

The Shifting Tides of American Higher Education: Historical Past, Present, and Future

Association of Veterinary Advancement
Professionals, July 14-15, 2015
Cambridge Marriott Hotel

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SEPTEMBER 17, 2012
Newsweek

Two
the GOP
ANTHONY AMOS



Is College a Lousy Investment?

By Megan McArdle

**JOHN
ROBERTS
HATES
SURPRISES**
BY DANIEL
KLAIDMAN

**WHAT'S THE
MATTER
WITH NAOMI
WOLF?**
BY MICHELLE
GOLDBERG



THE 50 BEST PUBLIC HIGH SCHOOLS
OUR EXCLUSIVE RANKING

Boston

IS THIS THE COLLEGE CLASSROOM OF THE FUTURE?

HOW FREE ONLINE COURSES FROM HARVARD & MIT ARE

REVOLUTIONIZING WHAT IT MEANS TO GO TO COLLEGE

PLUS

ON THE CAMPAIGN TRAIL
WITH SCOTT BROWN
& ELIZABETH WARREN

FALL FASHION:
BOLD LOOKS FOR A
CRISP NEW SEASON



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INEQUALITY

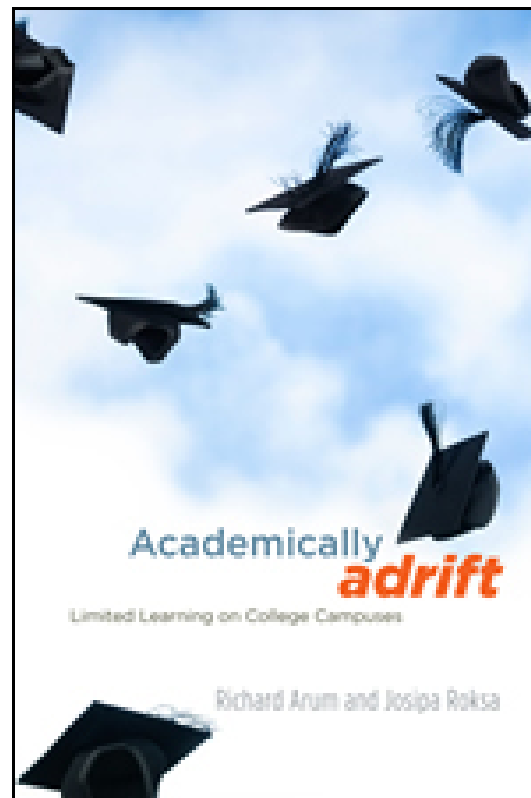
JULY 21, 2014

Don't Send Your Kid to the Ivy League

The nation's top colleges are turning our kids into zombies

Academically Adrift

LIMITED LEARNING ON COLLEGE CAMPUSES



RICHARD ARUM AND JOSIPA ROKSA

272 pages | 20 tables, 20 line drawings | 6 x 9 | © 2010

In spite of soaring tuition costs, more and more students go to college every year. A bachelor's degree is now required for entry into a growing number of professions. And some parents begin planning for the expense of sending their kids to college when they're born. Almost everyone strives to go, but almost no one asks the fundamental question posed by *Academically Adrift*: are undergraduates really learning anything once they get there?



**Higher Education? How Colleges Are Wasting
Our Money and Failing Our Kids—and What We Can Do About It
By Andrew Hacker and Claudia Dreifus
Times Books, 288 pp, \$26**

Here's something unusual: good news about the \$420 billion American higher education business. Authors Andrew Hacker and Claudia Dreifus report that, with an open mind, teenagers and their parents can find any number of surprisingly high-quality, reasonably priced colleges and universities. Forget Harvard. Arizona State, anybody?

