

MORE STUDENT SUCCESS



A Systemic Solution

Paul E. Lingenfelter

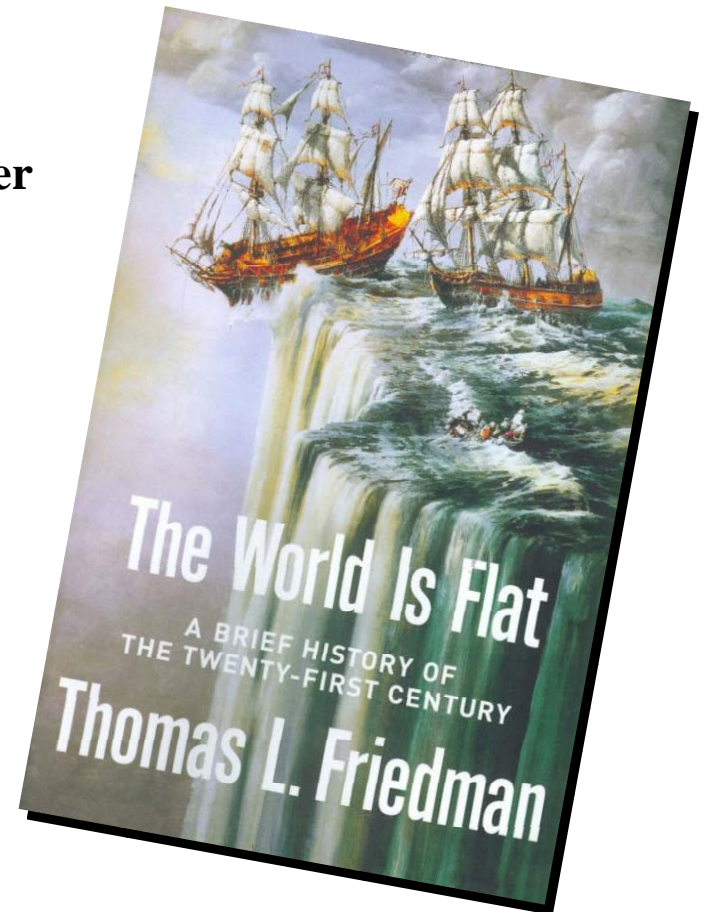
President, State Higher Education Executive Officers

Western Interstate Commission on Higher Education

Monday, November 5, 2007

Forces Flattening the Global Playing Field

- **Fall of Berlin Wall**
- **First Mainstream Web Browser**
- **Work Flow Software**
- **Open Sourcing**
- **Outsourcing**
- **Offshoring**
- **Supply-chaining**
- **Insourcing**
- **In-forming**
- **“The Steroids” Wireless Mobile Digital Communication**



