

**Alliance for Graduate Education and
Professoriate (AGEP)**

**Report on Data and Upcoming Data Collection
(The News is Good)**

Yolanda George

AAAS

Patricia Campbell

Tom Kibler

Rosa Carson

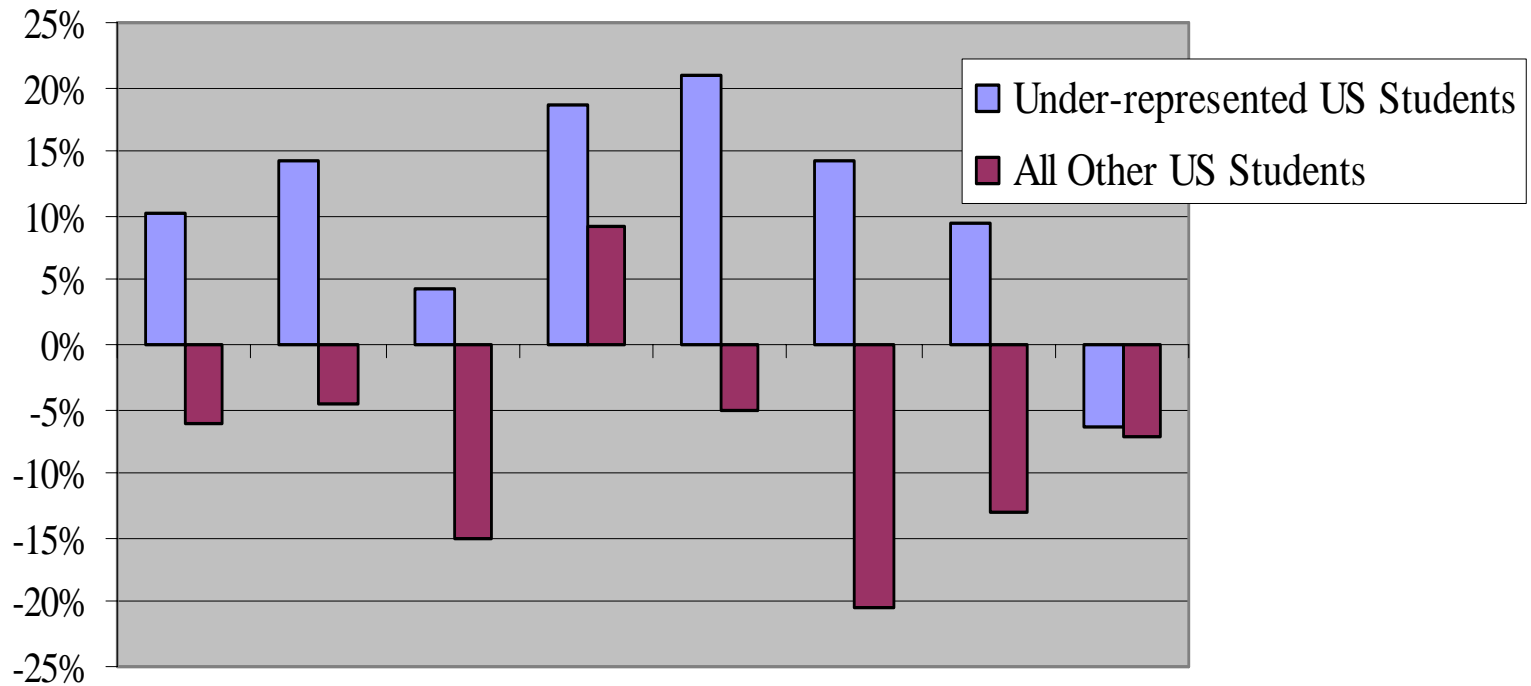
Campbell-Kibler Associates, Inc.

