Emerging Opportunities and Challenges to Reduce the Achievement Gap and Empower K-12 Students to Successfully Pursue Health Related Careers
Let’s Talk About His Chances: Depends largely on expectations
State of Education Today

- Today, close to one million of our young people between the ages of 18 to 24 do not have a high school diploma.

- Of the students who do graduate and go on to community college, 70 percent require remedial level math and 42 percent require remedial level English.

- Just one in five employers surveyed in 2007 believed schools were doing an excellent or good job in teaching reading or mathematics, and less than one in ten thought schools were doing a good job in teaching communication or problem solving skills.

- These numbers tell us what many of us already know: that we must transform our high schools so students graduate both ready for careers and ready for postsecondary study if they choose.
Status and Gaps

Achievement Gap of African American Students to White Students

**English-Language Arts**

Percentage of Students Scoring at or Above Proficient

- **White**: 31%
- **African American**: 31%

**Mathematics**

Percentage of Students Scoring at or Above Proficient

- **White**: 28%
- **African American**: 28%

CDE DataQuest
Status and Gaps

Achievement Gap of Hispanic or Latino Students to White Students

**English-Language Arts**
Percentage of Students Scoring at or Above Proficient

- White: 33%
- Hispanic or Latino: 33%

**Mathematics**
Percentage of Students Scoring at or Above Proficient

- White: 24%
- Hispanic or Latino: 23%

CDE DataQuest
African American and Latino 17-Year Olds Perform in Math at Same Levels As White 13 Year Olds

NAEP : 2008 Long Term Trends Summary Tables
African American and Latino 17 Year Olds Read at Same Levels as White 13 Year Olds

NAEP: 2008 Long Term Trends Summary Tables
Remediation Rates at CSU
CSU Systemwide Remediation Rates for Regularly Admitted First-time Freshman, Fall 2006

53% 61%
Latino

65% 63%
African American

26% 26%
White

Math
English

College Education Is Low Among Fast-Growing Latino Population

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CA Parents expect their kids to attain *at least* a four year degree

U.S. Workforce Has Changed

- Unskilled: 60%
- Skilled: 20%
- Professional: 20%

Workforce Skills: 2000

- Skilled: 65%
- Professional: 20%
- Unskilled: 15%

Is there a shortage of research or is there a shortage of will..
Recommendations and More

Left: Closing the Achievement Gap: January 2008
Right: Multiple Pathways to Student Success: 2010
Recommendations: 2

Left: Getting Down To Facts: 2007
Right: Mind the Gaps: How College Readiness Narrows Achievement Gaps in College Success: 2010
Recommendations: 3

Left-Time to Act: Closing the Racial Achievement Gap: 2010
Right-Students First: Renewing Hope for California’s Future: 2007
Recommendations: 4

Left-Measuring College and Career Readiness: 2009
Right-Closing the Expectations Gap: 2010
Expectations

- Access
- Culture/Climate
- Strategies
A Call to Action:
Employers and Business Community Leaders

More than any other group, employers and leaders from the business community are uniquely positioned to play a key leadership role in building America’s skilled workforce through deliberate and strategic partnerships with community colleges. Business can take action for results in four key ways:

1. Partner with community colleges to strengthen program relevance and performance

Increasingly, employers are getting involved in curriculum and program development, bringing expertise and resources to strengthen outcomes. Examples include:

- Address skilled workforce shortages. Cincinnati hospitals have created a sustainable regional collaborative with local colleges to build a new pipeline of employees. Working together, the hospitals provide faculty, fund laboratories, co-construct curriculum, remove barriers with tuition advancement and payment for non-credit classes, and support student retention. Over the past five years, over 2,600 health care workers have earned certificates and degrees directly tied to regional employer demand.

How to Create High Impact Partnerships for Jobs & Economic Vitality in the U.S.: 2010
This call to action is not an example of innovation, I propose to you that it is an example of will...
Sacramento Bee: Friday October 8, 2010
Teen Health Ed Program Fosters Cultural Awareness
What Schools Are Doing

Lawndale High School, Centinela Valley Union High, Biomedical Careers Academy
Schools: 2

University Senior High School, LA Unified, Academy of Health and Environmental Science
Can we simply rely on the valiant efforts of individual teachers, classrooms, or schools?
What Organizations Are Doing

Fort Sam Houston U.S. Army Medical Department Center and School
Organizations: 2

Fort Sam Houston U.S. Army Medical Department Center and School
Organizations: 3

Fort Sam Houston U.S. Army Medical Department Center and School
Roles and Solutions

- As of 2004, about 4,800 high schools nationwide have at least one career academy described as a multi-year program in which the curriculum integrates academic and CTE courses, organized around one or more broad career themes (U.S. Department of Education, 2004). More recent estimates place the number of career academies closer to 6,000.

- In 2006, the CA P-16 Council recommended increasing the 286 CPAs to 900.

- Today, there are currently 478 CPAs in CA: AB 2648 report recommends increasing to 1000.

- Currently, there are 76 health and medicine academies in the state // 16 health and medicine academies are located in Los Angeles County.
Let me leave you with this:

Students in multiple pathways programs like partnership academies are more likely to:

1. Pass the California High School Exit Exam as sophomores
2. More likely to graduate from high school
3. More likely to complete college entrance requirements
4. And, studies have found this approach leads to a narrowing of the achievement gap
“Opportunity is missed by most people because it is dressed in overalls and looks like work.”

~Thomas Alva Edison~