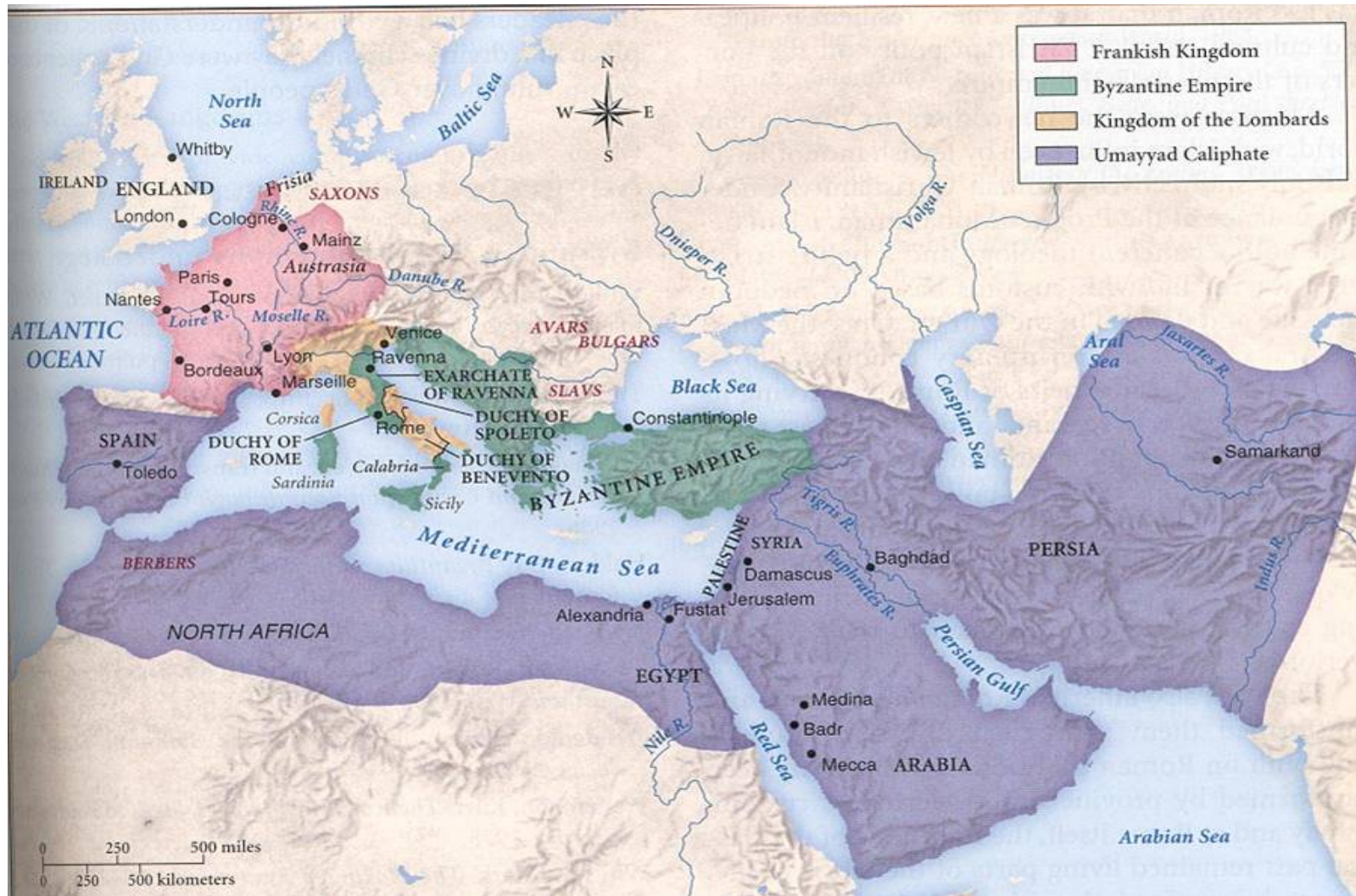
The Fall From Grace....

- “Higher Education is the key to the nation’s competitiveness.”
- “The purpose of higher education is to serve the labor market.”
- “Higher education can be blamed for the failure of the American economy.”
- “We are falling behind Singapore, Finland, and Shanghai.”

A Little History Lesson....

- Where did higher education go after Socrates?
- Not Europe, not America...

