

2001-2002 Survey of Doctoral Programs in Communication: Examining the Pipeline to Journalism & Mass Communication Faculties

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Executive Summary

- About 15% of the domestic doctoral degree recipients from the nation's communication and mass communication doctoral programs in 2000-2001 were members of racial or ethnic minorities. The percentage matches that for minority faculty members already holding positions in journalism and mass communication programs around the country.
- Even if journalism and mass communication programs were able to hire all the minorities who graduated from the nation's communication programs—63 individuals in 2000-2001—it would change the percentage of minority faculty members by only seven-tenths of a percent.
- At that rate of growth, it will be more than 20 years before journalism and mass communication faculty reach parity with the U.S. population in 2000 in terms of racial and ethnic diversity. The target is shifting, however, as the U.S. population is getting more diverse each year.
- Doctoral programs housed in journalism and mass communication are a bit more diverse than communication programs generally.
- About one in five of the students in communication doctoral programs comes from outside the United States, and many of these remain in the U.S. after graduation. In 2000-2001, about half took positions in the U.S., mostly at American universities.
- Most doctoral students studying in the field of communication are from China and Korea, meaning that their contribution to the diversity of journalism and mass communication is largely concentrated in one sector.
- Just more than half of the doctoral degrees granted by the nation's communication programs were to women. If all the hiring in the next year by journalism and mass communication programs were of women—which is possible, given the numbers being produced—the faculty would only become about 3% more female and still be considerably lower than parity.
- Not all graduates of doctoral programs in communication take university jobs when they graduate. In 2000-2001, an estimated one in 10 of the domestic graduates took corporate or other non-academic research positions or a teaching job outside the U.S.

Methods

The population of the schools to be surveyed was derived from the list of schools participating in the 2000 *Annual Survey of Journalism & Mass Communication Enrollments* with a doctoral program and the National Communication Association's Index of Doctoral Programs in Communication.¹ All programs participating in the *Annual Survey of Journalism & Mass Communication Enrollments* that reported offering a doctoral degree were included in the population. All programs on the NCA listing also were included, for a total of 93 programs.

In November 2001, a questionnaire was mailed to the director of the graduate program of each of these doctoral programs. The questionnaire asked respondents to indicate the number of students admitted on the average year, the number admitted for the 2001-2002 academic year, and the number of degrees granted in the 2000-2001 academic year. Participants also were asked to classify newly admitted students, currently enrolled students, and degree recipients in 2000-2001 by race and ethnicity and gender. Finally, participants were asked to indicate the type of job taken by 2000-2001 degree recipients.

Subsequent mailings of the same questionnaire were sent to non-responding programs in January and February 2002. Those not responding after the third mailing were contacted by telephone and E-mail in April and May and asked to complete the questionnaire.²

Of the 93 programs, eight were eliminated because the respondent indicated the program was no longer active or did not offer a communication degree. Of the remaining 85 programs, returned questionnaires were obtained from 68, or 80.0%. Three program directors specifically refused to participate. These were the program directors for the Department of Communication Studies at Northwestern University, for the Annenberg School for Communication at the University of Pennsylvania, and for the Department of Speech Communication at Texas A&M University. The other 14 administrators simply ignored repeated pleas for assistance. Nonresponding programs were most often communication or speech communication programs, rather than mass communication programs.

For the schools that did not respond, IPEDS (Integrated Postsecondary Education Data System) data on degrees granted and characteristics of degree recipients for the 2000-2001 academic year were used for those characteristics of the programs. No data replacement techniques were used for the other measures.

¹<http://www.natcom.org/ComProg/gpdhtm/gpindexdocst.htm>. This webpage has been replaced with a new graduate program search tool (www.natcom.org/ComProg/gpdhtm/Scripts/GradDir2.htm).

²Special thanks is given to Becca Martin and Summer Saunders, University of Georgia graduate students who worked as research assistants on this project.

Findings in Detail

Table 1 lists the 85 doctoral programs included in the survey, the university at which they are based and the unit administering the program. The eighty-five doctoral programs included in the survey are distributed all around the country. Only 12 states do not have a doctoral program at one of their universities. Illinois, New York and Pennsylvania each have six communication doctoral programs. Ohio has five programs, as does Texas, where four of the programs are in the College of Communication at the University of Texas at Austin. California, Florida, Indiana and Michigan all have four programs.

Table 1 designates the 68 programs that participated in the survey and the 17 that did not. For those programs that did not participate, data on degrees granted were obtained from the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS). Each university in the United States that receives federal funding is required to file a report on the degrees granted. In the autumn of 2001, universities were required to file electronically data on degrees granted from July 1, 2000, through June 30, 2001. Degrees granted were to be classified by race/ethnicity of recipient and gender. In filling information on degrees granted, universities must classify those degrees by field of study, using a Classification of Instructional Program (CIP) code. This code contains 14 different categories in the field of communication.

The IPEDS report for 2000-2001 contained 85 different doctoral filings in the field of communication (**Table 2**). Thirty-eight of the listings were for "Communications, General." Two were for "Advertising." Five were for "Journalism." Six were for "Mass Communications." Two were for "Journalism and Mass Communication, Other." Three were for "Radio and Television Broadcasting." Six were "Communications, Other." One was in "Radio and Television Broadcasting Technology." Twenty-two were in "Speech and Rhetorical Studies."

The 85 listed programs match imperfectly with the 85 programs included in the population for the doctoral survey. In fact, the IPEDS report contained nine programs not included in the population created from the *Annual Survey* and NCA lists. The population created from these lists contained nine programs not on the IPEDS list. **Table 3** provides a matching of the lists and, at the bottom, summarizes the discrepancies. An examination of the web sites for the nine programs in the IPEDS filing but not in the original population list showed that seven exist but were not part of the enrollment survey or included in the NCA web site. The IPEDS filing for the programs at Michigan Technological University and the University of Texas at Arlington seem to be in error and were not included in any of the analyses below.

The 85 programs in the original population graduated 453 students in the 2000-2001 academic year. Just more than half (51.0%) were female. Less than 5% of the students were African-American, and just more than 2% were Hispanic (**Chart 1**). One in five of the students was from outside the United

States. In other words, 85% of the domestic students are White, non-Hispanic, with 6% African-American and 3% Hispanic. Only one Native American was included. Four percent were Asian or Pacific Islanders.

Including data from the seven doctoral programs listed in the IPEDS file but not included in the survey changes the picture only slightly (**Chart 2**). Of the 485 students, half were female and one in five was from outside the U.S. Of the domestic students, 84% were White, non-Hispanic.

In the autumn of 1998, the last year for which such data are available, 16% of the faculty members at journalism and mass communication programs around the country were classified as members of a racial or ethnic minority. Thirty-six percent were female. The percent minority and the percent female had increased only about a percentage point each from three years earlier.

For the 2001-2002 academic year, the 485 journalism and mass communication programs around the country hired approximately 150 persons directly from doctoral programs, according to responses to questions on the *Annual Survey of Journalism & Mass Communication Enrollments*. The total number of faculty in these programs stood at 5,250.

Assuming small growth in faculty size, this means that, if all 63 of the domestic doctoral graduates who are members of a racial or ethnic minority (including those classified as “unknown”) were hired by these journalism and mass communication programs, the percentage of the total faculty that was a member of a racial or ethnic minority would increase by only seven tenths of a percentage point. This is based on the assumption that 24 of those doctoral graduates classified as a minority would be needed just to stay even.

By the same calculation, if all of the 150 hires in a given year were female—and 188 were available in 200-2001—the percentage of the faculty that is female would increase by just less than three percentage points.

