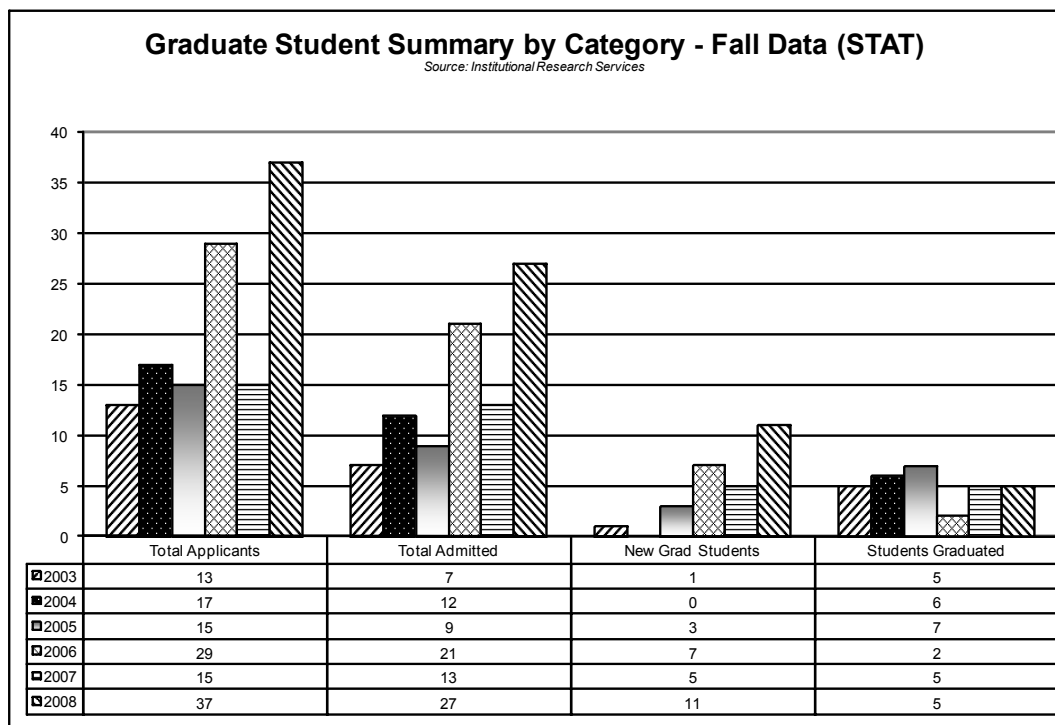
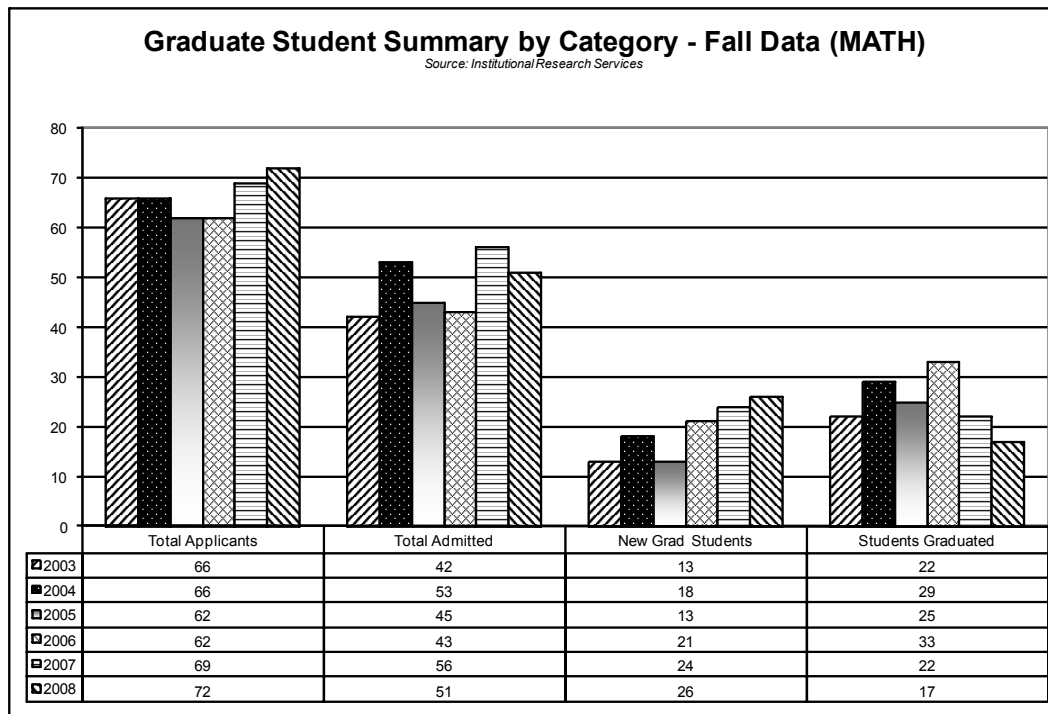