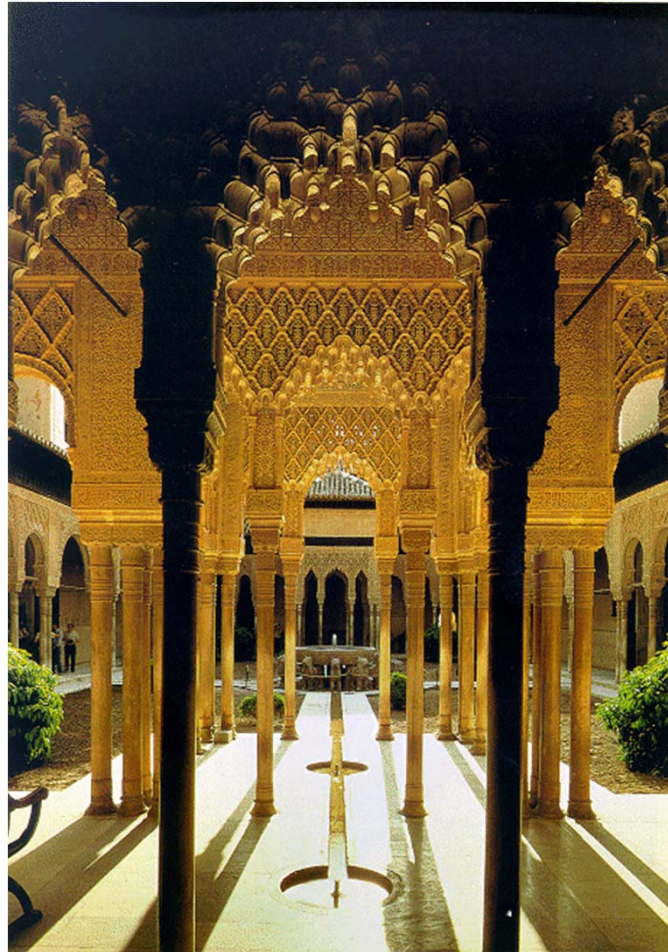
Christianity and Islam face each other in the 8th century: Whose knowledge will dominate the world?



