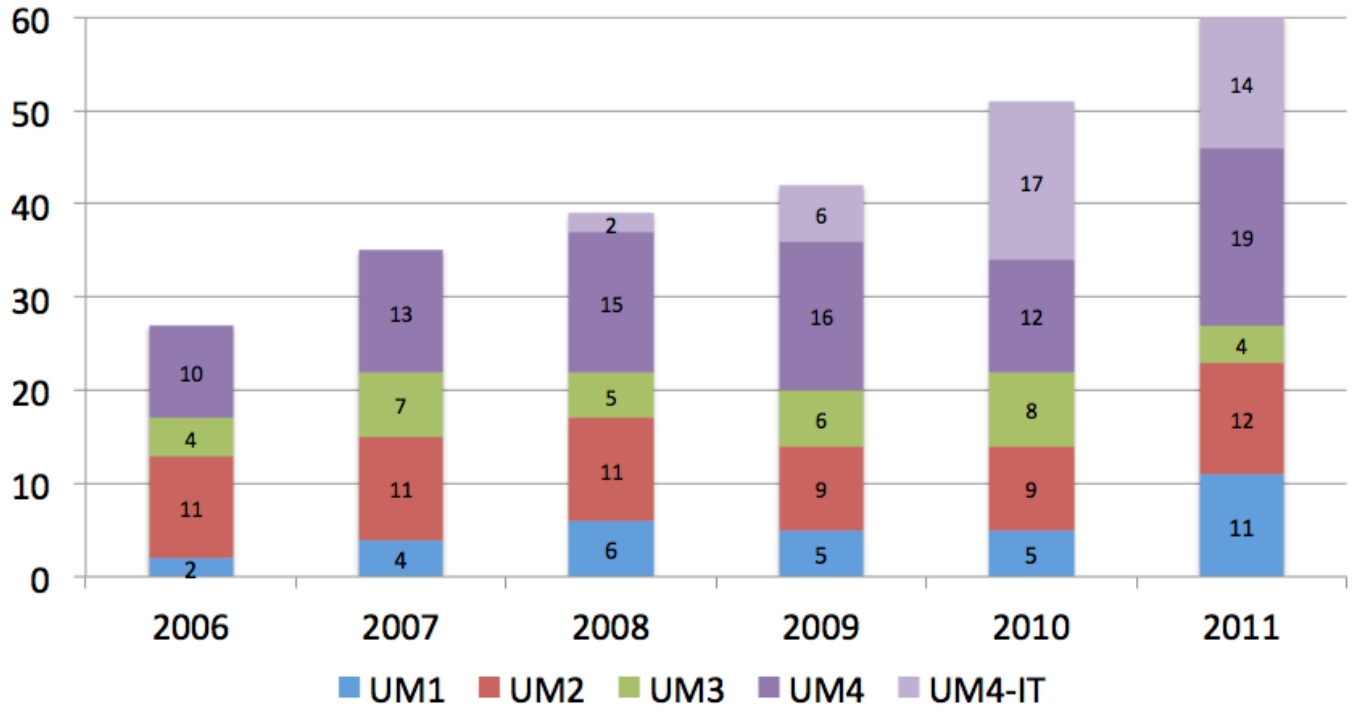
Planning and Steps

- *Identify key participants in the transfer decision making process*
- *Develop agenda tailored to mix of institutions and general goals*
- *Meeting and teamwork strategies*
- *Present various strategies for transfer pathways*
- *Report back on group discussions*
- *Identify next steps, develop a plan*

Cumulative Transfer Agreements and Articulation Summits



Community College Transfers to the 4 UMass Campuses



Impacts

What was the most important outcome of your attendance?

- *Meeting with other schools to better align transfer requirements*
- *Connections with people who I need to work with and setting aside time to meet*
- *Networking and information availability*
- *Working together so courses will transfer as requirements instead of electives*

Implementation Examples

- *Statewide*
  - *CAITE, BATEC*
- *Regional*
  - *Central MA, State Univ. and Community Colleges*
  - *ECEP, Atlanta, GA*
- *Institution*
  - *UMass Campus and local Community College*
  - *Private College and local Community Colleges*

Group work

- *Identify goals and desired outcomes*
- *Identify scope (institution, region, statewide and which majors)*
- *Identify who should attend and roles*

Group work discussion

- *Report back on how to implement at your institution, region, state*
  - *Discuss ideas*
  - *Strategies*
  - *Challenges*

Wrap-up

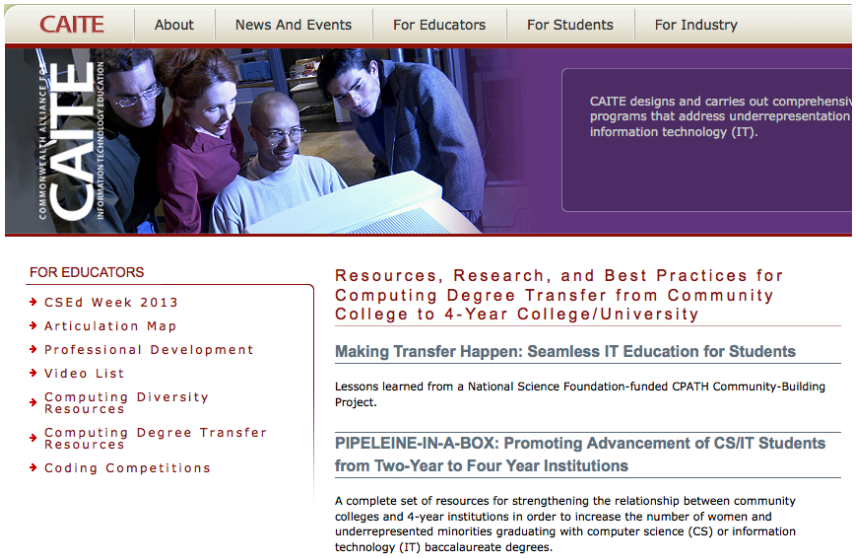
- *Strategies for sustaining working relationships*
- *Resources and best practices*
- *Questions*
- *Contact information*

Strategies for sustaining working relationships and disseminating information

- *Summits and transfer meetings*
- *Community College Day*
- *Open house for CC students, faculty, staff*
- *On Campus outreach and recruiting*
- *Research opportunities for community college faculty and students*

Resources and best practices

- *CAITE and ECEP websites*
- *Community College Day*
- *Roadmaps to Transfer*
- *Reverse Transfer*
- *Learning Outcomes*



www.CAITE.org/educators/transfer.html

Questions

Contact information

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