Shirley Malcom

AAAS

January, 2007

Annual Average Changes in STEM PhD Recipients: Pre-AGEP (1997-98 to 1999-00) to Mid-AGEP (2003-04 to 2004-05)



All STEM (N=62)
Natural Sciences/Eng (N=62)
Eng/Computer Sciences (N=58)
Bio/Ag Sciences (N=51)
Physical Sciences (N=55)
Mathematics (N=50)
Social Sciences (N=46)
Psychology (N=46)

Annual Average Changes in STEM PhD Recipients

Pre-AGEP (1997-98 to 1999-00), Early AGEP (2000-01 to 2002-03), Mid-AGEP (2003-04 to 2004-05)

N=62	Pre-AGEP	Early AGEP	Mid-AGEP	Pre/Mid Change
All URM (including UC)	546	568	602	56 (10.3%)
UC URM	143	152	147	4 (2.8%)
Other US Students (including UC)	5,841	5,330	5,478	-363 (-6.2%)

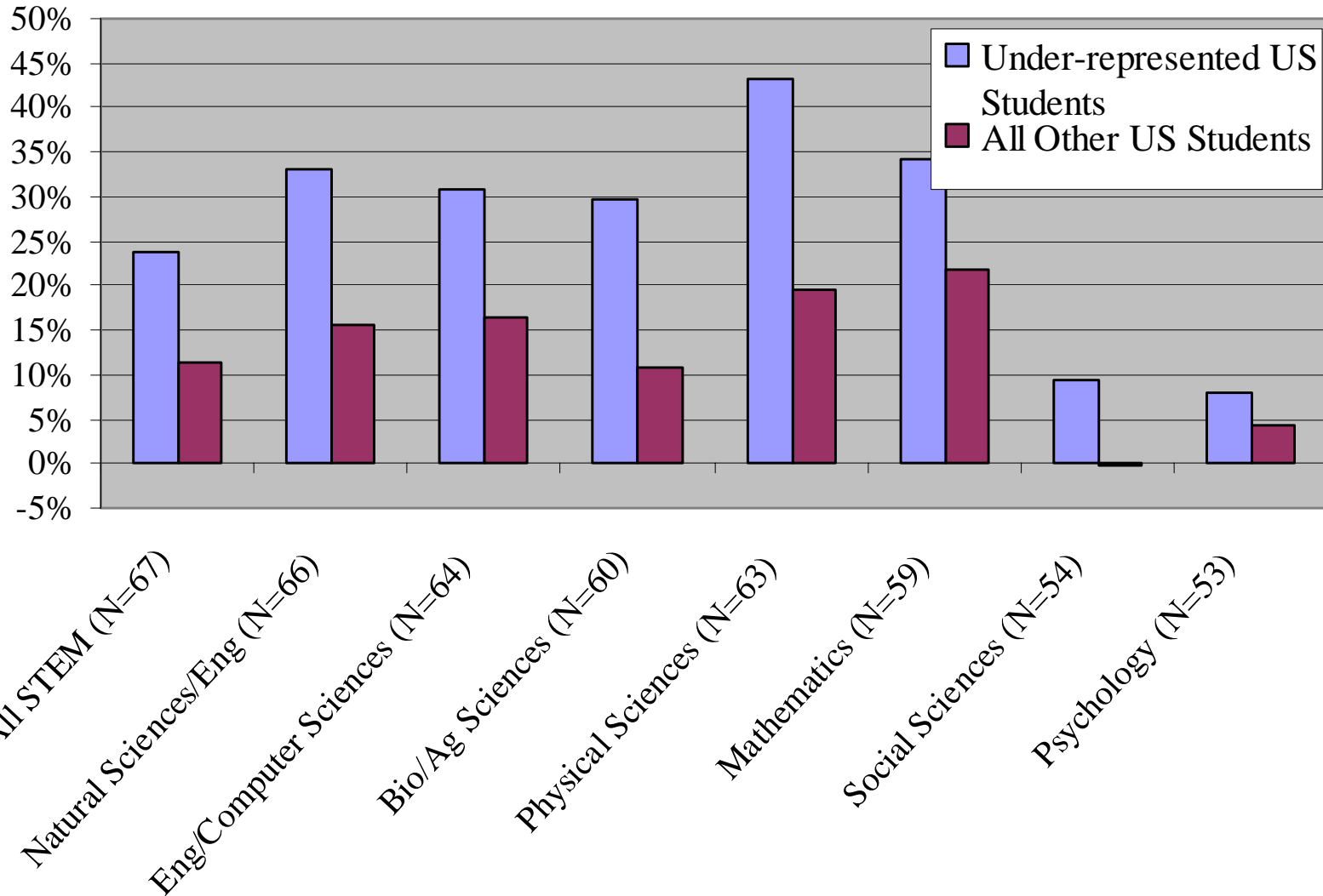
Annual Average Changes in STEM PhD Recipients by Sex