Waterwheel in Al-Andaluz



The Alhambra in Granada



Al-Andaluz: Andalusia

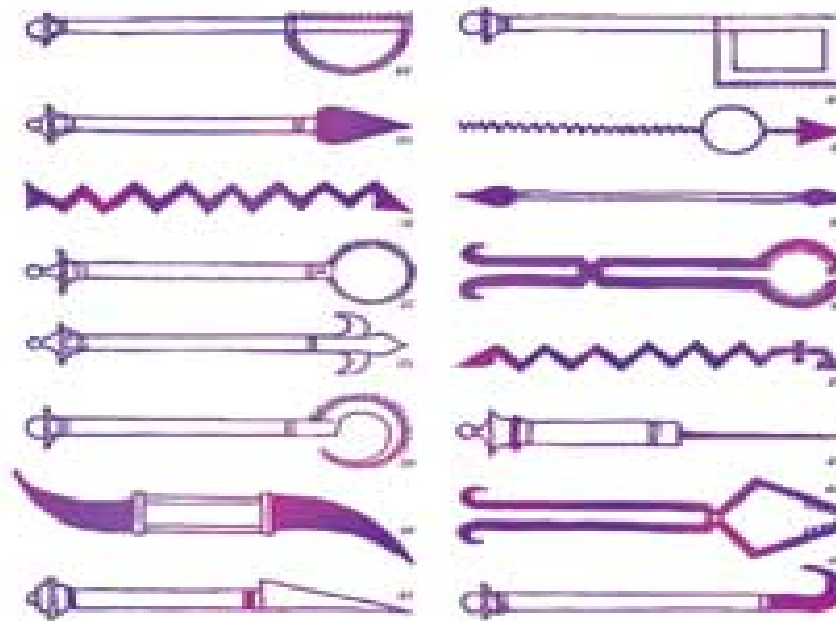


Astronomy in Muslim Spain



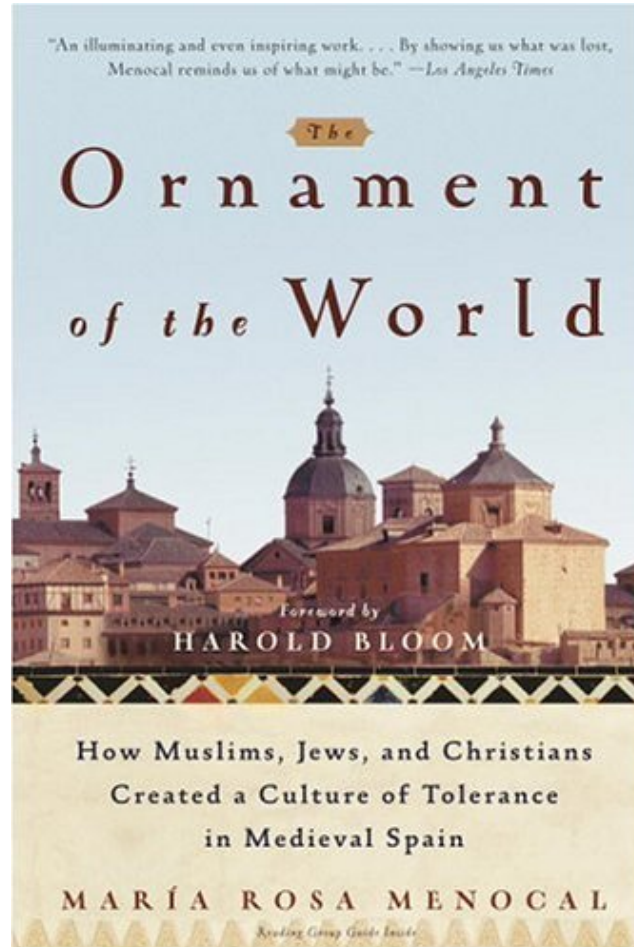
Michael Grimsdale

11th century Muslim medical instruments



Medical instruments, illustrating a book by the eleventh century Islamic physician al-Bukhari (although in a somewhat later edition), include scalpels, dental, obstetric, and other surgical instruments.

A Golden Age of Tolerance?