The population of the U.S. in 2000 was nearly 31% minority, and the population of the undergraduates in journalism and mass communication programs in the fall of 2001 was about 26% minority. The U.S. population is 51% female, and the population of undergraduates in journalism and mass communication programs around the country is 63% female. The lack of a match—and the likelihood of a match—between the faculty and these population is striking.

Those doctoral programs housed at journalism and mass communication programs are more diverse in terms of their graduates than are the doctoral programs in communication and mass communication combined. Based on the 2001 enrollment survey reports, 25% of the graduates of those programs were members of racial or ethnic minorities. But the 39 programs included in this survey produced only 165 students in 2000-2001, only 32 of whom were members of a racial or ethnic minority. Including the other doctoral programs increases this number to 63. Even the larger total figure is inadequate to change the characteristic of faculty greatly.

Of course, not all hiring by journalism and mass communication programs is from doctoral programs. In fact, only about a quarter of the hiring in a given year, based on recent years, is from

doctoral programs. The remainder is from other university positions and from the industry. Clearly doctoral programs are an important part of the pipeline to the professorial ranks, particularly at the large universities where most journalism and mass communication students are educated.

Nor is the situation at the doctoral programs likely to change dramatically any time soon. **Chart 3** shows that, for the 66 programs reporting data, only 17% of the students admitted to doctoral study in 2001-2002 were members of racial or ethnic minorities. Nearly a third of the students were from outside the United States. In fact, the admitted students look much like the doctoral students they joined, as **Chart 4** makes clear. Only 16% of the enrolled students are members of a racial or ethnic minority. **Chart 5** does suggest some increase in the percentage of female degree recipients may take place in the future, based on admissions and current enrollments. This assumes equal completion rates by gender.

The data in these two charts come only from doctoral programs responding to the survey. A comparison of the responses of these programs to the questions on degrees granted and the responses for all 85 programs (as well as of the 7 “missed” programs) shows that returns were very similar to the data with the IPEDS estimates. It seems reasonable to conclude that the sample based on returns is reflective of the full population of doctoral programs.

It is incorrect to assume that all doctoral degree recipients in the field of communication and mass communication take university jobs, but clearly most do. **Chart 6** shows that, in 2000-2001, nine in 10 of the domestic doctoral students took a job in an American university, either as a faculty member or as a post-doctoral fellow. Of those domestic students who took jobs as faculty members at U.S. universities, only 12% were members of a racial or ethnic minority group (**Chart 7**).

In 2000-2001, about 45% of the international students actually took faculty positions in the U.S. upon completion of their studies. Most of these students are from Asia, and they do contribute to the diversity of journalism and mass communication programs around the country.

Concluding Comments

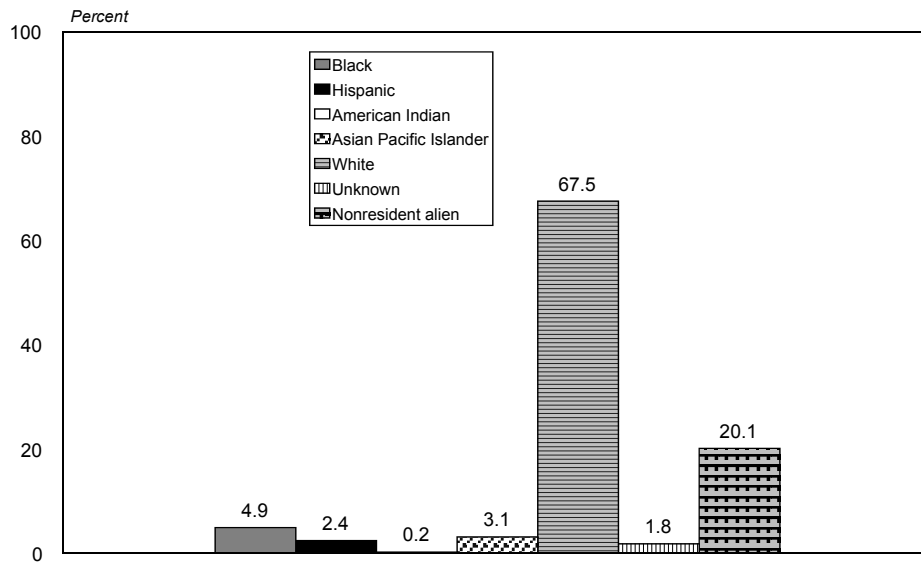
The doctoral programs in communication, including mass communication, serve as a pipeline for an estimated one quarter of the new hiring by journalism and mass communication programs around the country. The pipeline, in one very important way, is deficient. It isn't as diverse as the U.S. population or as the population of students the journalism and mass communication programs serve. In fact, it is no more diverse than the faculty itself.

The consequence of this deficiency is that journalism and mass communication students in the future are likely to be taught by people who are not like them. The faculty won't have their experiences and won't be role model with whom they can identify. And, because the faculties are not very diverse, the views and perspectives of the diverse elements of society aren't likely to get full discussion in faculty meetings, in curricular discussions, in conversations about research, and in conversations about the needs of the students and the occupations to which they are headed.

The problem can be fixed, but the remedy isn't likely to be easy or one that will produce quick results. Educators need to do a better job of communicating to all students--and particularly to minority students, who lack role models--about academic careers. Students need to understand the occupation of a professor, with its many facets of scholarship, instruction and service. Students who lack role models currently in the academic environment--and most minority students are in this category--need particular assistance so they can see themselves in this role. Of course educators also need to make particular efforts to recruit students from under-represented groups to doctoral programs.

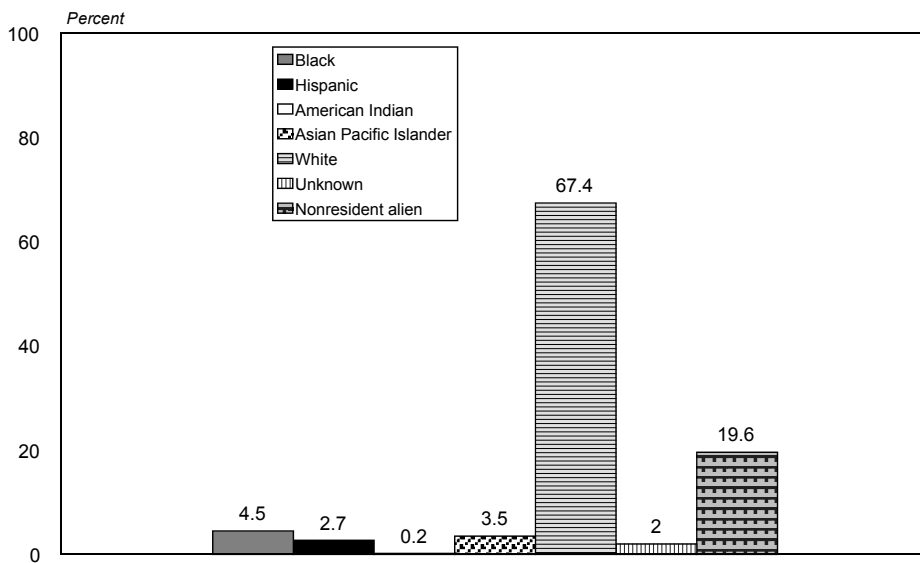
To continue to do what is being done at present is inadequate. The field of communication--including mass communication--suffers from the inadequately diverse pipeline of doctoral education.