The Price of American Workers

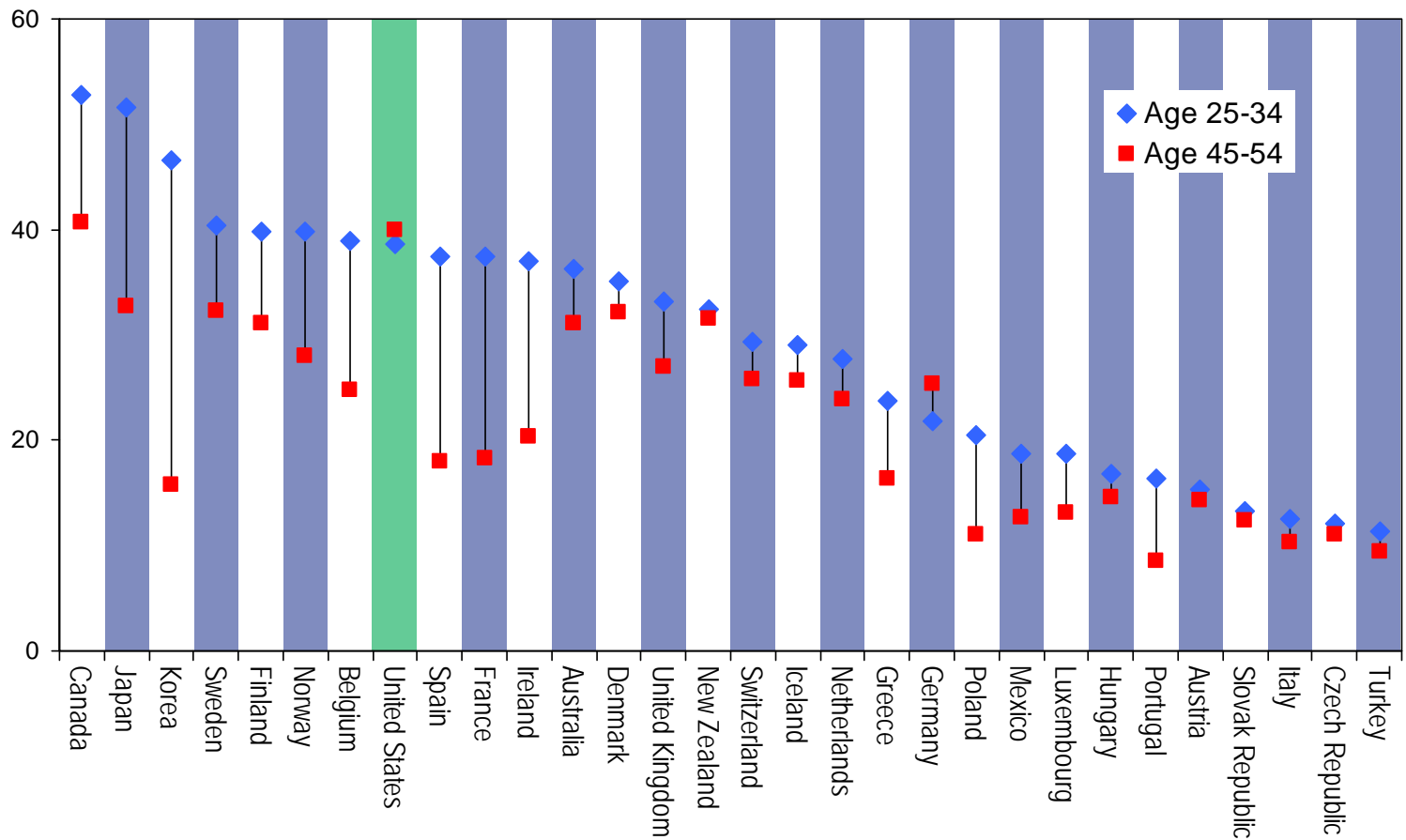
American (and Western European) workers are the most expensive in the world.

What will it take for them to be worth what they cost?

They must be the best educated in the world.

