

Undergraduate Origins of Doctorate Recipients

April, 2011



GRINNELL COLLEGE

The National Science Foundation, along with several other federal agencies, sponsors a project called the *Survey of Earned Doctorates* (SED). The survey is conducted annually to collect information about people earning doctorates at universities in the United States. Professional degrees (J.D., M.D., D.D.S., O.D., D.V.M., etc.) are not covered by this survey.

The Higher Education Data Sharing (HEDS) Consortium periodically obtains data from the SED to analyze the baccalaureate origins of doctorate recipients. For each undergraduate institution, HEDS calculates (estimates) the percentage of graduates who go on to earn doctoral degrees.

The following information is based on the HEDS *Weighted Baccalaureate Origins Study* (made available March, 2010). The national rankings of the undergraduate institutions of origin are for doctorates earned between 1997 and 2006 (i.e., 10-year time frame). There were 1,306 colleges and universities listed as origin institutions.

Top 20 Institutions: Ph.D. Productivity Relative to Institutional Size, 1997-2006

California Institute of Technology.....	# 1
Harvey Mudd College.....	# 2
Reed College.....	# 3
Swarthmore College.....	# 4
Massachusetts Institute of Technology.....	# 5
Carleton College.....	# 6
Grinnell College.....	# 7
Bryn Mawr College.....	# 8
University of Chicago.....	# 9
Oberlin College.....	# 10
Cleveland Institute of Music.....	# 11
Harvard University.....	# 12
Princeton University.....	# 13
Yale University.....	# 14
Haverford College.....	# 15
Pomona College.....	# 16
St John's College (Annapolis, MD).....	# 17
Rice University.....	# 18
Williams College.....	# 19
Amherst College.....	# 20

Doctoral Degrees Obtained by Grinnell Graduates, 1997-2006

- For its size, Grinnell College produces a proportionately large number of Ph.D.s, ranking 7th among all U.S. institutions.
- Adjusted for institutional size, Grinnell ranks particularly high nationally in the production of:
 - Anthropologists (3rd)
 - Agricultural scientists (8th)
 - Biological scientists (11th)
 - Chemists (12th)
 - Economists (2nd)
 - Foreign language doctorates (2nd)
 - Historians (16th)
 - Political Science and Public Administration doctorates (16th)
 - Physicists (16th)
 - Psychologists (6th)
 - Religion and Theology doctorates (14th)
 - Sociologists (8th)

The tables on the following pages provide national rank data for selected disciplines. The ranks are based on the proportion of graduates who earn doctoral degrees. Schools ranked near Grinnell on these Ph.D. productivity statistics are provided for context.

Agriculture Sciences

Cornell University.....	# 3
Alabama A&M University.....	# 4
Dordt College.....	# 5
South Dakota State University.....	# 6
Carleton College.....	# 7
Grinnell College.....	# 8
Iowa State University.....	# 9
Kansas State University.....	# 10
Texas A&M University.....	# 11
Kalamazoo College.....	# 12
Humboldt State University (CA).....	# 13

English & Literature

University of Chicago.....	# 25
Bard College.....	# 26
Scripps College.....	# 27
Columbia University.....	# 28
Hendrix College.....	# 29
Earlham College.....	# 30
Grinnell College.....	# 31
Brown University.....	# 32
Smith College.....	# 33
Hampshire College.....	# 34
Wellesley College.....	# 35

Foreign Languages

Bryn Mawr College.....	# 1
Grinnell College.....	# 2
Amherst College.....	# 3
Bard College.....	# 4
Carleton College.....	# 5
Kalamazoo College.....	# 6
Harvard University.....	# 7
Middlebury College.....	# 8
Goucher College.....	# 9
Columbia University.....	# 10
Haverford College.....	# 11

History

Haverford College.....	# 11
Princeton University.....	# 12
Hampshire College.....	# 13
Harvard University.....	# 14
Macalester College.....	# 15
Grinnell College.....	# 16
Columbia University.....	# 17
Brown University.....	# 18
Wellesley College.....	# 19
Lawrence University.....	# 20
Cleveland Institute of Music.....	# 21

Engineering

United States Naval Academy.....	#64
Virginia Military Institute.....	#65
Tuskegee University.....	#66
Trinity University.....	#67
Clemson University.....	#68
Grinnell College.....	#69
Tri-State University (IN).....	#70
Ohio Northern University.....	#71
Iowa State University.....	#72
University of California Davis.....	#73
Bucknell University.....	#74