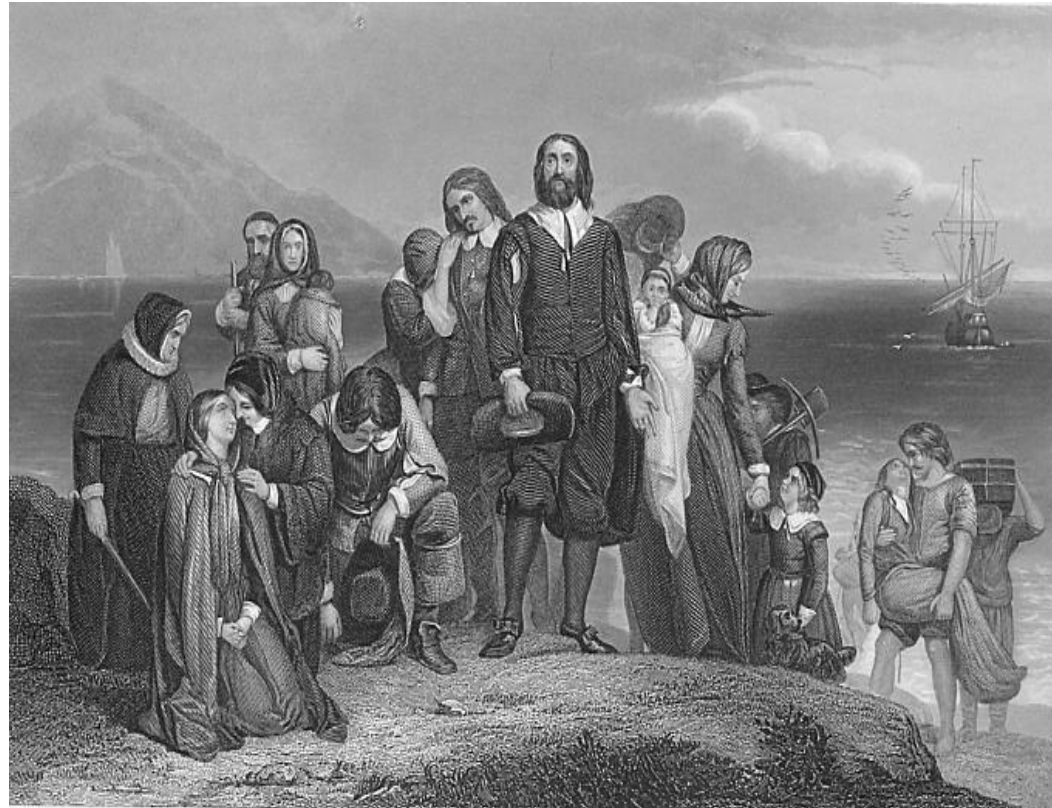
The Rise of the European Universities

Bologna: 1088	Charles: 1348
Paris: 1150	Kracow: 1364
Oxford: 1167	Vienna: 1365
Cambridge: 1209	Heidelberg: 1386
Padua: 1222	Leipzig: 1409
Naples: 1224	Freiburg: 1457
Siena: 1240	Munich: 1472
Perugia: 1308	Tuebingen: 1477
Florence: 1321	Wittenberg: 1502
Pisa: 1343	The Dominance of Germany
The Dominance of Italy	

Who are the Faculty?

Copernicus	The European Renaissance: Europe Leads the Way in Research
Kepler	Teachers? Technology?
Newton	
Luther	
Galileo	
Kant	
Descartes	

1620: The Pilgrims Seek Religious Freedom in the New World



Mary Dyer: English, Protestant, Quaker: Hanged on the Boston Common, 1660



The American Puritan Theocracy: The 17th Century

Protestants vs. Protestants

- Harvard: Congregationalists
- Yale: Calvinists
- Brown: Baptists
- Princeton: Evangelical Presbyterians
- William & Mary: Anglicans
- (A few Catholics: Georgetown, 1789)
- The Salem Witch Hangings, 1692: "The Devil is alive in New England"

A Few Methodist Faith-based Colleges...Hundreds More!

<u>Central Wesleyan College</u>	1864	<u>North Carolina Wesleyan College</u>	1956
<u>Dakota Wesleyan University</u>	1885	<u>Ohio Wesleyan University</u>	1842
<u>Genesee Wesleyan Seminary</u>	1831 - 1942	<u>Oklahoma Wesleyan University</u>	1909
<u>Illinois Wesleyan University</u>	1850	<u>Roberts Wesleyan College</u>	1945
<u>Indiana Wesleyan University</u>	1920	<u>Southern Wesleyan University</u>	1906
<u>Iowa Wesleyan College</u>	1843	<u>Tennessee Wesleyan College</u>	1857
<u>Kansas Wesleyan University</u>	1886	<u>Texas Wesleyan University</u>	1890

1800-1860: Colleges Adrift: Three Presidents Speak

“Students are drunken, rowdy, and violent.
Faculty sleep with pistols under their pillow.”

“Can we not find some student who can
read and write an entire sentence?”

“To teach college is little else than sitting still
and doing nothing.”

The Rise of the State Universities

The Morrill Acts of 1862 and 1890

- Vocationalism: Agriculture, Mining, and Industry...and here come the Vet schools!
- Defending the Country
- Whites and Blacks still separate
- Changing the Face of Higher Education in America

Private Wealth and the Research University

- Cornelius Vanderbilt
- John D. Rockefeller
- Andrew Carnegie
- The Mellon Family
- Ezra Cornell
- Johns Hopkins
- Leyland Stanford
- James Duke

Building on the Germans: The Research University

- Johns Hopkins: 1876
- University of Chicago: 1892
- Clark University: 1887
- Latecomers: Harvard, Yale, Princeton, University of Michigan, University of California, and others
- A new degree: “This Ph.D. octopus will strangle teaching.”—William James, 1902

1900-1940: Who Goes to College in America?