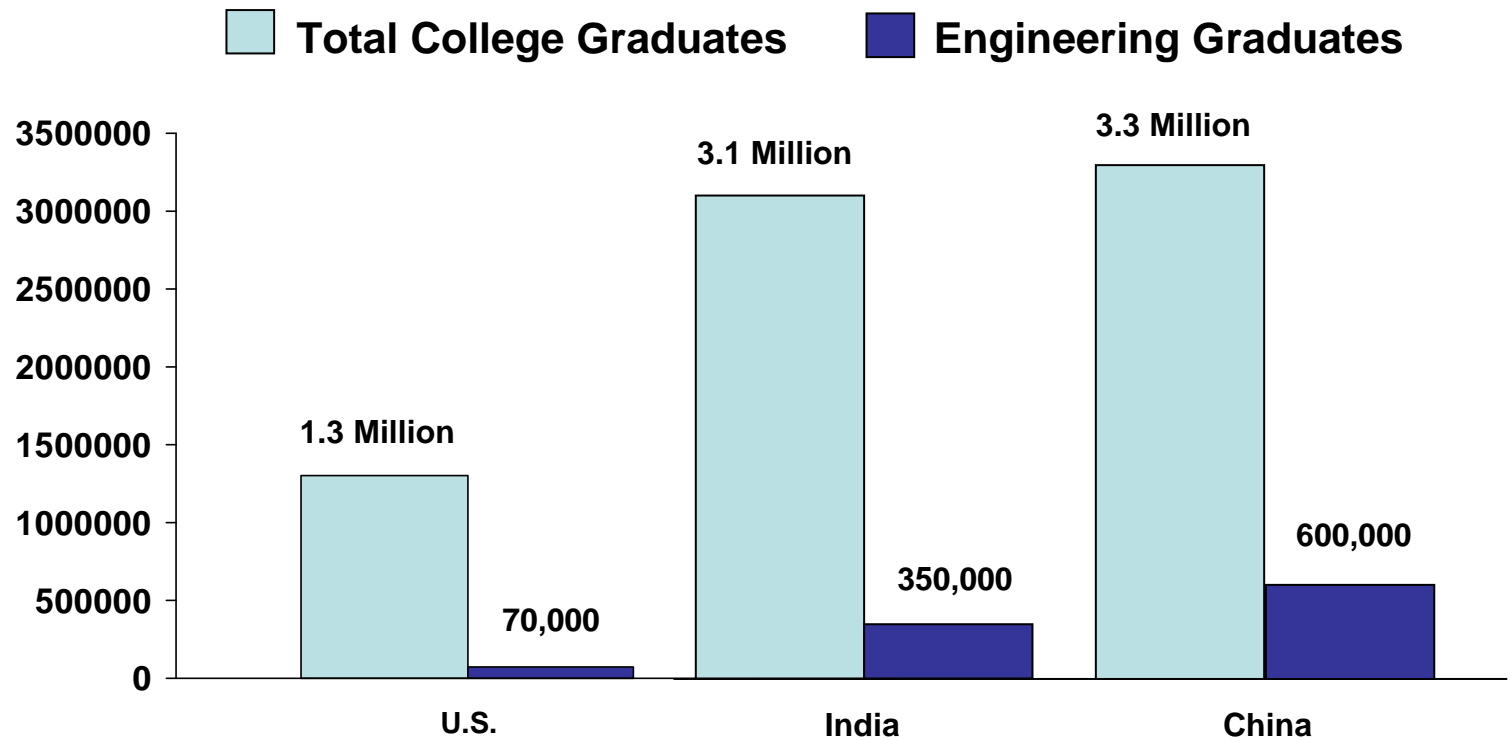
Geoffrey Colvin, *Fortune Magazine*, July 20, 2005

Differences in College Attainment (Associate and Higher) Between Young and Older Adults – U.S. and OECD Countries, 2004