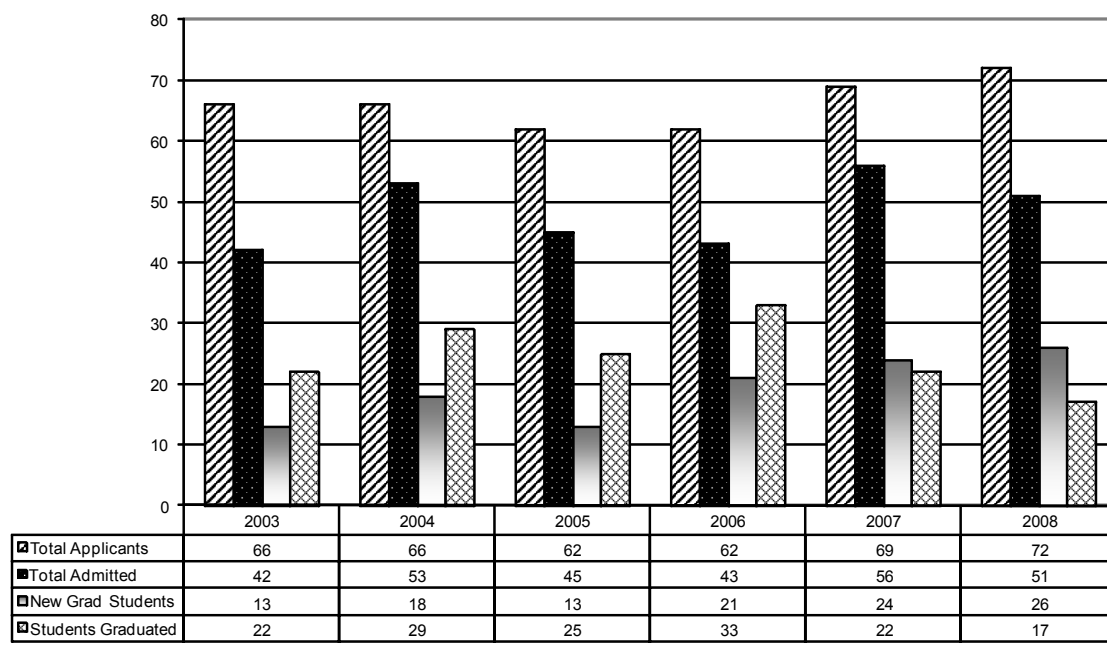
IV. Graduate Students

A. Demographics of applicants and enrolled students



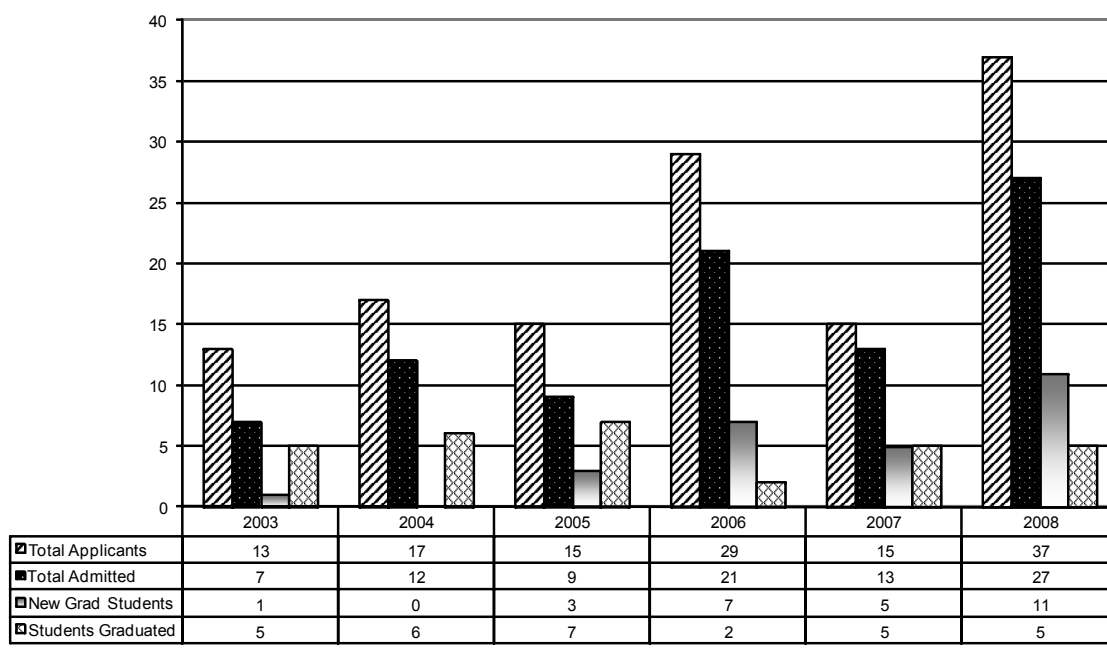
Graduate Student Summary by Year - Fall Data (MATH)