1. Ph.D. degrees granted by race/ethnicity with IPEDS replacement (85 programs)



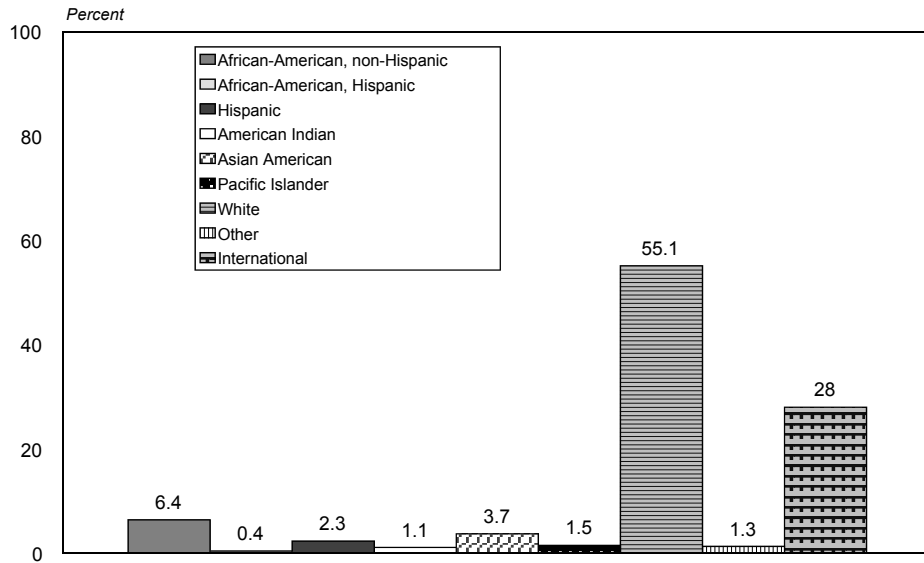
Source: 2001-2002 Doctoral Programs Survey

2. Ph.D. degrees granted by race/ethnicity with IPEDS replacement + 7 IPEDS-only programs (92 programs)



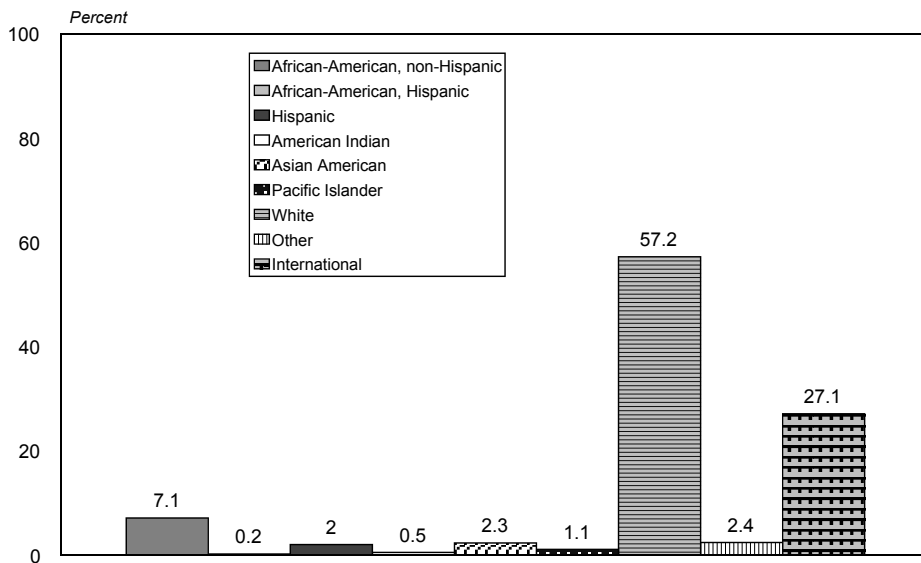
Source: 2001-2002 Doctoral Programs Survey

3. Students admitted in Ph.D. programs by race/ethnicity (66 programs)



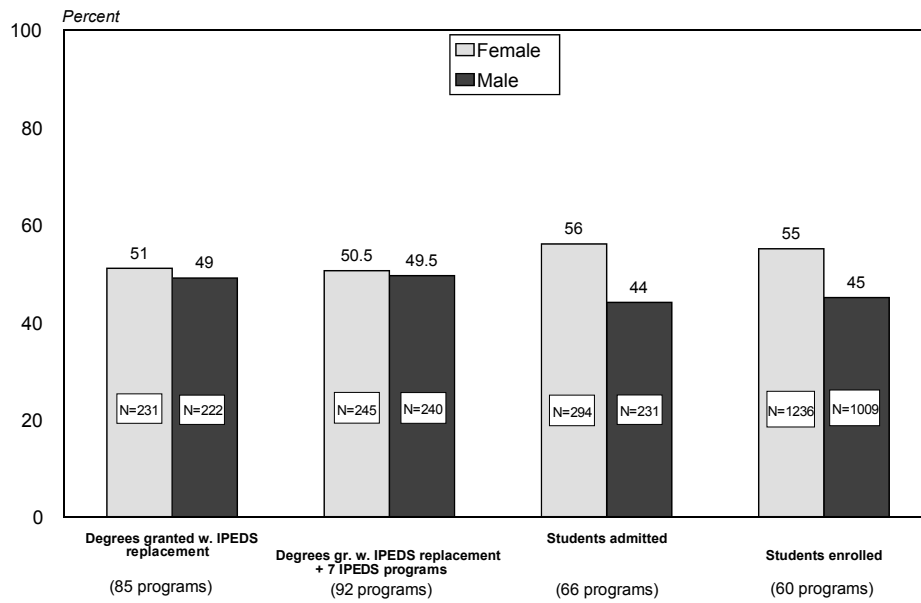
Source: 2001-2002 Doctoral Programs Survey

4. Students enrolled in Ph.D. programs by race/ethnicity (60 programs)



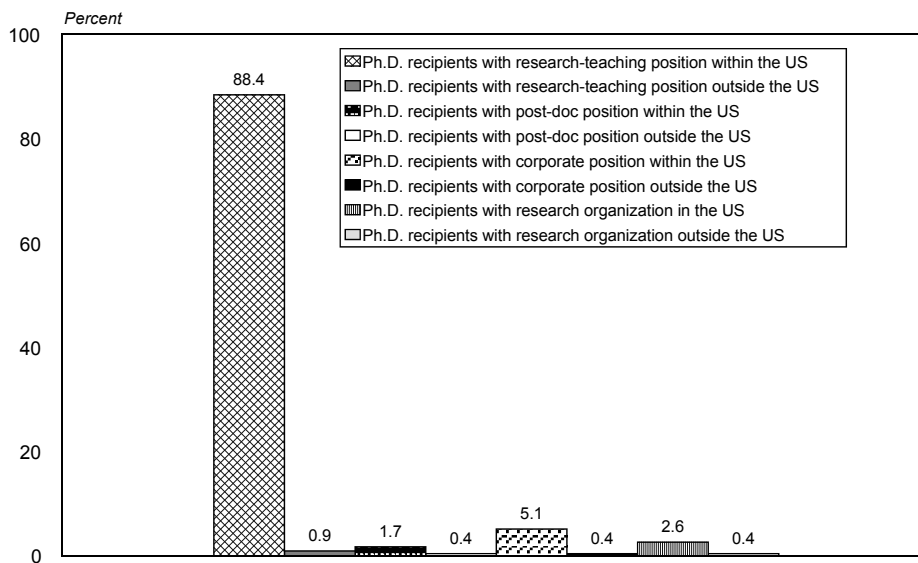
Source: 2001-2002 Doctoral Programs Survey