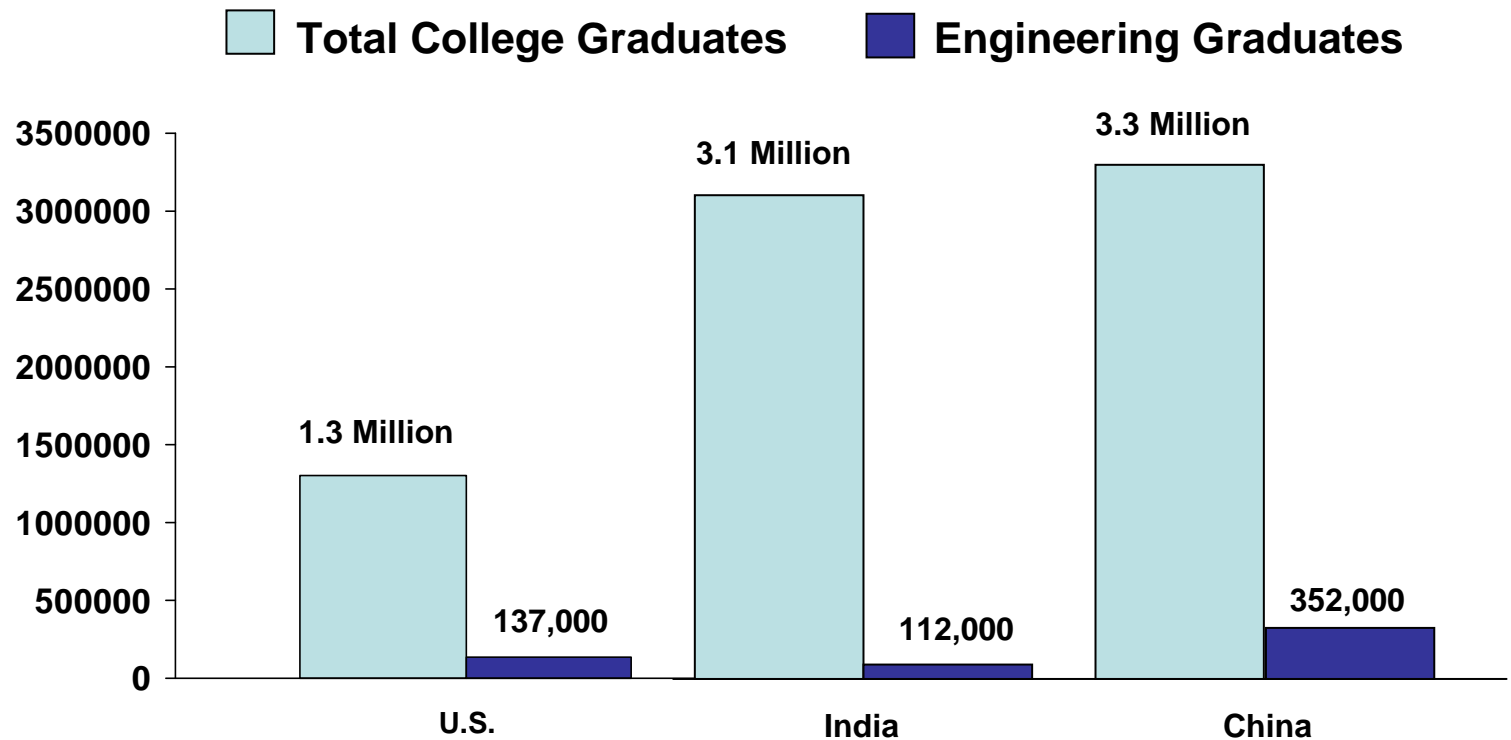
College Grads: US, India, and China

College graduates this year:



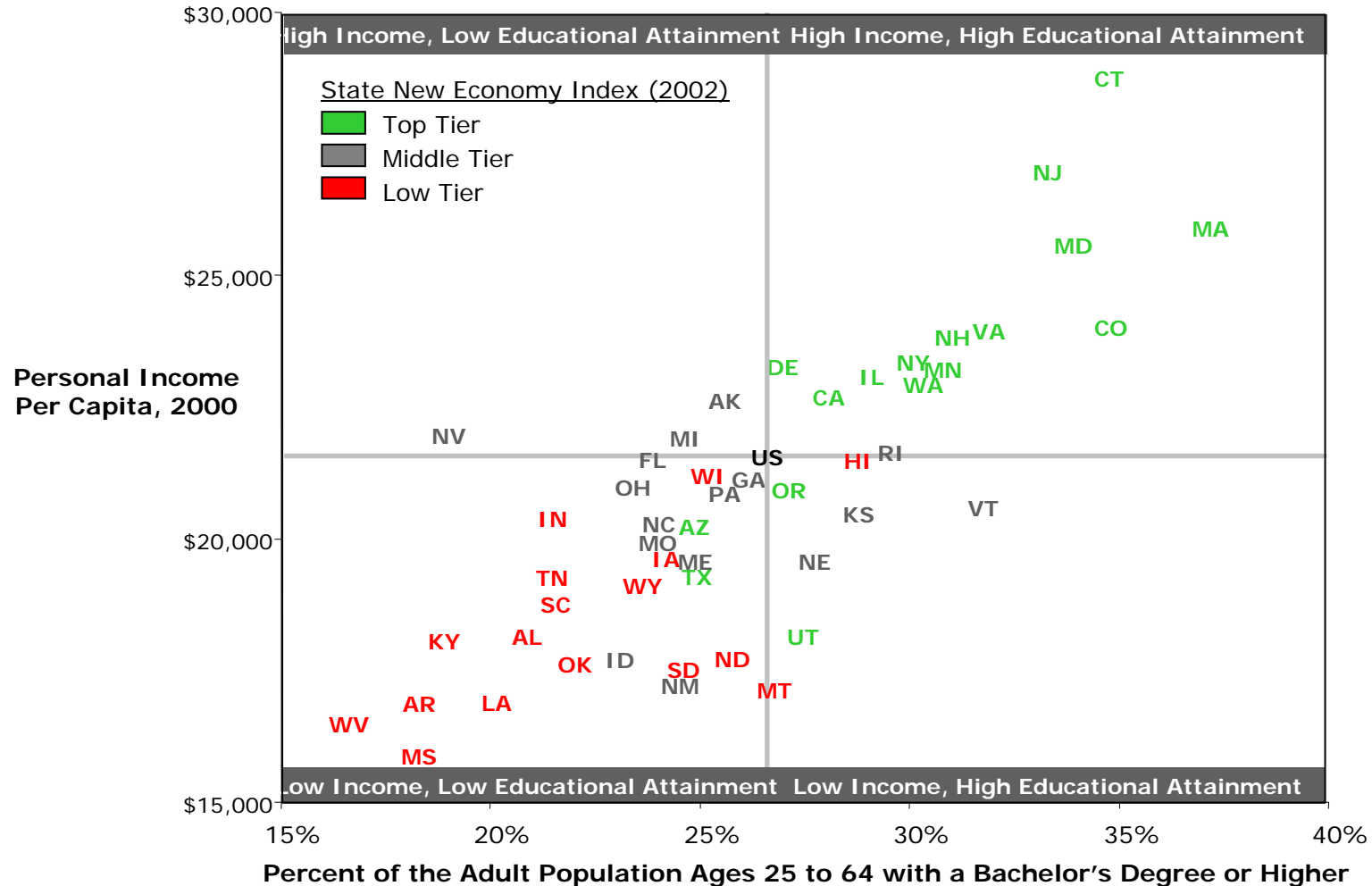
College Grads: US, India, and China

REVISED DATA : 4 year degrees



Education , Income, and Economic Strength

Educational Attainment, Personal Income, and Economic Strength



Source: Patrick Kelly, NCHEMS

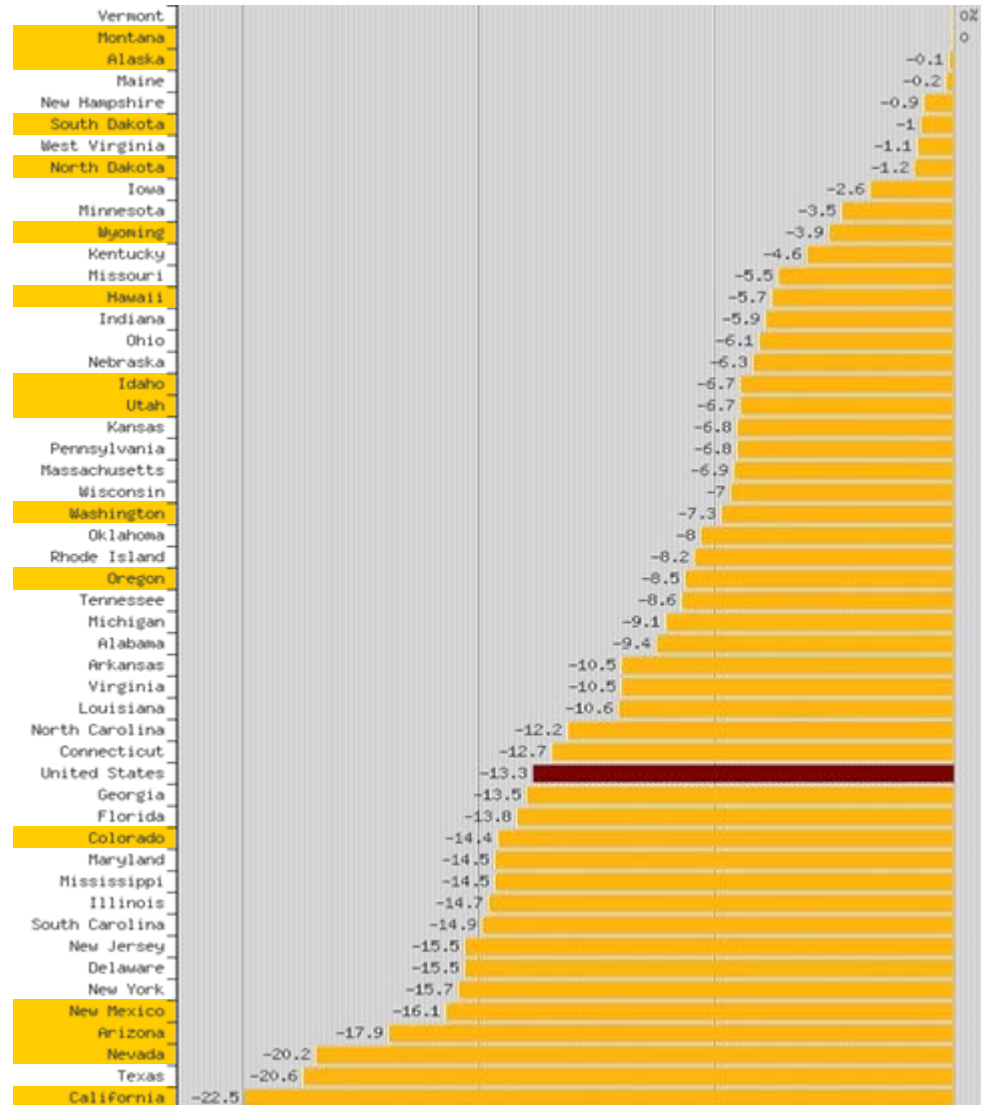
2002 High School Sophomores Plan:

- ◆ **At least a baccalaureate degree – 80%**
- ◆ **A graduate or professional degree – 40%**
- ◆ **Some postsecondary education – 11%**
- ◆ **No postsecondary education – 9%**

College Participation by SES Status

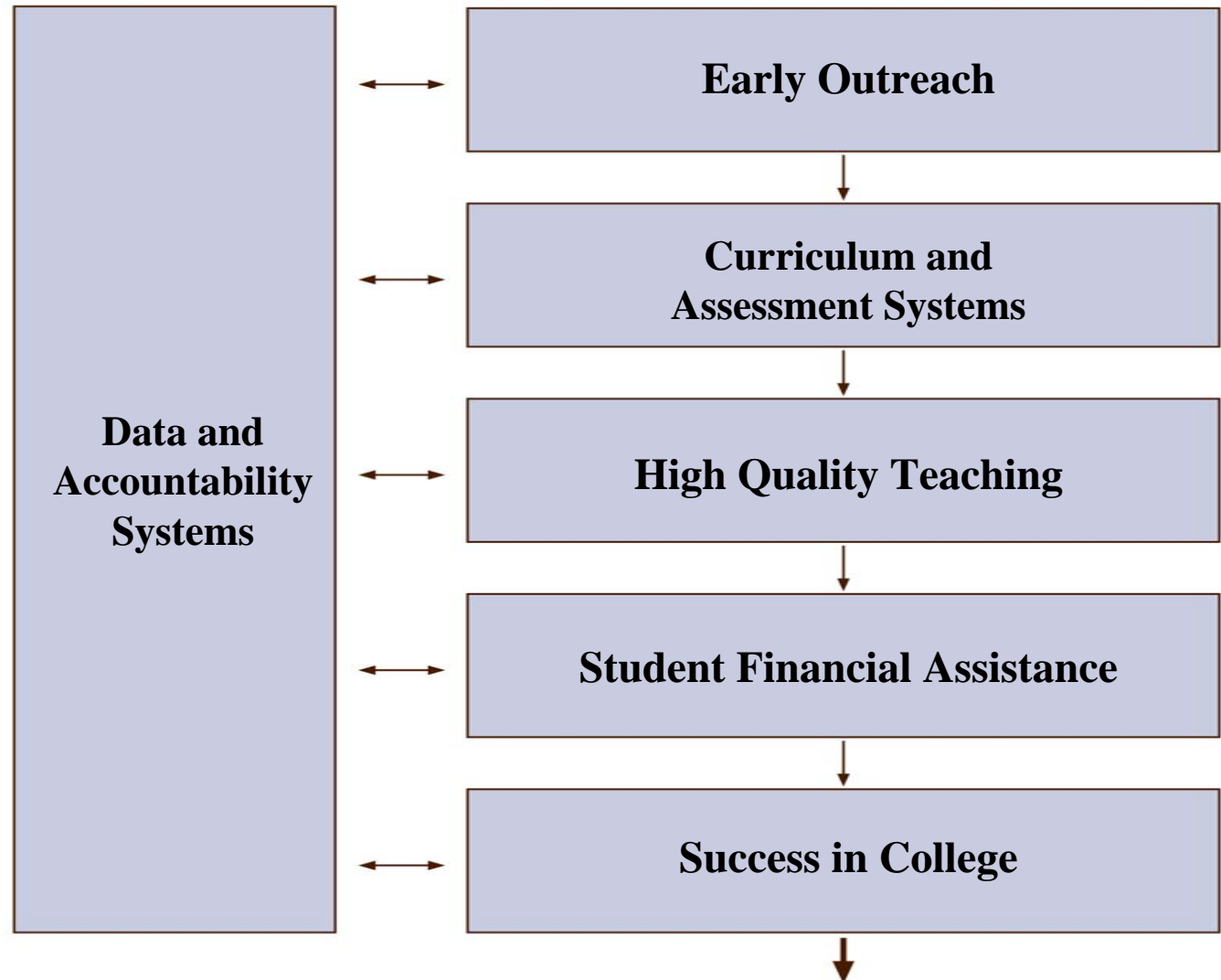
College Participation By Achievement Test and Socioeconomic Status Quartile		SES Quartile	
		Lowest	Highest
Achievement Quartile	Highest	78%	97%
	Lowest	36%	77%