Source: Institutional Research Services



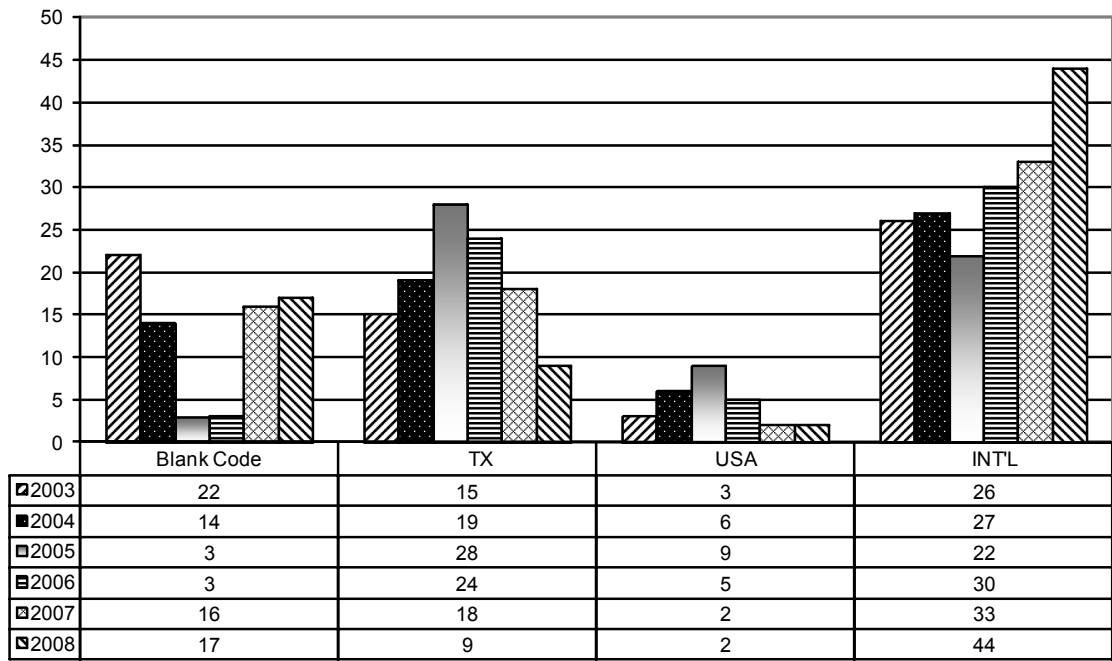
Graduate Student Summary by Year - Fall Data (STAT)

Source: Institutional Research Services



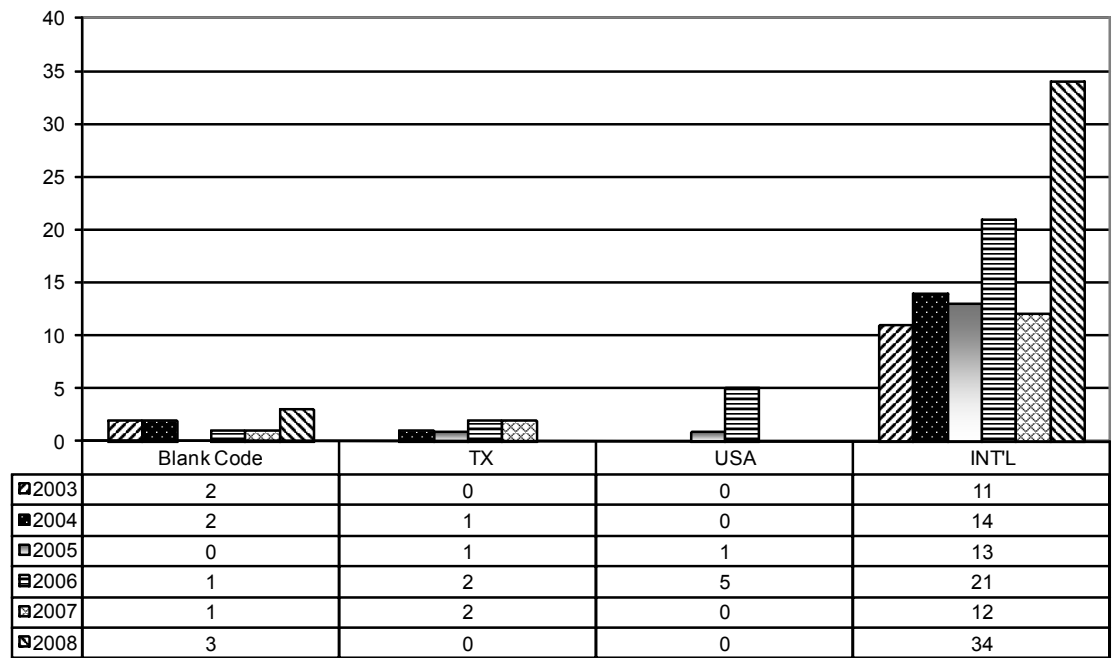
Graduate Applicants by Region - Fall/Summer Data (MATH)