5. Total number of Ph.D. students admitted, students enrolled, and degrees granted by gender



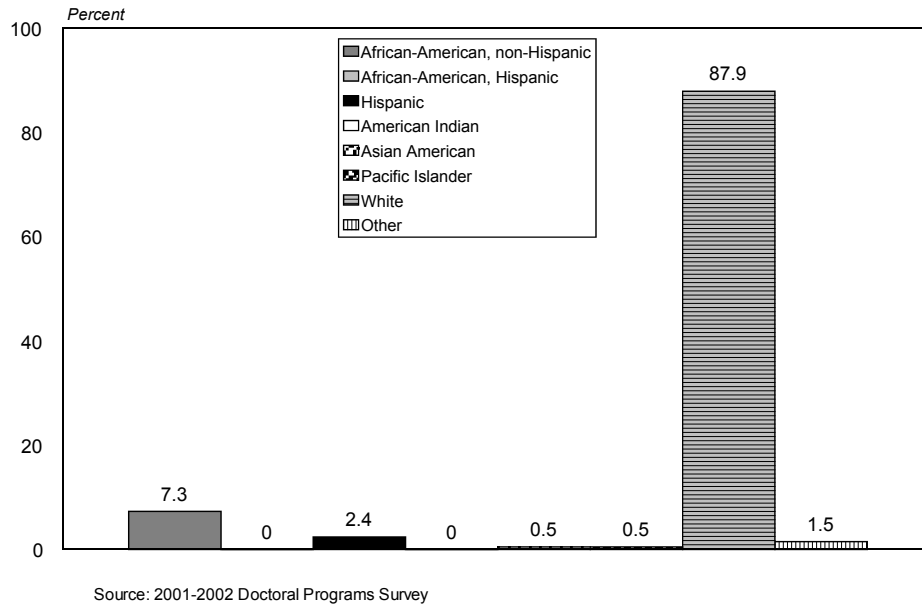
Source: 2001-2002 Doctoral Programs Survey

6. Jobs of domestic Ph.D. recipients (55 programs)



Source: 2001-2002 Doctoral Programs Survey

7. Race/ethnicity of domestic Ph.D. recipients with academic research-teaching jobs in the US (55 programs)



8. Jobs of international Ph.D. recipients (47 programs)

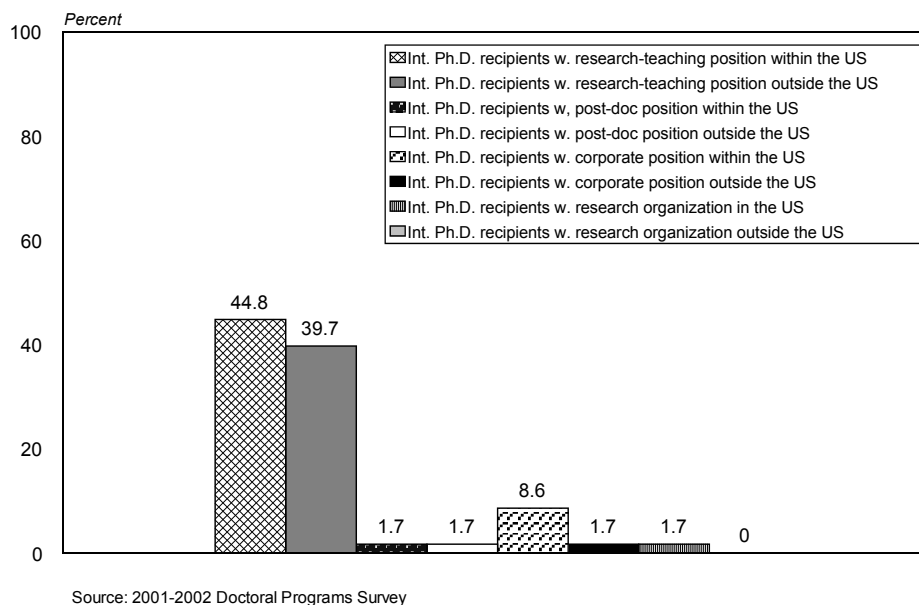


Table 1. Doctoral Programs in Communications

State	University	Unit Name	Unit Name (2)	Return
Alabama	University of Alabama	College of Communication and Information Sciences		Yes
Arizona	Arizona State University	Hugh Downs School of Human Communication		
California	Stanford University	Department of Communication		Yes
California	University of California San Diego	Department of Communication		Yes
California	University of California Santa Barbara	Department of Communication		Yes
California	University of Southern California	Annenberg School for Communication		
Colorado	University of Colorado Boulder	Department of Communication		
Colorado	University of Colorado Boulder	School of Journalism and Mass Communication		Yes
Colorado	University of Denver	Department of Human Communication Studies		Yes
Connecticut	University of Connecticut	Department of Communication Sciences		Yes
D.C.	Howard University	Department of Communication and Culture		Yes
Florida	Florida State University	Department of Communication		
Florida	University of Florida	College of Journalism and Mass Communications		Yes
Florida	University of Miami	School of Communication		
Florida	University of South Florida	Department of Communication		
Georgia	Georgia State University	Department of Communication		Yes
Georgia	University of Georgia	College of Journalism and Mass Communications		Yes
Georgia	University of Georgia	Department of Speech Communication		Yes
Hawaii	University of Hawaii	College of Business Administration		Yes
Illinois	Northwestern University	Department of Communication Studies	School of Speech	
Illinois	Northwestern University	Department of Radio, Television and Film	School of Speech	Yes
Illinois	Southern Illinois University	College of Mass Communication and Media Arts		Yes
Illinois	Southern Illinois University	Department of Speech Communication		Yes
Illinois	University of Illinois	Department of Speech Communication		Yes
Illinois	University of Illinois	Institute of Communications Research		Yes
Indiana	Indiana University	Department of Communication and Culture		
Indiana	Indiana University	Department of Telecommunication		Yes
Indiana	Indiana University	School of Journalism		Yes
Indiana	Purdue University	Department of Communication		Yes
Iowa	University of Iowa	Department of Communication Studies		
Iowa	University of Iowa	School of Journalism and Mass Communication		Yes
Kansas	University of Kansas	Communication Studies Department		
Kentucky	University of Kentucky	Communications and Information Studies		Yes
Louisiana	Louisiana State University	Department of Speech Communications		Yes
Louisiana	Louisiana State University	Manship School of Mass Communication		Yes
Maryland	University of Maryland	College of Journalism		Yes
Maryland	University of Maryland	Department of Communication		Yes
Massachusetts	University of Massachusetts	Department of Communication		Yes
Michigan	Michigan State University	Department of Communication	College of Communication Arts and Sciences	Yes
Michigan	Michigan State University	Mass Media Program	College of Communication Arts and Sciences	Yes
Michigan	University of Michigan	Department of Communication Studies		Yes
Michigan	Wayne State University	Department of Communication		
Minnesota	University of Minnesota	Department of Speech Communication		Yes