Pre-AGEP (1997-98 to 1999-00), Early AGEP (2000-01 to 2002-03), Mid-AGEP (2003-04 to 2004-05)

	Pre-AGEP		Early AGEP		Mid-AGEP		Pre/Mid Change	
	F	M	F	M	F	M	F	M
African American	574	480	638	529	699	540	125 (21.8%)	60 (12.5%)
Hispanic	430	545	508	608	603	712	173 (40.2%)	167 (30.6%)
American Indian/ Native Alaskan	50	49	59	61	57	68	7 (14%)	19 (38.8%)

Annual Average Changes in ALL STEM Graduate Student Enrollees:

Pre-AGEP (1997-98 to 1999-00) to Mid-AGEP (2003-04 to 2004-05)

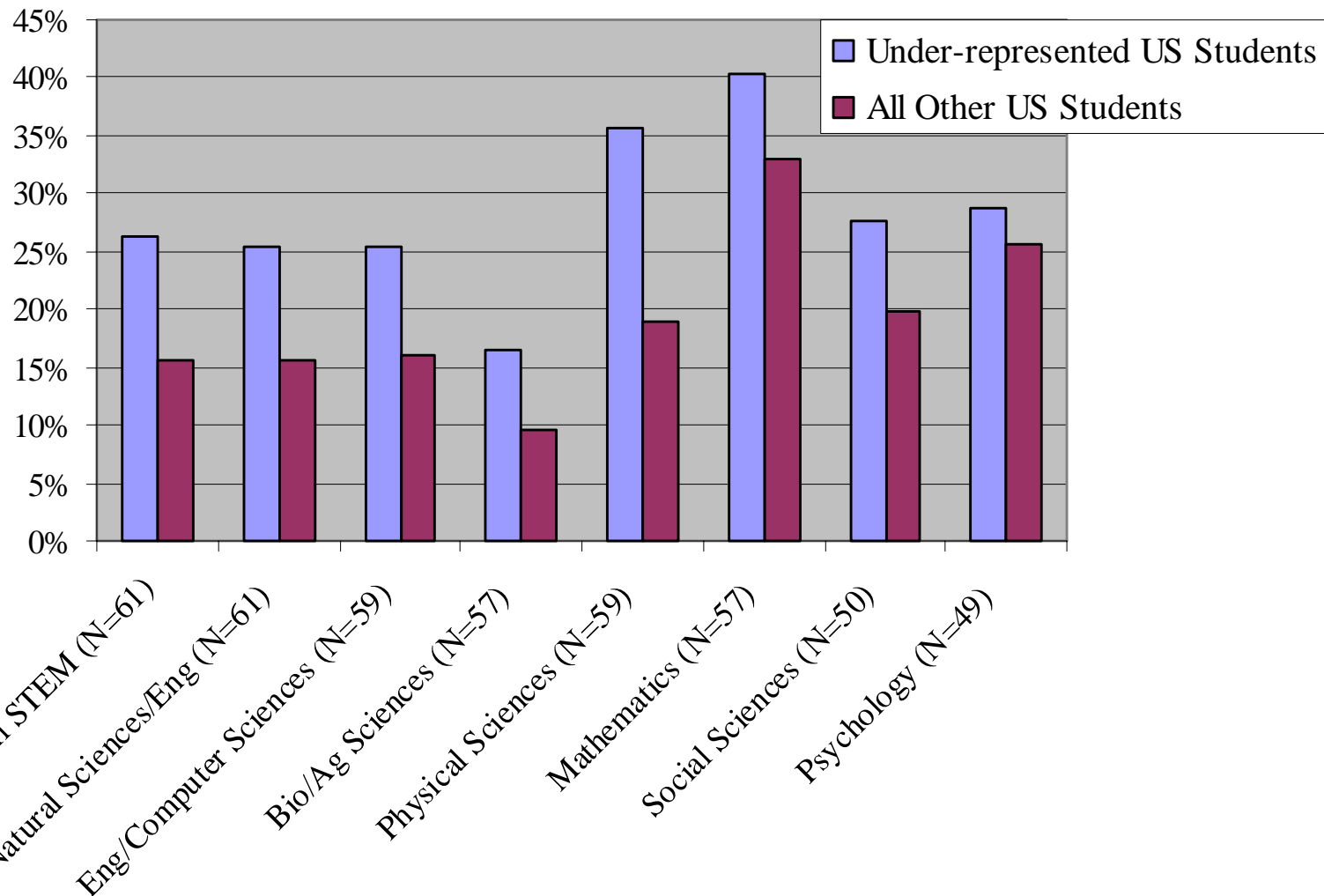


Annual Average Changes in ALL STEM Graduate Student Enrollees

Pre-AGEP (1997-98 to 1999-00), Early AGEP (2000-01 to 2002-03),
Mid-AGEP (2003-04 to 2004-05)

N=67	Pre- AGEP	Early AGEP	Mid- AGEP	Pre/Mid Change
All URM (including UC)	8,963	9,754	11,105	2,142 (23.9%)
UC URM	1,519	1,678	2,068	549 (36.1%)
Other US Students (including UC)	68,612	68,015	76,497	7,885 (11.5%)

Annual Average Changes in NEW Graduate Student Enrollees: Pre-AGEP (1997-98 to 1999-00) to Mid-AGEP (2003-04 to 2004-05)



Annual Average Changes in NEW STEM Graduate Student Enrollees

Pre-AGEP (1997-98 to 1999-00), Early AGEP (2000-01 to 2002-03),
Mid-AGEP (2003-04 to 2004-05)

N=61	Pre-AGEP	Early AGEP	Mid-AGEP	Pre/Mid Change
All URM (including UC)	2,105	2,377	2,657	552 (26.2%)
UC URM	369	471	552	183 (49.6%)
Other US Students (including UC)	15,307	16,375	17,895	2,588 (16.9%)

AGEP Data Submission Overview: 1997-2006

(Ok This News Isn't So Good)

80 institutions submitted data.

67 submitted data on All Enrollees from 1997-2006 but only
31 submitted data on PhD enrollees.

62 submitted data on PhD Recipients from 1997-2005.

61 submitted data on New Enrollees from 1997-2006 but only
29 submitted data on new PhD enrollees.

18 submitted data on Advance to Candidacy from 1997-2006.