Source: Institutional Research Services



Graduate Applicants by Region - Fall/Summer Data (STAT)

Source: Institutional Research Services



Mathematics:

Graduate Applicants - Fall Data												
	2003		2004		2005		2006		2007		2008	
	F	M	F	M	F	M	F	M	F	M	F	M
Amer Ind	0	0	0	0	1	0	0	0	0	0	0	0
Asian	0	0	0	1	1	2	3	2	1	0	1	0
Black	1	1	0	0	1	0	1	1	0	0	1	2
Hispanic	1	1	3	2	1	3	3	5	1	3	2	2
Non-Resident	6	19	8	19	8	12	5	13	15	16	11	27
Unknown	0	2	1	5	1	3	1	7	2	2	3	3
White	16	19	14	13	10	19	5	16	13	16	9	11
Gender Total	24	42	26	40	23	39	18	44	32	37	27	45
Total Applicants	66		66		62		62		69		72	
Admitted Graduate Students - Fall Data												
	2003		2004		2005		2006		2007		2008	
	F	M	F	M	F	M	F	M	F	M	F	M
Amer Ind	0	0	0	0	0	0	0	0	0	0	0	0
Asian	0	0	0	1	1	0	1	1	1	0	1	0
Black	0	1	0	0	1	0	1	1	0	0	1	2
Hispanic	1	1	3	2	1	3	3	5	1	3	1	1
Non-Resident	2	9	5	16	5	7	3	9	12	12	9	14
Unknown	0	1	0	3	1	2	0	2	0	2	2	3
White	12	15	11	12	7	17	4	13	10	15	8	9
Gender Total	15	27	19	34	16	29	12	31	24	32	22	29
Total Admitted	42		53		45		43		56		51	
Enrolled New Graduate Students - Fall Data												
	2003		2004		2005		2006		2007		2008	
	F	M	F	M	F	M	F	M	F	M	F	M
Amer Ind	0	0	0	0	0	0	0	0	0	0	0	0
Asian	0	0	0	1	0	0	1	0	0	0	0	0
Black	0	1	0	0	0	0	1	0	0	0	0	1
Hispanic	1	1	1	1	1	2	0	3	0	1	0	0
Non-Resident	0	1	1	4	1	2	3	3	7	3	3	6
Unknown	0	0	0	0	1	1	0	1	0	3	2	1
White	5	4	5	5	1	4	2	7	2	8	7	6
Gender Total	6	7	7	11	4	9	7	14	9	15	12	14
Total Enrolled	13		18		13		21		24		26	

Mathematics (Cont'd.):

Demographics of Enrolled Graduate Students - Fall Data												
	2003		2004		2005		2006		2007		2008	
	F	M	F	M	F	M	F	M	F	M	F	M
Amer Ind	0	0	0	0	0	0	0	0	0	0	0	0
Asian	1	0	0	1	1	2	2	0	1	0	1	0
Black	1	2	0	1	0	2	1	1	1	1	1	1
Hispanic	2	2	3	2	3	3	1	6	1	7	1	5
Non-Resident	7	13	6	15	8	16	8	16	13	12	13	12
Unknown	1	3	1	2	4	3	1	3	0	6	2	6
White	22	29	22	24	15	24	12	23	8	25	13	30
Gender Total	34	49	32	45	31	50	25	49	24	51	31	54
Graduate	83		77		81		74		75		85	
Demographics of Enrolled Undergraduate Students - Fall Data												
	2003		2004		2005		2006		2007		2008	
	F	M	F	M	F	M	F	M	F	M	F	M
Amer Ind	0	1	0	0	1	0	0	0	0	1	0	1
Asian	1	2	1	2	2	1	3	4	6	5	4	5
Black	2	3	1	3	0	1	1	3	0	5	2	5
Hispanic	10	10	11	14	9	13	8	11	12	13	12	14
Non-Resident	1	0	0	1	0	3	0	4	1	0	1	0
Unknown	1	0	1	1	0	2	0	2	0	2	0	0
White	71	77	77	84	69	84	57	75	53	65	54	52
Gender Total	86	93	91	105	81	104	69	99	72	91	73	77
Undergraduate	179		196		185		168		163		150	