State	University	Unit Name	Unit Name (2)	Return
Minnesota	University of Minnesota	School of Journalism and Mass Communication		Yes
Mississippi	University of Southern Mississippi	School of Communication		Yes
Missouri	University of Missouri	Department of Communication Arts and Sciences		Yes
Missouri	University of Missouri	School of Journalism		Yes
Nebraska	University of Nebraska Lincoln	Department of Communication		Yes
New Jersey	Rutgers State University of New Jersey	School of Communication, Information and Library Studies		Yes
New Mexico	University of New Mexico	Department of Communication and Journalism		Yes
New York	Columbia University	School of Journalism		Yes
New York	Cornell University	Department of Communication		Yes
New York	New York University	Department of Culture and Communication		
New York	SUNY Albany	Department of Communication		
New York	SUNY Buffalo	Department of Communication		Yes
New York	Syracuse University	S. I. Newhouse School of Public Communications		Yes
North Carolina	University of North Carolina	Department of Communication Studies		Yes
North Carolina	University of North Carolina	School of Journalism and Mass Communications		Yes
North Dakota	North Dakota State University	Department of Communication		Yes
Ohio	Bowling Green State University	Department of Communication Studies		Yes
Ohio	Kent State University	School of Communication Studies		Yes
Ohio	Ohio State University	School of Journalism and Mass Communication		Yes
Ohio	Ohio University	E. W. Scripps School of Journalism	College of Communication	Yes
Ohio	Ohio University	School of Interpersonal Communication	College of Communication	Yes
Oklahoma	University of Oklahoma	Department of Communication		Yes
Oregon	University of Oregon	School of Journalism and Communication		Yes
Pennsylvania	Duquesne University	Department of Communication and Rhetorical Studies		
Pennsylvania	Pennsylvania State	University College of Communication		Yes
Pennsylvania	Pennsylvania State University	Department of Speech Communication		Yes
Pennsylvania	Temple University	School of Communications and Theater		Yes
Pennsylvania	University of Pennsylvania	Anneberg School for Communication		
Pennsylvania	University of Pittsburgh	Department of Communication		
South Carolina	University of South Carolina	College of Journalism and Mass Communications		Yes
Tennessee	University of Tennessee	College of Communications		Yes
Texas	Texas A and M University	Department of Speech Communication		
Texas	University of Texas	Department of Advertising	College of Communication	Yes
Texas	University of Texas	Department of Communication Studies	College of Communication	Yes
Texas	University of Texas	Department of Journalism	College of Communication	Yes
Texas	University of Texas	Department of Radio, TV and Film	College of Communication	Yes
Utah	University of Utah	Department of Communication		Yes
Virginia	Regent University	College of Communication and the Arts		Yes
Washington	University of Washington	School of Communications		Yes
Wisconsin	University of Wisconsin	Department of Communication Arts		Yes
Wisconsin	University of Wisconsin	Department of Life Sciences Communication		Yes
Wisconsin	University of Wisconsin Madison	School of Journalism and Mass Communication		Yes

Table 2. List of Doctoral Programs in IPEDS by CIP Code

CIP code	Name	State	UNITID
9.0101	Communications, General	AZ	ARIZONA STATE UNIVERSITY-MAIN CAMPUS
		AZ	UNIVERSITY OF ARIZONA
		CA	UNIVERSITY OF CALIFORNIA-SAN DIEGO
		CA	UNIVERSITY OF SOUTHERN CALIFORNIA
		CO	UNIVERSITY OF COLORADO AT BOULDER
		CO	UNIVERSITY OF DENVER
		DC	HOWARD UNIVERSITY
		FL	FLORIDA STATE UNIVERSITY
		FL	UNIVERSITY OF FLORIDA
		IL	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
		IN	INDIANA UNIVERSITY-BLOOMINGTON
		IA	UNIVERSITY OF IOWA
		KY	UNIVERSITY OF KENTUCKY
		MD	UNIVERSITY OF MARYLAND-COLLEGE PARK
		MS	UNIVERSITY OF MASSACHUSETTS-AMHERST
		MI	UNIVERSITY OF MICHIGAN-ANN ARBOR
		MI	MICHIGAN STATE UNIVERSITY
		MI	WAYNE STATE UNIVERSITY
		MS	UNIVERSITY OF SOUTHERN MISSISSIPPI
		MO	UNIVERSITY OF MISSOURI-COLUMBIA
		NY	CORNELL UNIVERSITY-NY STATE STATUTORY COLLEGES
		NY	NEW YORK UNIVERSITY
		NY	RENSSELAER POLYTECHNIC INSTITUTE
		NY	SUNY AT BUFFALO
		NC	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
		OH	BOWLING GREEN STATE UNIVERSITY-MAIN CAMPUS
		OH	OHIO STATE UNIVERSITY-MAIN CAMPUS
		OK	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS
		PA	PENNSYLVANIA STATE UNIVERSITY-MAIN CAMPUS
		PA	UNIVERSITY OF PENNSYLVANIA
		PA	TEMPLE UNIVERSITY
		TN	THE UNIVERSITY OF TENNESSEE
		UT	UNIVERSITY OF UTAH
		VA	REGENT UNIVERSITY
		WA	UNIVERSITY OF WASHINGTON-SEATTLE CAMPUS
		WI	UNIVERSITY OF WISCONSIN-MADISON
		CA	STANFORD UNIVERSITY
		IN	PURDUE UNIVERSITY-MAIN CAMPUS
		Total	38

CIP code	Name	State	UNITID
9.0201	Advertising	TX WI	THE UNIVERSITY OF TEXAS AT AUSTIN MARQUETTE UNIVERSITY Total 2
9.0401	Journalism	AL IL OH SC TX	UNIVERSITY OF ALABAMA SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE OHIO UNIVERSITY-MAIN CAMPUS UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA THE UNIVERSITY OF TEXAS AT AUSTIN Total 5
9.0403	Mass Communications	GA IN MN NC TN WI	UNIVERSITY OF GEORGIA INDIANA UNIVERSITY-BLOOMINGTON UNIVERSITY OF MINNESOTA-TWIN CITIES UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL UNIVERSITY OF MEMPHIS UNIVERSITY OF WISCONSIN-MADISON Total 6
9.0499	Journalism and Mass Comm., Other	LA OR	LOUISIANA STATE UNIVERSITY UNIVERSITY OF OREGON Total 2
9.0701	Radio and Television Broadcasting	IL MD TX	NORTHWESTERN UNIVERSITY UNIVERSITY OF MARYLAND-COLLEGE PARK THE UNIVERSITY OF TEXAS AT AUSTIN Total 3
9.9999	Communications, Other	DC HI MA MI MI MN	HOWARD UNIVERSITY UNIVERSITY OF HAWAII AT MANOA MASSACHUSETTS INSTITUTE OF TECHNOLOGY MICHIGAN STATE UNIVERSITY MICHIGAN TECHNOLOGICAL UNIVERSITY UNIVERSITY OF MINNESOTA-TWIN CITIES Total 6
10.0104	Radio and Television Broadcasting Tech.	NY	SYRACUSE UNIVERSITY Total 1

CIP code	Name	State	UNITID
23.1001	Speech and Rhetorical Studies	CA	UNIVERSITY OF CALIFORNIA-BERKELEY
		FL	UNIVERSITY OF SOUTH FLORIDA
		GA	UNIVERSITY OF GEORGIA
		IL	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
		IL	NORTHWESTERN UNIVERSITY
		IL	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE
		IN	INDIANA UNIVERSITY-BLOOMINGTON
		KS	UNIVERSITY OF KANSAS MAIN CAMPUS
		LA	LOUISIANA STATE UNIVERSITY
		MN	UNIVERSITY OF MINNESOTA-TWIN CITIES
		NM	UNIVERSITY OF NEW MEXICO-MAIN CAMPUS
		NY	TEACHERS COLLEGE AT COLUMBIA UNIVERSITY
		OH	KENT STATE UNIVERSITY-MAIN CAMPUS
		OH	OHIO UNIVERSITY-MAIN CAMPUS
		PA	DUQUESNE UNIVERSITY
		PA	PENNSYLVANIA STATE UNIVERSITY-MAIN CAMPUS
		PA	UNIVERSITY OF PITTSBURGH-MAIN CAMPUS
		PA	TEMPLE UNIVERSITY
		TX	THE UNIVERSITY OF TEXAS AT ARLINGTON
		TX	THE UNIVERSITY OF TEXAS AT AUSTIN
		TX	TEXAS WOMANS UNIVERSITY
		WA	UNIVERSITY OF WASHINGTON-SEATTLE CAMPUS
			Total 22
			Grand Total 85