9 submitted data on post PhD plans of under-represented PhD recipients from 1997-2006.

Things We Need To Work On

- Increasing the number of institutions providing longitudinal data
- Finding out just how many of those 2,657 URM New Enrollees are in PhD programs
- Finding out just how many of those 11,105 URM Graduate Enrollees are in PhD programs
- Learning where UMR PhD recipients go.

AGEP 2007 Full Data Template Changes

Institutions new to AGEP need to provide data from the 1999-2000 academic year forward (as do any other AGEPS who haven't already done so).

Social Sciences is now broken into four categories:

- Sociology
- Economics
- Political Sciences
- Other Social Sciences

Descriptions of the disciplinary areas can be found in the Survey of Earned Doctorates (SED) online

www.nsf.gov/statistics/nsf05300/pdf/survey.pdf

2007 AGEP Data Template: Not New But Needed

NEW Enrollees

NEW Fall Enrollees.

NEW Fall PhD Degree Enrollees ONLY.

NEW Fall Masters Degree Enrollees ONLY.

ALL Enrollees

ALL Fall Enrollees.

ALL Fall PhD Degree Enrollees ONLY.

ALL Fall Masters Degree Enrollees ONLY.

Post PhD Plans

Some Ways to Load the 2007 AGEP Data Template

Copy/Paste from Excel.

Copy/Paste from Access.

Use Microsoft Query in Excel.

Write Scripts (programs tightly coupled to software applications).

Data may need to be grouped, aggregated and sorted before these loading techniques can be used.

Next Steps

Template to Alliance Leaders: **March 31, 2007**

Data Due: **July 15, 2007**
(Cookies to the First Alliance)

Data Submission Summary: **August 15, 2007**
Introduction to Retention Tools/Data
(AKA PI/PD Meeting)

Report to NSF: **November 15, 2008**

Please remember

AGEP Data Due:

July 15, 2007