“The colleges of liberal arts are partly high school, partly university, frequently look like teacher training institutions, frequently look like nothing at all. The degree that they offer seems to certify that the student has passed an uneventful period without violating any local, state, or federal law...there are fine buildings, green grass, good food, and exercise for anybody. You will note that they are exactly what is advertised by every resort hotel.” – Robert Maynard Hutchins, President, University of Chicago, 1936

The Popular View of American Higher Education (1932)



Kick-off Culture: Dominance of Football, 1900--

- Harvard Stadium: 1903
- Rose Bowl: 1903
- Yale Bowl: 1913
- Stadiums at Michigan, Illinois, Wisconsin, Pasadena, CA: 50-80,000
- BIG-TEN permits professionals
- “One and Done”: D-I in 2015: The NCAA

The Closing of the Doors: Sacco and Vanzetti, 1920



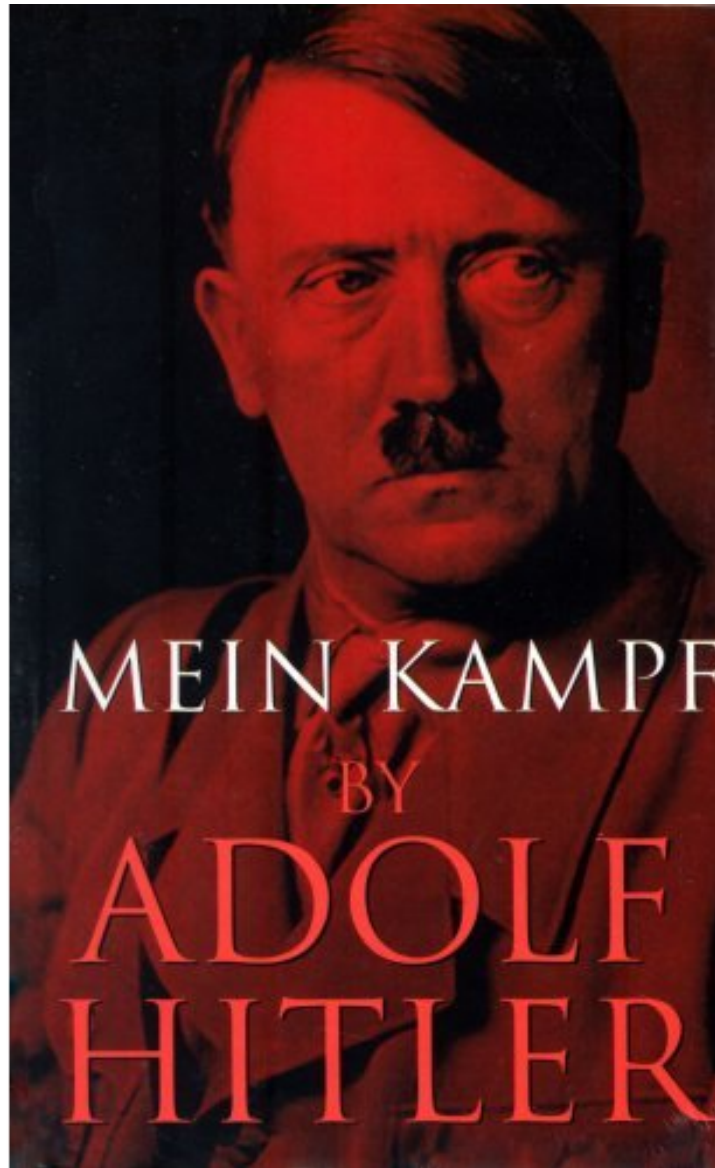
Shutting the Doors

- “I find more and more the foreign element is creeping in now...How can we get boys of American parentage to come to college?”—Dean Frank Wren, Tufts, 1918
- “We do not like to have boys of Jewish parentage at Bowdoin.”—Dean Sills (soon to be President, 1918-1953)