Table 3. Populations of IPEDS and Doctoral Survey & Discrepancies

State	University	IPEDS unit	Doctoral Survey unit
AL	UNIVERSITY OF ALABAMA	9.0401 Journalism	College of Communication and Information Sciences
AZ	ARIZONA STATE UNIVERSITY	9.0101 Communications, General	Hugh Downs School of Human Communication
AZ	UNIVERSITY OF ARIZONA	9.0101 Communications, General	
CA	STANFORD UNIVERSITY	9.0101 Communications, General	Department of Communication
CA	UNIVERSITY OF CALIFORNIA - BERKELEY	23.1001 Speech and Rhetorical Studies	
CA	UNIVERSITY OF CALIFORNIA - SAN DIEGO	9.0101 Communications, General	Department of Communication
CA	UNIVERSITY OF CALIFORNIA - SANTA BARBARA		Department of Communication
CA	UNIVERSITY OF SOUTHERN CALIFORNIA	9.0101 Communications, General	Annenberg School for Communication
CO	UNIVERSITY OF COLORADO - BOULDER	9.0101 Communications, General	School of Journalism and Mass Communication Department of Communication
CO	UNIVERSITY OF DENVER	9.0101 Communications, General	Department of Human Communication Studies
CT	UNIVERSITY OF CONNECTICUT		Department of Communication Sciences
DC	HOWARD UNIVERSITY	9.0101 Communications, General 9.9999 Communications, Other	Department of Communication and Culture
FL	FLORIDA STATE UNIVERSITY	9.0101 Communications, General	Department of Communication
FL	UNIVERSITY OF FLORIDA	9.0101 Communications, General	College of Journalism and Mass Communications
FL	UNIVERSITY OF SOUTH FLORIDA	23.1001 Speech and Rhetorical Studies	Department of Communication
FL	UNIVERSITY OF MIAMI		School of Communication
GA	UNIVERSITY OF GEORGIA	9.0403 Mass Communications 23.1001 Speech and Rhetorical Studies	College of Journalism and Mass Communications Department of Speech Communication
GA	GEORGIA STATE UNIVERSITY		Department of Communication
HI	UNIVERSITY OF HAWAII - MANOA	9.9999 Communications, Other	College of Business Administration
IL	NORTHWESTERN UNIVERSITY	9.0701 Radio and Television Broadcasting 23.1001 Speech and Rhetorical Studies	Department of Radio, Television and Film Department of Communication Studies
IL	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	9.0401 Journalism 23.1001 Speech and Rhetorical Studies	College of Mass Communication and Media Arts Department of Speech Communication
IL	UNIVERSITY OF ILLINOIS - URBANA-CHAMPAIGN	9.0101 Communications, General 23.1001 Speech and Rhetorical Studies	Institute of Communications Research Department of Speech Communication
IN	INDIANA UNIVERSITY-BLOOMINGTON	9.0101 Communications, General 9.0403 Mass Communications 23.1001 Speech and Rhetorical Studies	Department of Telecommunication School of Journalism Department of Communication and Culture
IN	PURDUE UNIVERSITY	9.0101 Communications, General	Department of Communication
IA	UNIVERSITY OF IOWA	9.0101 Communications, General	School of Journalism and Mass Communication Department of Communication Studies
KS	UNIVERSITY OF KANSAS	23.1001 Speech and Rhetorical Studies	Communication Studies Department
KY	UNIVERSITY OF KENTUCKY	9.0101 Communications, General	Communication and Information Studies
LA	LOUISIANA STATE UNIVERSITY	9.0499 Journalism and Mass Comm., Other 23.1001 Speech and Rhetorical Studies	Manship School of Mass Communication Department of Speech Communications
MA	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	9.9999 Communications, Other	
MA	UNIVERSITY OF MASSACHUSETTS-AMHERST	9.0101 Communications, General	Department of Communication
MD	UNIVERSITY OF MARYLAND-COLLEGE PARK	9.0101 Communications, General 9.0701 Radio and Television Broadcasting	College of Journalism Department of Communication
MI	UNIVERSITY OF MICHIGAN-ANN ARBOR	9.0101 Communications, General	Department of Communication Studies
MI	MICHIGAN STATE UNIVERSITY	9.0101 Communications, General 9.9999 Communications, Other	Mass Media Program Department of Communication
MI	MICHIGAN TECHNOLOGICAL UNIVERSITY	9.9999 Communications, Other	
MI	WAYNE STATE UNIVERSITY	9.0101 Communications, General	Department of Communication
MN	UNIVERSITY OF MINNESOTA-TWIN CITIES	9.0403 Mass Communications 9.9999 Communications, Other 23.1001 Speech and Rhetorical Studies	School of Journalism and Mass Communication Department of Speech Communication

State	University	IPEDS unit	Doctoral Survey unit
MS	UNIVERSITY OF SOUTHERN MISSISSIPPI	9.0101	Communications, General School of Communication
MO	UNIVERSITY OF MISSOURI-COLUMBIA	9.0101	Communications, General School of Journalism Department of Communication Arts and Sciences
ND	NORTH DAKOTA STATE UNIVERSITY		Department of Communication
NE	UNIVERSITY OF NEBRASKA - LINCOLN		Department of Communication
NJ	RUTGERS STATE UNIVERSITY OF NEW JERSEY		School of Communication, Information and Library Studies
NM	UNIVERSITY OF NEW MEXICO	23.1001	Speech and Rhetorical Studies Department of Communication and Journalism
NY	COLUMBIA UNIVERSITY	23.1001	Speech and Rhetorical Studies School of Journalism
NY	CORNELL UNIVERSITY	9.0101	Communications, General Department of Communication
NY	NEW YORK UNIVERSITY	9.0101	Communications, General Department of Culture and Communication
NY	RENSSELAER POLYTECHNIC INSTITUTE	9.0101	Communications, General
NY	SUNY - ALBANY		Department of Communication
NY	SUNY - BUFFALO	9.0101	Communications, General Department of Communication
NY	SYRACUSE UNIVERSITY	10.0104	Radio and Television Broadcasting T S. I. Newhouse School of Public Communications
NC	UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	9.0101 9.0403	Communications, General Mass Communications Department of Communication Studies School of Journalism and Mass Communication
OH	BOWLING GREEN STATE UNIVERSITY	9.0101	Communications, General Department of Communication Studies
OH	KENT STATE UNIVERSITY	23.1001	Speech and Rhetorical Studies School of Communication Studies
OH	OHIO STATE UNIVERSITY	9.0101	Communications, General School of Journalism and Mass Communication
OH	OHIO UNIVERSITY	9.0401 23.1001	Journalism Speech and Rhetorical Studies E. W. Scripps School of Journalism School of Interpersonal Communication
OK	UNIVERSITY OF OKLAHOMA - NORMAN CAMPUS	9.0101	Communications, General Department of Communication
OR	UNIVERSITY OF OREGON	9.0499	Journalism and Mass Comm., Other School of Journalism and Communication
PA	DUQUESNE UNIVERSITY	23.1001	Speech and Rhetorical Studies Department of Communication and Rhetorical Studies
PA	PENNSYLVANIA STATE UNIVERSITY	9.0101 23.1001	Communications, General Speech and Rhetorical Studies College of Communications Department of Speech Communication
PA	UNIVERSITY OF PENNSYLVANIA	9.0101	Communications, General Anneberg School for Communication
PA	UNIVERSITY OF PITTSBURGH	23.1001	Speech and Rhetorical Studies Department of Communication
PA	TEMPLE UNIVERSITY	9.0101 23.1001	Communications, General Speech and Rhetorical Studies School of Communications and Theater
SC	UNIVERSITY OF SOUTH CAROLINA - COLUMBIA	9.0401	Journalism College of Journalism and Mass Communication
TN	UNIVERSITY OF MEMPHIS	9.0403	Mass Communications
TN	THE UNIVERSITY OF TENNESSEE	9.0101	Communications, General College of Communications
TX	TEXAS A & M UNIVERSITY		Department of Speech Communication
TX	THE UNIVERSITY OF TEXAS - ARLINGTON	23.1001	Speech and Rhetorical Studies
TX	THE UNIVERSITY OF TEXAS - AUSTIN	9.0201 9.0401 9.0701 23.1001	Advertising Journalism Radio and Television Broadcasting Speech and Rhetorical Studies Department of Advertising Department of Journalism Department of Radio, TV and Film Department of Communication Studies
TX	TEXAS WOMANS UNIVERSITY	23.1001	Speech and Rhetorical Studies
UT	UNIVERSITY OF UTAH	9.0101	Communications, General Department of Communication
VA	REGENT UNIVERSITY	9.0101	Communications, General College of Communication and the Arts
WA	UNIVERSITY OF WASHINGTON - SEATTLE	9.0101 23.1001	Communications, General Speech and Rhetorical Studies School of Communications
WI	MARQUETTE UNIVERSITY	9.0201	Advertising
WI	UNIVERSITY OF WISCONSIN - MADISON	9.0101 9.0403	Communications, General Mass Communications Department of Communication Arts School of Journalism and Mass Communication Department of Life Sciences Communication

