

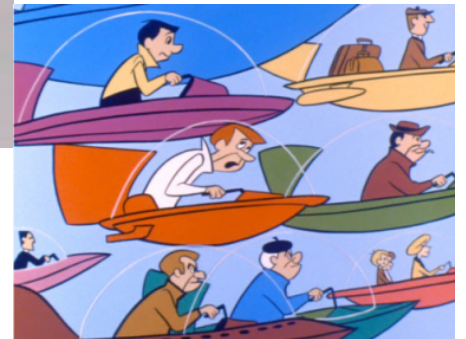
Preparing Tomorrow's Leaders

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Tomorrow

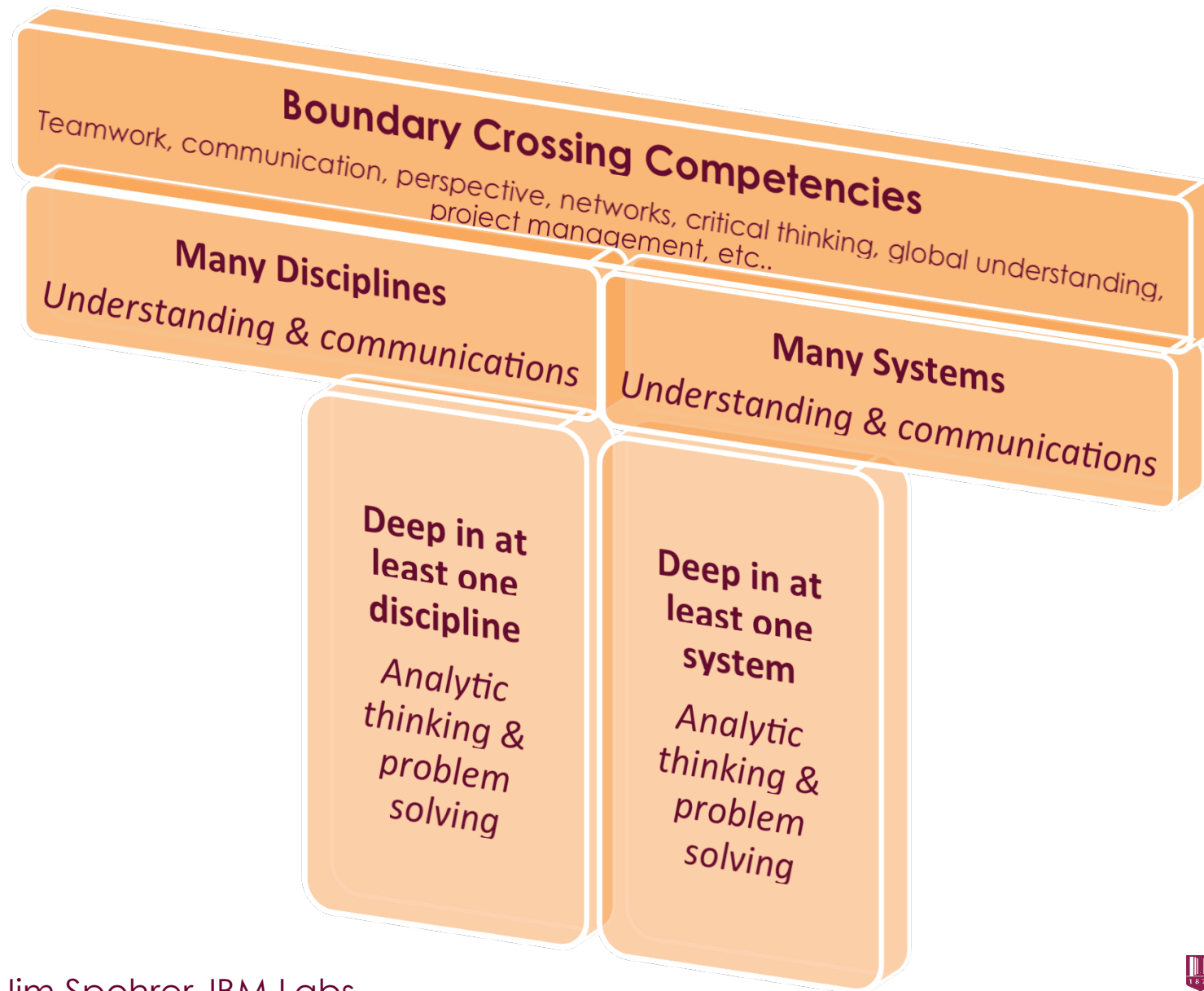


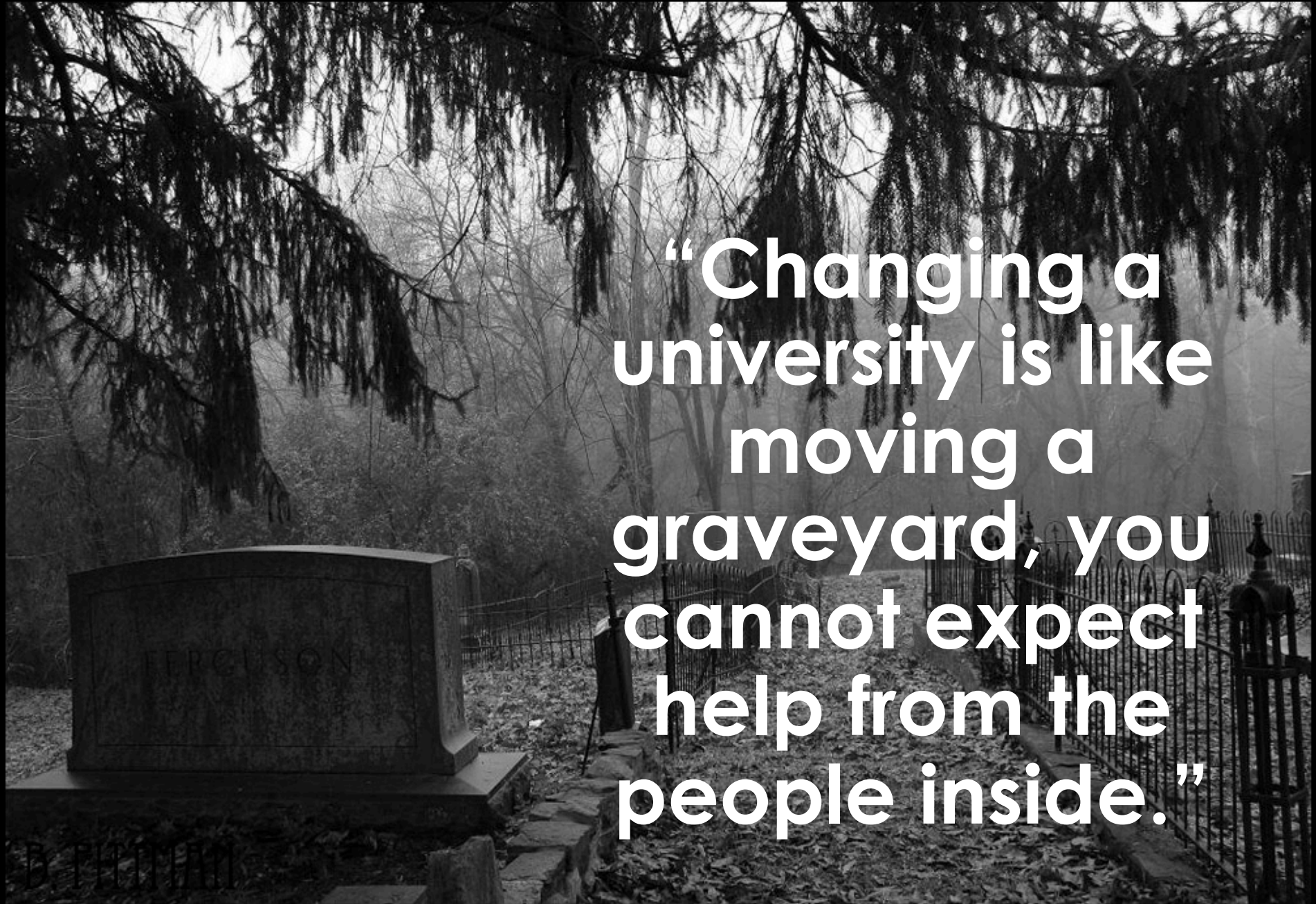
Their Tomorrow

- In the next 5 - 10 years we will no longer need:
 - IDs
 - Money
 - Credit Cards
 - Photos
 - Paper and Books
 - Classrooms
 - Organ Donors

Technological Advances

- Years to 50 Million users
 - Telephone ~75 years
 - Radio ~38 years
 - Television ~13 years
 - Internet ~4 years
 - Facebook ~3.5 years
 - iPod ~ 3 years
 - Angry Birds Space App ~35 days





“Changing a university is like moving a graveyard, you cannot expect help from the people inside.”

**“Start by doing
what’s necessary,
then what’s
possible, and
suddenly you are
doing the
impossible”.**





"I expect you all to be independent, innovative, critical thinkers who will do exactly as I say!"