Religion & Theology

St Olaf College.....	# 9
Amherst College.....	# 10
Olivet Nazarene University.....	# 11
Cumberland College.....	# 12
Gordon College.....	# 13
Grinnell College.....	# 14
Bryan College.....	# 15
Northwestern College.....	# 16
Princeton University.....	# 17
Whitworth College.....	# 18
Biola University.....	# 19

Biological Sciences

University of Chicago.....	# 6
Stanford University.....	# 7
Carleton College.....	# 8
Haverford College.....	# 9
Earlham College	# 10
Grinnell College	# 11
Harvard University.....	# 12
Johns Hopkins University.....	# 13
Rice University.....	# 14
Princeton University.....	# 15
Yale University.....	# 16

Chemistry

Harvey Mudd College.....	# 7
College of Wooster.....	# 8
Kalamazoo College.....	# 9
Transylvania University.....	# 10
Massachusetts Institute of Technology.....	# 11
Grinnell College	# 12
Franklin and Marshall College.....	# 13
Texas Lutheran University.....	# 14
Furman University.....	# 15
Kentucky Wesleyan College.....	# 16
Bryn Mawr College.....	# 17

Education

Berry College.....	#93
Delta State University.....	#94
College of William and Mary.....	#95
University of Puerto Rico Rio Piedras Campus.....	#96
Abilene Christian University.....	#97
Grinnell College	#98
Pacific Union College.....	#99
Catawba College.....	#100
Texas A&M University.....	#101
Taylor University.....	#102
Southern Nazarene University.....	#103

Physics

Case Western Reserve University.....	# 11
Whitman College.....	# 12
Colorado School of Mines.....	# 13
Rose-Hulman Institute of Technology.....	# 14
Swarthmore College.....	# 15
Grinnell College	# 16
Yale University.....	# 17
Williams College.....	# 18
Gustavus Adolphus College.....	# 19
University of Rochester.....	# 20
University of Dallas.....	# 21

Psychology

Spelman College.....	# 1
Bryn Mawr College.....	# 2
Pomona College.....	# 3
Barnard College.....	# 4
Swarthmore College.....	# 5
Grinnell College	# 6
Wellesley College.....	# 7
Vassar College.....	# 8
Wesleyan University.....	# 9
Hendrix College.....	# 10
Southwestern University.....	# 11

Medical Sciences

University of Rochester.....	#24
Pomona College.....	#25
Butler University.....	#26
Amherst College.....	#27
Spelman College.....	#28
Grinnell College	#29
University of California Berkeley.....	#30
University of North Carolina at Chapel Hill.....	#31
Morgan State University.....	#32
Cornell University.....	#33
St. Olaf College.....	#34

Anthropology

Bryn Mawr College.....	# 1
Beloit College	# 2
Grinnell College	# 3
Reed College.....	# 4
University of Chicago.....	# 5
Pomona College	# 6
Wesleyan University.....	# 7
Marlboro College	# 8
Haverford College.....	# 9
Harvard University	# 10
Vassar College	# 11

Economics

Swarthmore College	# 1
Grinnell College	# 2
Carleton College.....	# 3
Harvard University	# 4
Williams College	# 5
California Institute of Technology	# 6
Macalester College	# 7
Massachusetts Institute of Technology	# 8
Princeton University.....	# 9
University of Chicago.....	# 10
Amherst College	# 11

Political Science & Public Administration

Amherst College.....	# 11
Colby College	# 12
United States Air Force Academy	# 13
Stanford University.....	# 14
Yale University.....	# 15
Grinnell College	# 16
Smith College	# 17
Dartmouth College.....	# 18
University of the South	# 19
Carleton College.....	# 20
Middlebury College.....	# 21

Sociology

Oberlin College	# 3
Wesleyan University	# 4
Southwestern University	# 5
University of Chicago.....	# 6
Bryn Mawr College.....	# 7
Grinnell College	# 8
Wells College	# 9
Brown University	# 10
Pomona College	# 11
Hamline University	# 12
Harvard University	# 13

Business & Management

Wabash College.....	# 10
University of Pennsylvania.....	# 11
Claremont McKenna College	# 12
United States Air Force Academy	# 13
Yale University.....	# 14
Grinnell College	# 15
Carnegie Mellon University	# 16
Princeton University.....	# 17
Stanford University.....	# 18
United States Military Academy.....	# 19
Beloit College	# 20