Minority Representation Gap by State



Source: US Census Bureau, NCES-IPEDS Fall Enrollment and Completion Surveys

A Systemic Solution for . . .



A Systemic Solution for More Student Success

Early Outreach

High school
curriculum and
assessment
systems

K-12 teachers

Student
financial aid

Postsecondary
teaching and
learning
environments

Data and
accountability
systems

**Early outreach must
raise aspirations,
provide critical information,
and prepare students for success in
high school and beyond.**

A Systemic Solution for More Student Success

Early Outreach

High school
curriculum and
assessment
systems

K-12 teachers

Student
financial aid

Postsecondary
teaching and
learning
environments

Data and
accountability
systems

**High school curriculum and
assessment systems must
be aligned with the requirements for
success in postsecondary education
and work.**

A Systemic Solution for More Student Success

Early Outreach

High school
curriculum and
assessment
systems

K-12 teachers

Student
financial aid

Postsecondary
teaching and
learning
environments

Data and
accountability
systems

**K-12 teachers must
be well-prepared –
masters of content and
skillful in managing classrooms,
engaging students, and promoting
learning.**

A Systemic Solution for More Student Success

Early Outreach

High school
curriculum and
assessment
systems

K-12 teachers

Student
financial aid

Postsecondary
teaching and
learning
environments

Data and
accountability
systems

Student financial aid must remove
barriers,
reinforce aspirations,
provide incentives, and
enable students to focus
on academic achievement.

A Systemic Solution for More Student Success

Early Outreach

High school
curriculum and
assessment
systems

K-12 teachers

Student
financial aid

Postsecondary
teaching and
learning
environments

Data and
accountability
systems

Postsecondary teaching and learning environments must foster the success of all students with high, attainable standards; communities of learners; and effective support systems.

A Systemic Solution for More Student Success

Early Outreach

High school
curriculum and
assessment
systems

K-12 teachers

Student
financial aid

Postsecondary
teaching and
learning
environments

Data and
accountability
systems

**Data and accountability systems
must monitor student progress
throughout the system
so policymakers and educators can
improve their performance.**

Contact Information

Paul E. Lingenfelter
President, SHEEO

paul@sheeo.org

303-541-1605