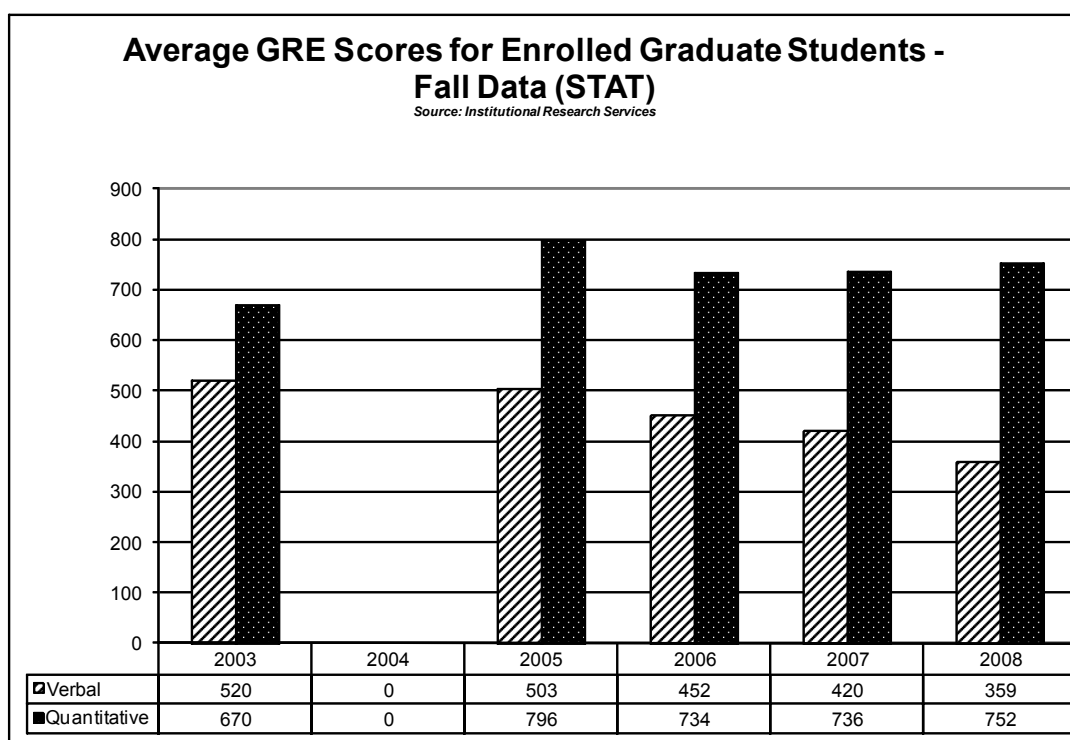
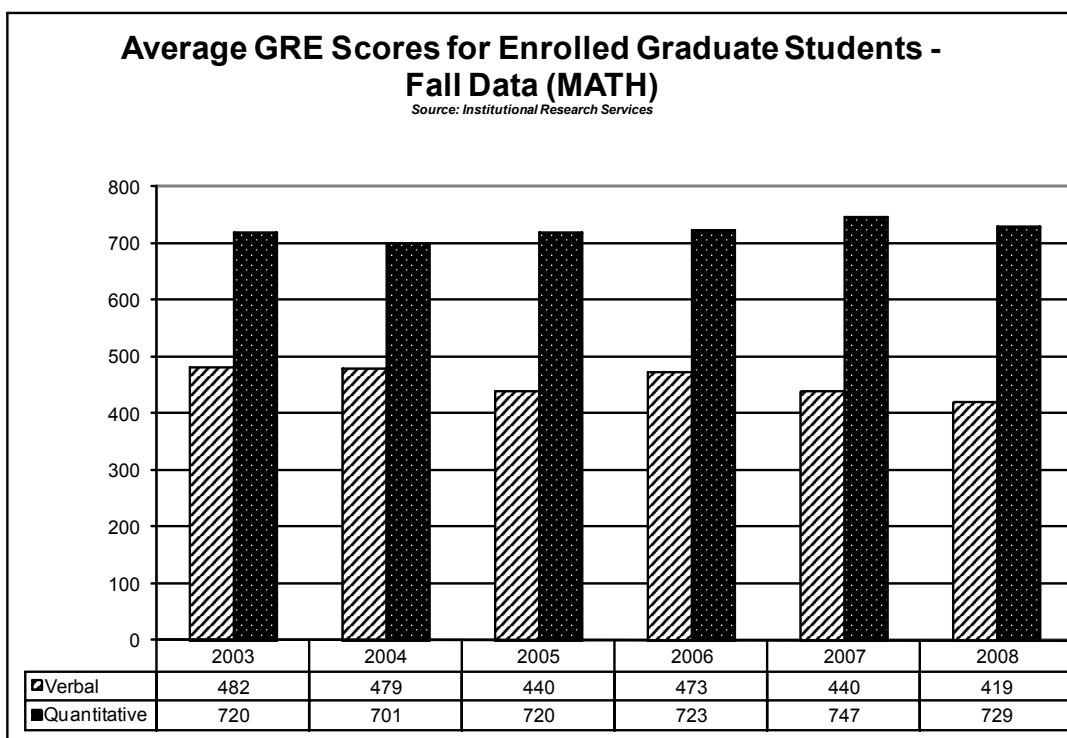
Statistics:

Graduate Applicants - Fall Data													
	2003		2004		2005		2006		2007		2008		
	F	M	F	M	F	M	F	M	F	M	F	M	
Amer Ind	0	0	0	0	0	0	0	0	0	0	0	0	
Asian	0	0	0	0	2	0	5	4	1	1	1	0	
Black	0	0	0	0	0	0	0	1	0	0	0	0	
Hispanic	0	0	0	0	0	0	0	1	0	1	0	0	
Non-Resident	5	6	5	9	7	3	4	4	5	3	19	11	
Unknown	0	0	0	1	1	1	4	1	1	1	1	2	
White	2	0	2	0	1	0	1	4	1	1	2	1	
Gender Total	7	6	7	10	11	4	14	15	8	7	23	14	
Total Applicants	13		17		15		29		15		37		
Admitted Graduate Students - Fall Data													
	2003		2004		2005		2006		2007		2008		
	F	M	F	M	F	M	F	M	F	M	F	M	
Amer Ind	0	0	0	0	0	0	0	0	0	0	0	0	
Asian	0	0	0	0	0	0	3	3	1	1	1	0	
Black	0	0	0	0	0	0	0	1	0	0	0	0	
Hispanic	0	0	0	0	0	0	0	1	0	1	0	0	
Non-Resident	3	2	5	5	5	2	2	3	5	1	13	9	
Unknown	0	0	0	0	0	1	4	1	1	1	1	1	
White	2	0	2	0	1	0	0	3	1	1	1	1	
Gender Total	5	2	7	5	6	3	9	12	8	5	16	11	
Total Admitted	7		12		9		21		13		27		
Enrolled New Graduate Students - Fall Data													
	2003		2004		2005		2006		2007		2008		
	F	M	F	M	F	M	F	M	F	M	F	M	
Amer Ind	0	0	0	0	0	0	0	0	0	0	0	0	
Asian	0	0	0	0	0	0	1	1	0	0	0	0	
Black	0	0	0	0	0	0	0	0	0	0	0	0	
Hispanic	0	0	0	0	0	0	0	0	0	1	0	0	
Non-Resident	1	0	0	0	2	1	1	1	2	1	6	4	
Unknown	0	0	0	0	0	0	1	1	1	0	0	1	
White	0	0	0	0	0	0	0	1	0	0	0	0	
Gender Total	1	0	0	0	2	1	3	4	3	2	6	5	
Total Enrolled	1		0		3		7		5		11		