Generational Disconnect

	Tradition (1933-45)	Baby Boomers (1946-1964)	Generation X (1965-1980)	Generation Y (1981-2000)
Attributes	Contributed to Family Success	Strong Home Support	LatchKey Kids	Coddled Kids
	Strong Work Ethic	Driven	Balanced Work Ethic	Sense of Entitlement
	Self-Sacrificing	Optimistic	Multi-task	Skilled Multi-taskers
	Loyal	Fight Technology or Inefficient use	Use Technology	Constant Access to Technology
	Respectful	Follow Rules	Resist Rules	Rewrite Rules
		Independent Workers	Solve Problems on Own	Prefer Working in Teams
Teaching & Learning	Prefer Classroom	Prefer Lec. & Wrkshp	Prefer Exploration	Prefer e-Learning
	Like Structure (told what they will learn)	Like to be Challenged and share experiences	Like fun Learning Environment	Like Media Centered Environment
	Utilize note-taking	Utilize books & ppt	Utilize interactive learning & question asking	Utilize software, CDs, videos, podcasts
	Learn based on memorization & extensive studying	Learn by case studies & examples	Learn by role play, experiential learning	Learn by hands-on, playing games & digital media

Tracey L. Cekada, 2012  **VirginiaTech**
Invent the Future®

**The illiterate of the 21st century
will not be those who cannot
read and write, but those who
cannot learn, unlearn, and
relearn.”**

Alvin Toffler, American futurist



1	North Carolina A&T	166
2	Georgia Tech	97
3	Prairie View	90
4	Alabama A&M	64
5	Morgan State	61
6	North Carolina State	55
7	MIT	54
8	Florida International	53
8	FAMU/FSU	53
8	Southern	53
11	Howard	51
12	University of Florida	48
13	University of Central Florida	46
14	Florida Atlantic	43
15	Maryland, College Park	42
15	Rutgers	42
17	Tuskegee	39
18	Auburn	38
18	City College of the CUNY	38
19	Missouri S&T	37
19	Jackson State	37

The Facts

- 3385 BS Degrees
- 35.7% these 21 (n=1207)
- 50.9% the 9 HBCUs
- 58.8 w/ 2 HSI

1	Puerto Rico, Mayaguez	609
2	Florida International	369
3	Polytechnic Univ. Puerto Rico	346
4	University of Texas, El Paso	217
5	Texas A&M	189
6	University of Florida	187
7	California Poly Pomona	166
8	University of Texas, Austin	163
9	University of Central Florida	146
10	Univ. of Texas, Pan American	134
11	California Poly SLO	130
12	Arizona State	120
13	Texas A&M, Kingsville	106
14	Georgia Tech	103
15	MIT	100
16	University of South Florida	89
17	Cal State, Long Beach	85
18	Univ. of Texas, San Antonio	84
19	Texas Tech	81
19	New Mexico State	81