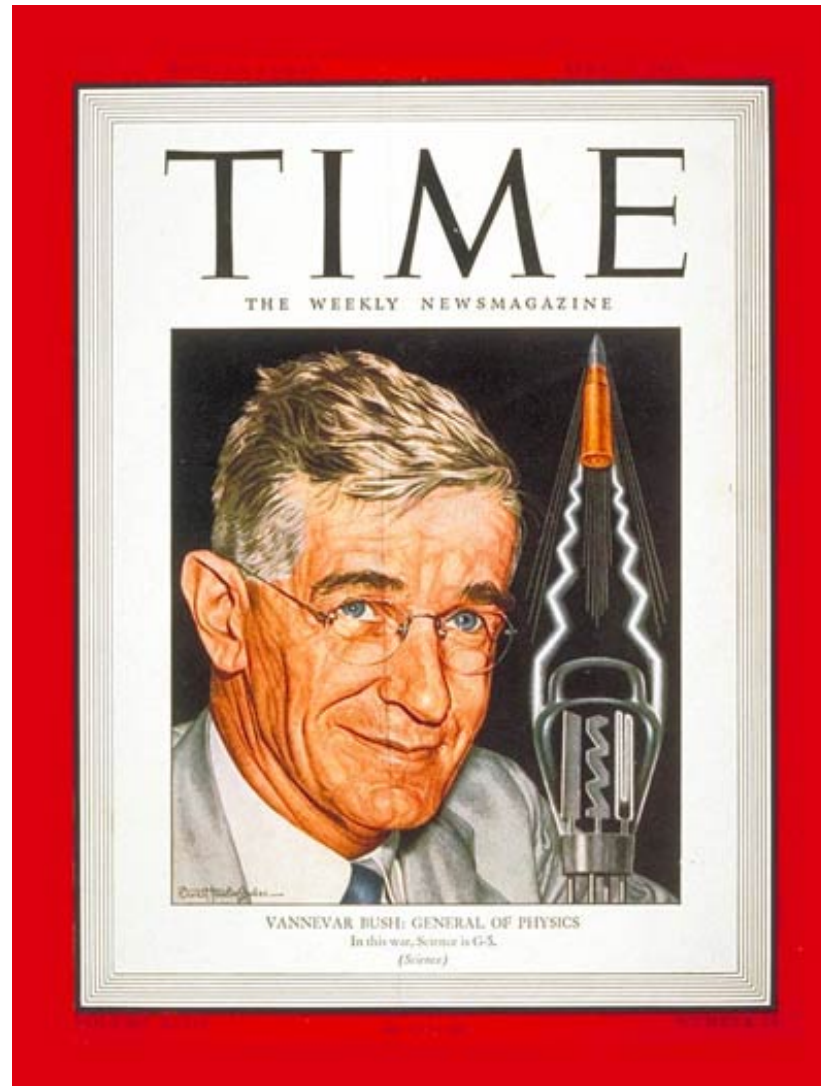
Adolf Hitler, 1933: German National Socialism: Naziism, Fuehrer