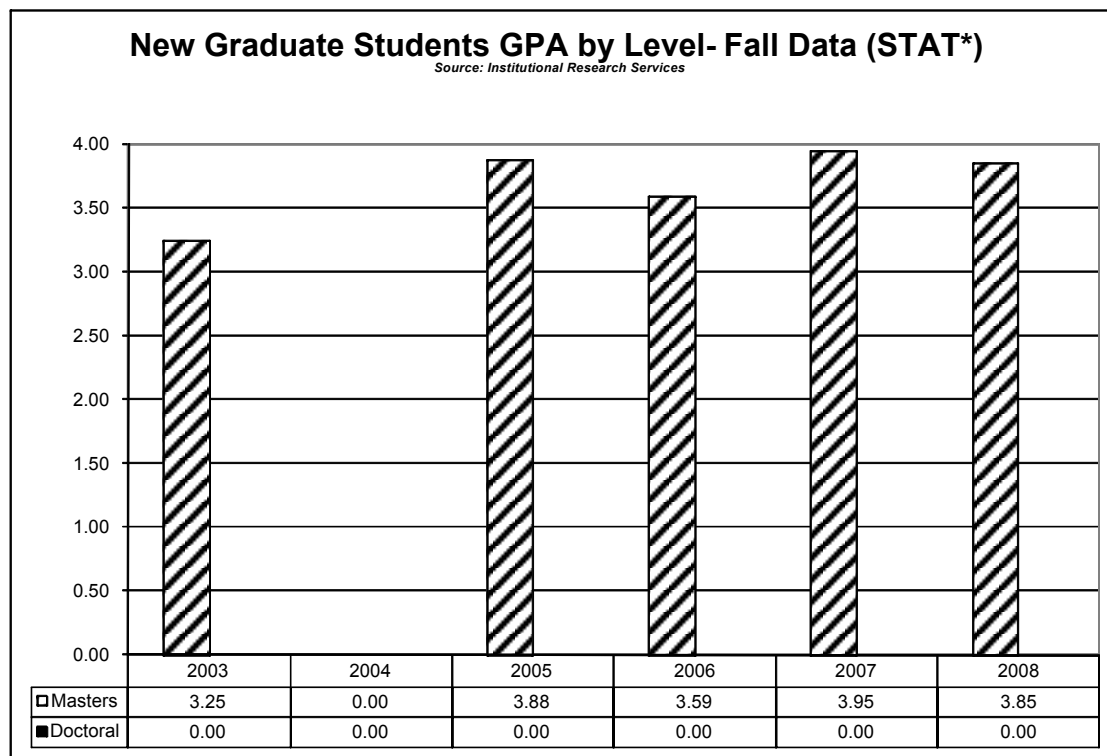
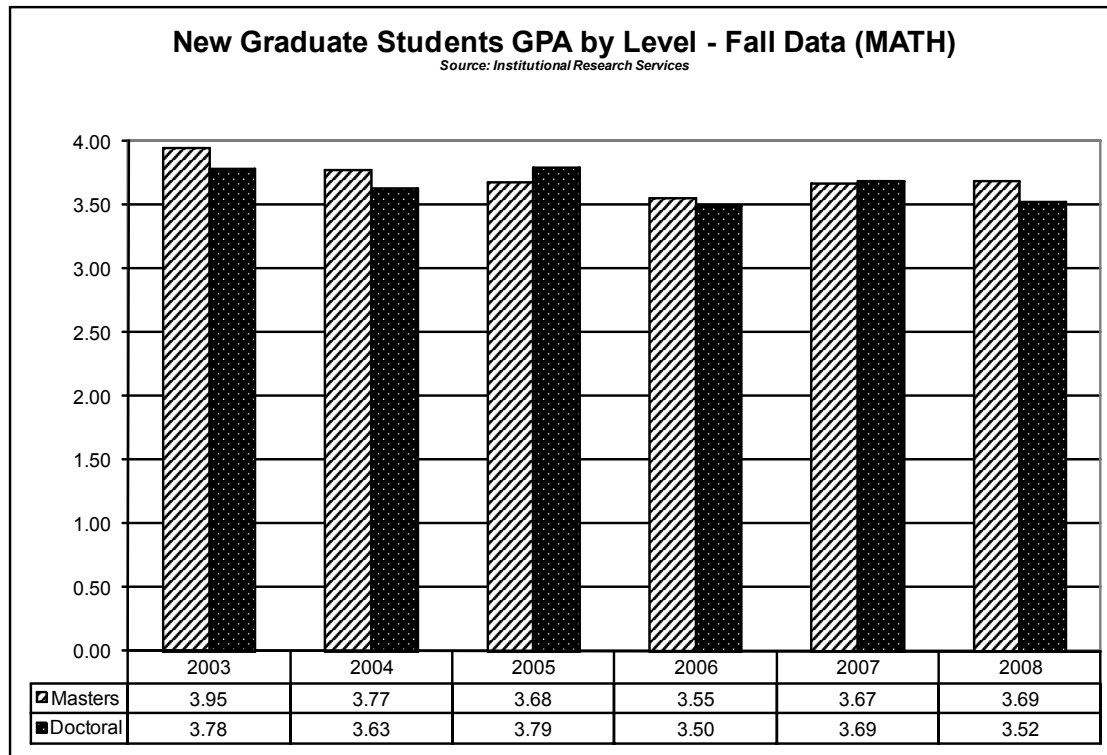
Statistics (Cont'd.):

Demographics of Enrolled Graduate Students - Fall Data												
	2003		2004		2005		2006		2007		2008	
	F	M	F	M	F	M	F	M	F	M	F	M
Amer Ind	0	0	0	0	0	0	0	0	0	0	0	0
Asian	1	1	0	1	0	1	1	1	2	2	2	0
Black	0	0	0	0	0	0	0	0	0	0	0	0
Hispanic	0	0	0	0	0	0	0	0	0	1	0	0
Non-Resident	4	3	4	3	6	2	6	2	6	2	8	6
Unknown	0	0	0	0	0	0	1	1	1	2	0	3
White	2	2	1	1	0	0	0	1	0	1	0	0
Gender Total	7	6	5	5	6	3	8	5	9	8	10	9
Graduate	13		10		9		13		17		19	
Demographics of Enrolled Undergraduate Students - Fall Data												
	2003		2004		2005		2006		2007		2008	
	F	M	F	M	F	M	F	M	F	M	F	M
Amer Ind	0	0	0	0	0	0	0	0	0	0	0	0
Asian	0	0	0	0	0	0	0	0	0	0	0	0
Black	0	0	0	0	0	0	0	0	0	0	0	0
Hispanic	0	0	0	0	0	0	0	0	0	0	0	0
Non-Resident	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
White	0	0	0	0	0	0	0	0	0	0	0	0
Gender Total	0	0	0	0	0	0	0	0	0	0	0	0
Undergraduate	0		0		0		0		0		0	