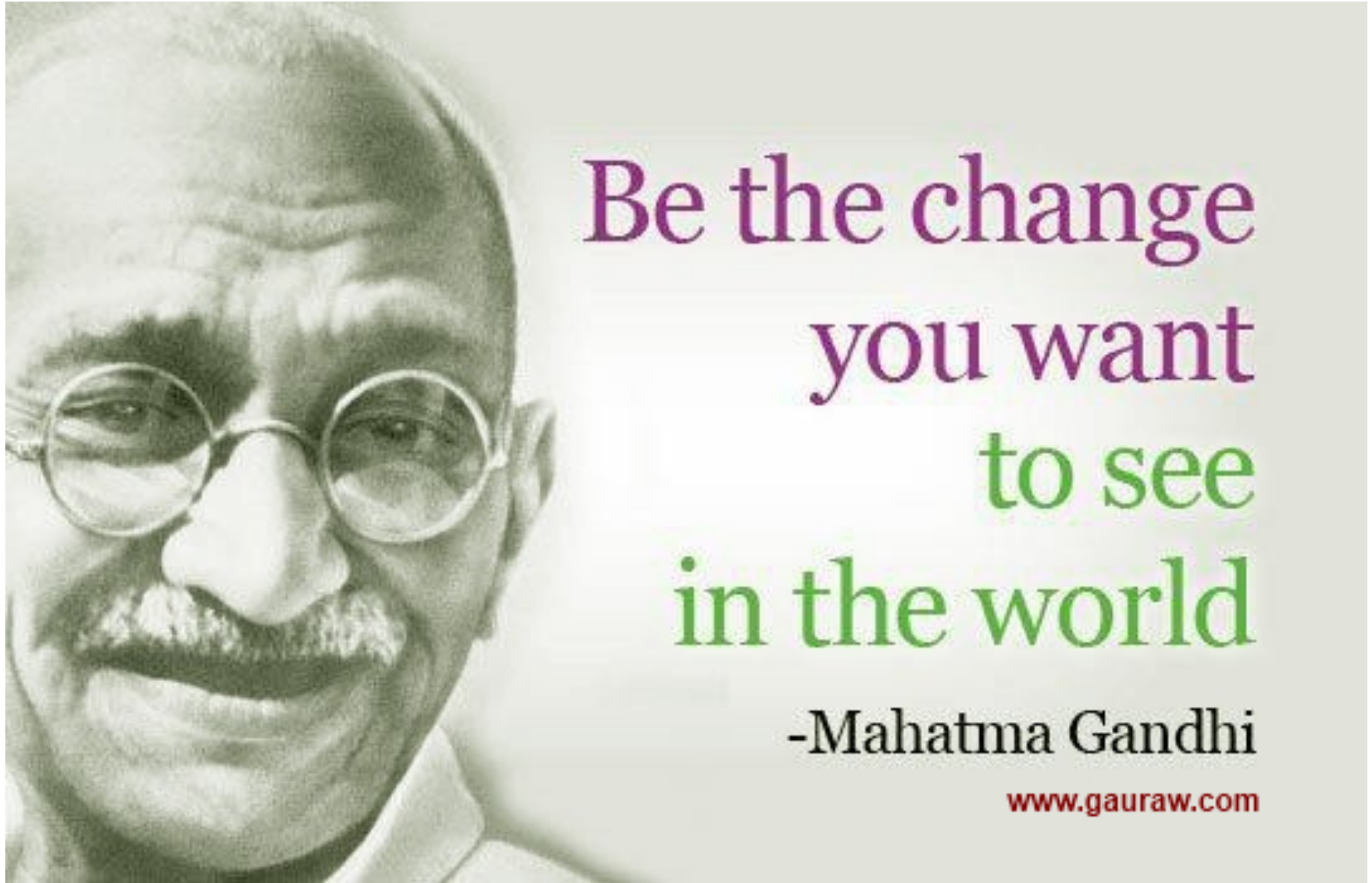
The Facts

- 7348 BS Degrees
- 47.7% these 20 (n=3505)
- 62.7% by HSIs (n=2197)

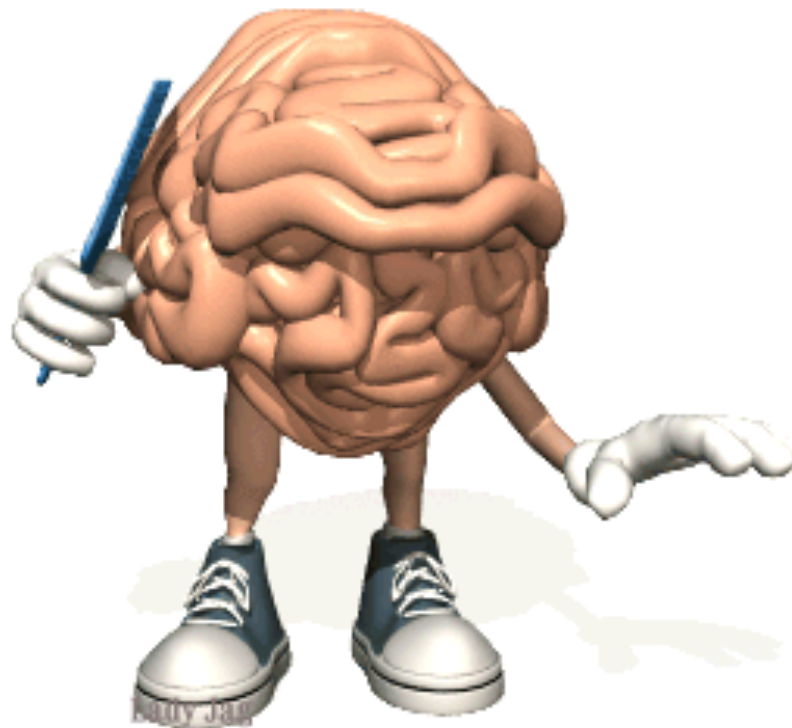
Center's Profile

17 Centers

- 61 schools are engaged
- 7 are HBCUs
- 3 are HSIs
- 1 International Institution
- 15 Schools are Involved in multiple ERCs and only 3 of these are MSI



Feel free to pick my brain ...



**We must prepare students for
jobs that don't yet exist;
using technologies that haven't
yet been invented;
in order to solve problems we
don't yet know are problems.**