*** Schools in IPEDS but not in the Doctoral Program Survey:**

AZ	UNIVERSITY OF ARIZONA
CA	UNIVERSITY OF CALIFORNIA-BERKELEY
MA	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MI	MICHIGAN TECHNOLOGICAL UNIVERSITY
NY	RENSSELAER POLYTECHNIC INSTITUTE
TN	UNIVERSITY OF MEMPHIS
TX	THE UNIVERSITY OF TEXAS - ARLINGTON
TX	TEXAS WOMANS UNIVERSITY
WI	MARQUETTE UNIVERSITY

*** Schools in the Doctoral Program Survey but not in IPEDS:**

CA	UNIVERSITY OF CALIFORNIA-SANTA BARBARA
CT	UNIVERSITY OF CONNECTICUT
FL	UNIVERSITY OF MIAMI
GA	GEORGIA STATE UNIVERSITY
ND	NORTH DAKOTA STATE UNIVERSITY
NE	UNIVERSITY OF NEBRASKA
NJ	RUTGERS UNIVERSITY
NY	SUNY - ALBANY
TX	TEXAS A & M UNIVERSITY

Table 4. Degrees Granted by Gender and Race/Ethnicity (without replacement, 66 programs)

	Count	Percent
Gender		
Male	169	49.6
Female	172	50.4
Total	341	100.0
Race/Ethnicity		
African-American, Non-hispanic	20	5.9
African-American, Hispanic	0	0.0
Hispanic	6	1.8
American Indian	1	0.3
Asian American	4	1.2
Pacific Islander	7	2.1
White	224	65.7
Other	3	0.9
International	76	22.3
Total	341	100.0

Table 5. Degrees Granted by Gender and Race/Ethnicity (with IPEDS replacement, 85 programs)

	Count	Percent
Gender		
Male	222	49.0
Female	231	51.0
Total	453	100.0
Race/Ethnicity		
Black	22	4.9
Hispanic	11	2.4
American Indian	1	0.2
Asian Pacific Islander	14	3.1
White	306	67.5
Unknown	8	1.8
Nonresident Alien	91	20.1
Total	453	100.0
Domestic Students Only		
Male	174	48.1
Female	188	51.9
Total	362	100.0

Table 6. Degrees Granted by Gender and Race/Ethnicity (with IPEDS replacement+IPEDS-only 7 programs, 92 programs)

	Count	Percent
Gender		
Male	240	49.5
Female	245	50.5
Total	485	100.0
Race/Ethnicity		
Black	22	4.5
Hispanic	13	2.7
American Indian	1	0.2
Asian Pacific Islander	17	3.5
White	327	67.4
Unknown	10	2.1
Nonresident Alien	95	19.6
Total	485	100.0
Domestic Students Only		
Male	188	48.2
Female	202	51.8
Total	390	100.0

Table 7. Domestic Doctoral Degree Recipients' Jobs (55 programs)

	Count	Percent
With research-teaching position within the US	206	88.4
With research-teaching position outside the US	2	0.9
With post-doctoral position within the US	4	1.7
With post-doctoral position outside the US	1	0.4
With corporate sector within the US	12	5.2
With corporate sector outside the US	1	0.4
With research organization within the US	6	2.6
With research organization outside the US	1	0.4
Total	233	100.0

Table 8. Domestic Doctoral Degree Recipients with Research/Teaching Jobs in US by Gender and Race/Ethnicity (55 programs)

	Count	Percent
Gender		
Male	97	47.1
Female	109	52.9
Total	206	100.0
Race/Ethnicity		
African-American, Non-hispanic	15	7.3
African-American, Hispanic	0	0.0
Hispanic	5	2.4
American Indian	0	0.0
Asian American	1	0.5
Pacific Islander	1	0.5
White	181	87.9
Other	3	1.5
Total	206	100.0

Table 9. International Doctoral Degree Recipients' Jobs (47 programs)

	Count	Percent
In research/teaching positions in U.S.	26	44.8
In research/teaching positions	23	39.7
In post-doctoral positions in U.S.	1	1.7
In post-doctoral positions	1	1.7
In corporate sector in U.S.	5	8.6
In corporate sector	1	1.7
In research organizations in U.S.	1	1.7
In research organizations	0	0.0
Total	58	100.0

Table 10. Doctoral Student Admission by Gender and Race/Ethnicity (66 programs)

	Count	Percent
Gender		
Male	231	23100.0
Female	294	29400.0
Total	525	52500.0
Race/Ethnicity		
African-American, Non-hispanic	33	6.4
African-American, Hispanic	2	0.4
Hispanic	12	2.3
American Indian	6	1.2
Asian American	19	3.7
Pacific Islander	8	1.5
White	285	55.1
Other	7	1.4
International	145	28.0
Total	517	100.0

Table 11. Doctoral Student Enrollment by Gender and Race/Ethnicity (60 programs)

	Count	Percent
Gender		
Male	1,009	44.9
Female	1,236	55.1
Total	2,245	100.0
Race/Ethnicity		
African-American, Non-hispanic	159	7.1
African-American, Hispanic	5	0.2
Hispanic	46	2.0
American Indian	12	0.5
Asian American	51	2.3
Pacific Islander	25	1.1
White	1,284	57.2
Other	54	2.4
International	609	27.1
Total	2,245	100.0

Table 12. Listed Areas of Concentration (Population of 85 Programs)