From Nobel Dominance to Racial Science: 1933-1945



America Takes Charge of Higher Education: 1939-1945

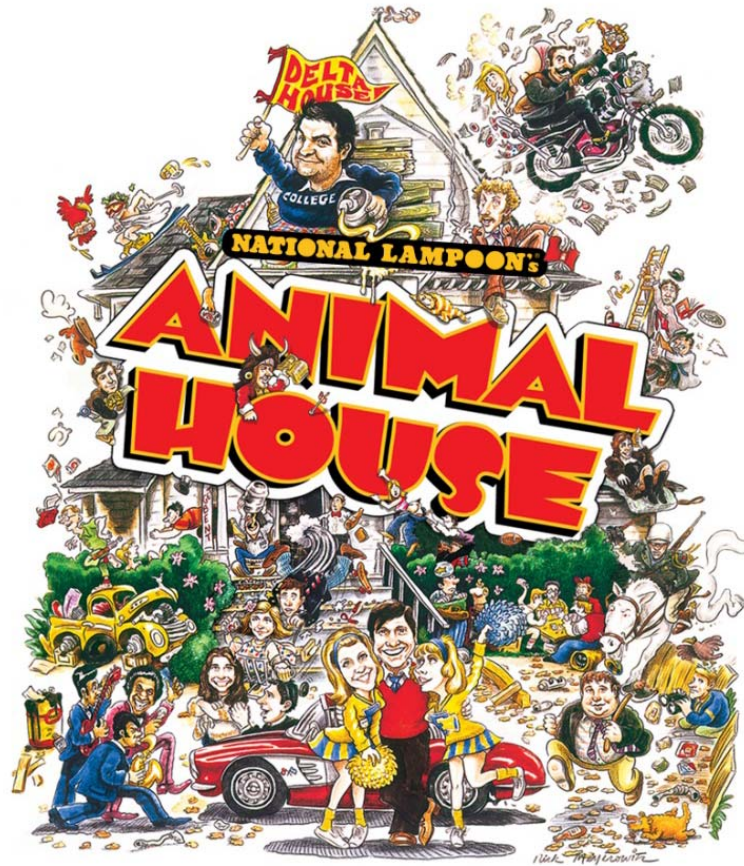


“The Golden Age” of American Higher Education, 1945-1975

How did it happen?

- GI Bill
- National Science Foundation: NSF
- National Institutes of Health: NIH
- Opening the doors for future Nobels
- The end of college quotas
- The Community College system: 1500 more; CA+SUNY: 4000 institutions of h.e....and tenure!

The Silver Age of American Higher Education: 1975 -



Losing Faith...

T H E
CLOSING
OF THE
AMERICAN
M · I · N · D

HOW HIGHER EDUCATION HAS FAILED
DEMOCRACY AND IMPOVERISHED
THE SOULS OF TODAY'S STUDENTS

ALLAN BLOOM

"An incisive and convincing indictment that deserves to be read by anyone concerned about the future of American higher education."

—THE NEW YORK TIMES BOOK REVIEW—

PROF SCAM
















Parents
and Students:
Are You Being
Cheated by
the College of
Your Choice?

P R O F E S S O R S A N D
T H E D E M I S E O F
H I G H E R E D U C A T I O N

CHARLES J. SYKES

AUTHOR OF A NATION OF VICTIMS

Still: The Envy of the World

Ranking Methodology Statistics					
World Rank	Institution*	Country /Region	National Rank	Total Score	Score on Alumni
1	Harvard University		1	100	100
2	Stanford University		2	72.1	41.8
3	Massachusetts Institute of Technology (MIT)		3	70.5	68.4
4	University of California-Berkeley		4	70.1	66.8
5	University of Cambridge		1	69.2	79.1
6	Princeton University		5	60.7	52.1
7	California Institute of Technology		6	60.5	48.5
8	Columbia University		7	59.6	65.1
9	University of Chicago		8	57.4	61.4
9	University of Oxford		2	57.4	51
11	Yale University		9	55.2	48.8
12	University of California, Los Angeles		10	51.9	30.2
13	Cornell University		11	50.6	37.6
14	University of California, San Diego		12	49.3	19.7
15	University of Washington		13	48.1	21.7

...and what about Tufts?

- A Tale of Thirteen Presidents.....and one who wanted a Veterinary School....
- Presidential Leadership in America: Unique in the world...

What is Your Authentic DNA?

Doctorate-granting Institutions(2012):

- U.C. Berkeley: 864
- Stanford: 706
- Harvard: 694
- MIT: 573
- Cornell: 503
- Chicago: 401
- Tufts(2013, most ever): 143

A Final Word....

- The Mythology of Golden Ages....
- “Schools ain’t what they used to be, and probably never were...” –Will Rogers
- Who will lead? Who will pass the USA?
....No one, and here’s why....
- ...and your university?