

University of Missouri P-20 Task Force

General Officers Retreat
June 15, 2009
Old Alumni Center

Presenters: P-20 Co-Chairs
Jay Goff (Missouri S&T) and Dan Lowry (UM-Columbia)

Challenge: Changes in the college-bound student markets

1. The Midwest will experience a 4% to 10% decline in high school graduates between 2009 – 2015 (WICHE)
2. The profile of college-bound students is rapidly becoming more ethnically diverse and female dominant (NCES, WICHE, ACT, College Board)
3. The number of students interested in engineering, computer science, and natural science degrees has slightly rebounded, but remains at record lows (ACT, College Board, CIRP)
4. More full-time college freshmen are choosing to start at two-year colleges (IPED, MODHE)
5. More students are enrolling in more than one college at a time (National Student Clearinghouse)
6. Future student market growth will include more students requiring financial aid and loans to complete a degree (WICHE)

College Progression Rates in Missouri

	For every 100 Ninth Graders	# Graduate from High School	# Enter College	# Are Still Enrolled Their Sophomore Year	Percentage of 9th graders who graduate from HS on time, go directly to college, return for their second year, and graduate within 150% of program time
Missouri	100	77.2	44.1	28.8	20.9
Nation	100	68.6	42.3	28.4	19.7

Areas of Concern Along the P-12 Pipeline

- Only 2 of 10 eighth graders ready for college prep curriculum in high school (ACT 2008)
- College-Going Rate (%) - 2006 Fall First-Time Freshmen Directly out of High School
 Missouri: **57.1** Nation: 61.6
- A Larger Proportion of Missouri Students Starting at Community Colleges
- Freshmen Headcount Distribution at Missouri Colleges & Universities (DHE 2008)

	1982	1987	1992	1997	2002	2007
Community College	31%	24%	31%	30%	36%	41%
Public College/University	51%	55%	47%	46%	42%	39%
Private College/University	18%	21%	22%	24%	24%	20%
Total Freshmen	39,505	33,560	35,034	35,184	41,135	48,181

Task Force Charge

- See attached handout for:
 - > Charge Statement
 - > Members (each campus representative)

Task Force's Identified Barriers in the Student Lifecycle

page 1 of 3

1. Early Childhood Brain Development
2. Quality of Teacher Preparation
3. Curriculum Alignment
4. Culture of Urban K-12 Education:
 - Low expectations
 - Achievement gap
5. Lack of Parent Involvement and Support
6. Lack of Community and Industry Involvement in Schools

Task Force's Identified Barriers in the Student Lifecycle

page 2 of 3

7. Effective Use and Integration of Technology
8. Proper Collection and Interpretation of Data
9. Lack of Understanding of Success and College Readiness
10. Proper Assessment Systems and Longitudinal Data
11. Capacity and Quality of Educational Leadership
12. Mental Health Issues

Task Force's Identified Barriers in the Student Lifecycle

page 3 of 3

13. Math and Science Education
14. Literacy
15. Guidance Counseling

Underlying these hindrances are:

- ⦿ the persistent differences across socio-economic classes
- ⦿ the large percentage of high school drop outs

Approach

May -
June

- Identify barriers

July

- Confirm list of barriers with practitioners, students, and research

August -
September

- Inventory programs and activities that address barriers

September -
October

- Inventory any demonstrated success of pre-college programs

November

- Prepare recommendations

Questions & Discussion