University	Area 1	Area 2	Area 3	Area 4	Area 5
University of Alabama, College of Communication and Information Sciences					
Arizona State University, Hugh Downs School of Human Communication	NO RETURN				
Stanford University, Department of Communication					
University of California San Diego, Department of Communication	Culture	Social Force	Human Info. Processing	Science Studies	
University of California Santa Barbara, Department of Communication	Media Comm.	Organizational Comm.	Interpersonal Comm.		
University of Southern California, Annenberg School for Communication	NO RETURN				
University of Colorado Boulder, School of Journalism and Mass Communication	Culturalist Media Studies	Qualitative Methodology	Law and Policy	Media History	Audience Research
University of Colorado Boulder, Department of Communication	NO RETURN				
University of Denver, Department of Human Communication	Culture and Comm.	Rhetorical & Comm. Ethics	Personal & Social Interaction		
University of Connecticut, Department of Communication	Mass Communication	Interpersonal	Organizational	Persuasion	Non-Verbal
University of Florida, College of Journalism and Mass Communication	Humanities	Law/Policy	Social Sciences		
University of South Florida, Department of Communication	NO RETURN				
Florida State University, Department of Communication	NO RETURN				
University of Miami, School of Communication	NO RETURN				
University of Georgia, College of Journalism and Mass Communication	Mass Media Studies	Advertising	Journalism	Telecommunications	Public Relations
University of Georgia, Department of Speech Communication	Rhetoric	Interpersonal	Organizational		
Georgia State University, Department of Communication	Public Communication	Moving Image Studies			
University of Hawaii, College of Business Administration	Organizational Comm.	Organizational Theory	Comm. Policy	Management Info. Systems	Data Communication
Northwestern University, Department of Communication	NO RETURN				
Northwestern University, Department of Radio, Television, and Film					
Southern Illinois University, College of Mass Communication					
Southern Illinois University, Department of Speech Communication	Performance Studies	Communication Pedagogy	Intercultural Comm.	Logic & Philosophy of Comm.	Lang & Social Interaction
University of Illinois, Institute of Communications Research					
University of Illinois, Department of Speech Communication					
Indiana University, Department of Telecommunication	Law & Policy	Processes & Effects	Multimedia Production		
Indiana University, Department of Communication and Journalism	NO RETURN				
Indiana University, School of Journalism	Communications Law	Media History	International Comm.	Political Communications	
Purdue University, Department of Communication	Health Communication	Interpersonal Comm.	Mass Communication	Organizational Comm.	Public Affairs & Issue
University of Iowa, School of Journalism and Mass Communication					
University of Iowa, Department of Communication Studies	NO RETURN				
University of Kansas, Communication Studies Department	NO RETURN				
University of Kentucky, Communications and Information Science	Health Communication	Comm. & Info. Studies	Interpersonal Comm.	Mass Communication	
Louisiana State University, Department of Speech Communication	Communication Theory	Performance Studies	Rhetoric & Public Address		
Louisiana State University, Manship School of Mass Communication	Political Comm.	Political Science	Research		
University of Maryland, College of Journalism					
University of Maryland, Department of Communication	Intercultural Comm.	Public Relations	Political Communication	Rhetoric	Social Influence
University of Massachusetts, Department of Communication	Critical Cultural Studies	Personal/Intercultural Comm.	Film Studies	Mass Communication	News Communication
Michigan State University, Mass Media Program	Advertising	Journalism	Telecommunication		
Michigan State University, Department of Communication	Interpersonal Comm.	Mediated Communication	Organizational Comm.	Health Communication	
University of Michigan, Department of Communication Studies					
Wayne State University, Department of Communication	NO RETURN				
University of Minnesota, School of Journalism and Mass Communication					
University of Minnesota, Department of Speech Communication	Communication Theory	Rhetorical Studies			
University of Southern Mississippi, School of Communication					
University of Missouri, School of Journalism					

University	Area 1	Area 2	Area 3	Area 4	Area 5
University of Missouri, Department of Communication A	Mass Communication	Organizational Comm.	Interpersonal Comm.	Political/Rhetoric	General
University of Nebraska Lincoln, Department of Commur	Interpersonal Comm.	Instructional Comm.	Organizational Comm.	Rhetoric and Culture	
Rutgers State University of New Jersey, School of Com	Comm. Processes	Media Studies	Library & Info. Studies		
University of New Mexico, Department of Communicati	Intercultural Comm.	Health Communication	Organizational Comm.	Rhetorical Communication	Mass Communication
Columbia University, School of Journalism	Journalism & Public Life	Socail Impact of Media	con & Regulation of Comm.	Info & Technical Systems	
Cornell University, Department of Communication	Uses & Effects of Media	social Psychology of Comm.	Environmental Science	Health Comm.	
New York University, Department of Culture and Comm	NO RETURN				
Syracuse University, S. I. Newhouse School of Public C					
SUNY Albany, Department of Communication	NO RETURN				
SUNY Buffalo, Department of Communication	Organizational Comm.	national/Intercultural Comm.	Mediated/Mass Comm.	Library & Info Science	
University of North Carolina, School of Journalism and	Legal&Historical Issues	International Comm.	Process and Effects	The Media as Business	
University of North Carolina, Department of Communica	Rhetorical&Critical Studies	Media & Cultural Studies	Interpersonal & Org Comm.	Performance Studies	
North Dakota State University, Department of Commun	Organizational Comm.	Interpersonal Comm.	Mass Communication		
Bowling Green State University, Department of Commu	Mass Media Studies	Communication & Culture			
Kent State University, School of Communication Studie	Interpersonal	Organizational	Media Studies		
Ohio State University, School of Journalism and Mass C	PO & Political Com.	Communication Tech.	Communication Media		
Ohio University, E. W. Scripps School of Journalism					
Ohio University, School of Interpersonal Communication	Organizational Comm.	Interpersonal Comm.	Intercultural Comm.	Rhetorical Criticism	Instructional Comm.
University of Oklahoma, Department of Communication	terpersonal/Social Influence	Mass/Political	Intercultural	Health	
University of Oregon, School of Journalism and Commu	Communication & Society				
Pennsylvania State, University College of Communicati	Media Effects	Policy & Law	Critical Culture	International	
Pennsylvania State University, Department of Speech C	Rhetoric & Public Address	Communication Theory	Health Communication	onal/Family/Lifespan Comm.	
Temple University, School of Communications and The					
University of Pennsylvania, Anneberg School for Comm	NO RETURN				
Duquesne University, Department of Communication ar	NO RETURN				
University of Pittsburgh, Department of Communication	NO RETURN				
University of South Carolina, College of Journalism and					
University of Tennessee, College of Communications	Advertising	Broadcasting	Journalism	Public Relations	Speech Communication
Texas A & M University, Department of Speech Commu	NO RETURN				
University of Texas, Department of Journalism	Quant&Qual Methods	Political Communication	ches of Press Performances		
University of Texas, Department of Radio, TV and Film	Mass Comm. Theory	Ethnic & Minority Comm.	& Sexuality Issues in Media	al&Cultural Studies of Media	International Comm.
University of Texas, Department of Communication Stu	Interpersonal Comm.	Organizational Comm.	Rhetoric & Language		
University of Texas, Department of Advertising					
University of Utah, Department of Communication	Mass Communication	Speech Communication			
Regent University, College of Communication and the A	Communication				
University of Washington, School of Communications					
University of Wisconsin Madison, School of Journalism					
University of Wisconsin, Department of Life Sciences C					
University of Wisconsin, Department of Communication	Communication Science	Film Theory & Criticism	Media & Cultural Studies	Rhetoric	
Howard University, Department of Communication and	Mass Communication	tercultural Comm.&Rhetoric	Organizational Comm.		