B. Test scores (GRE, GMAT and/or TOEFL) of enrolled students

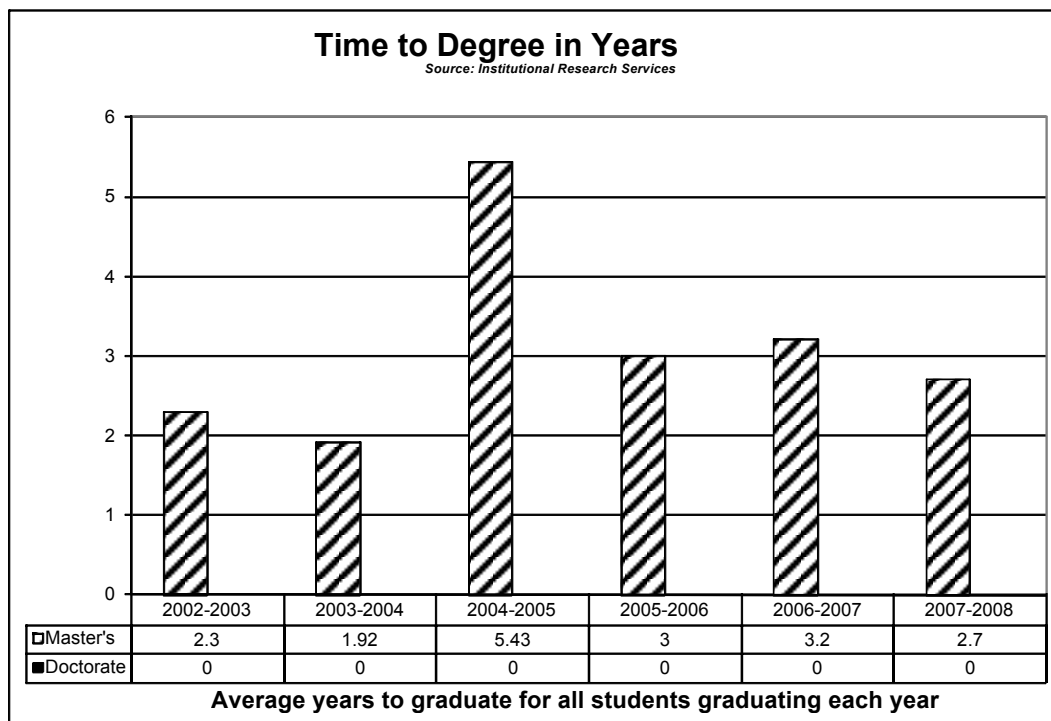
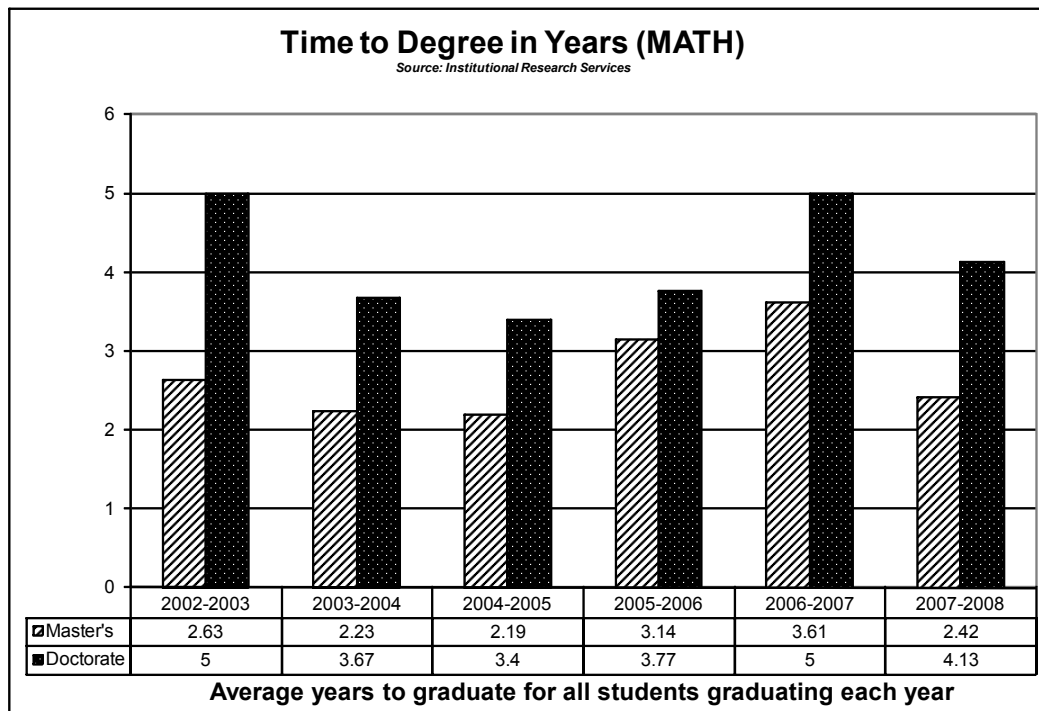


C. GPA of new students



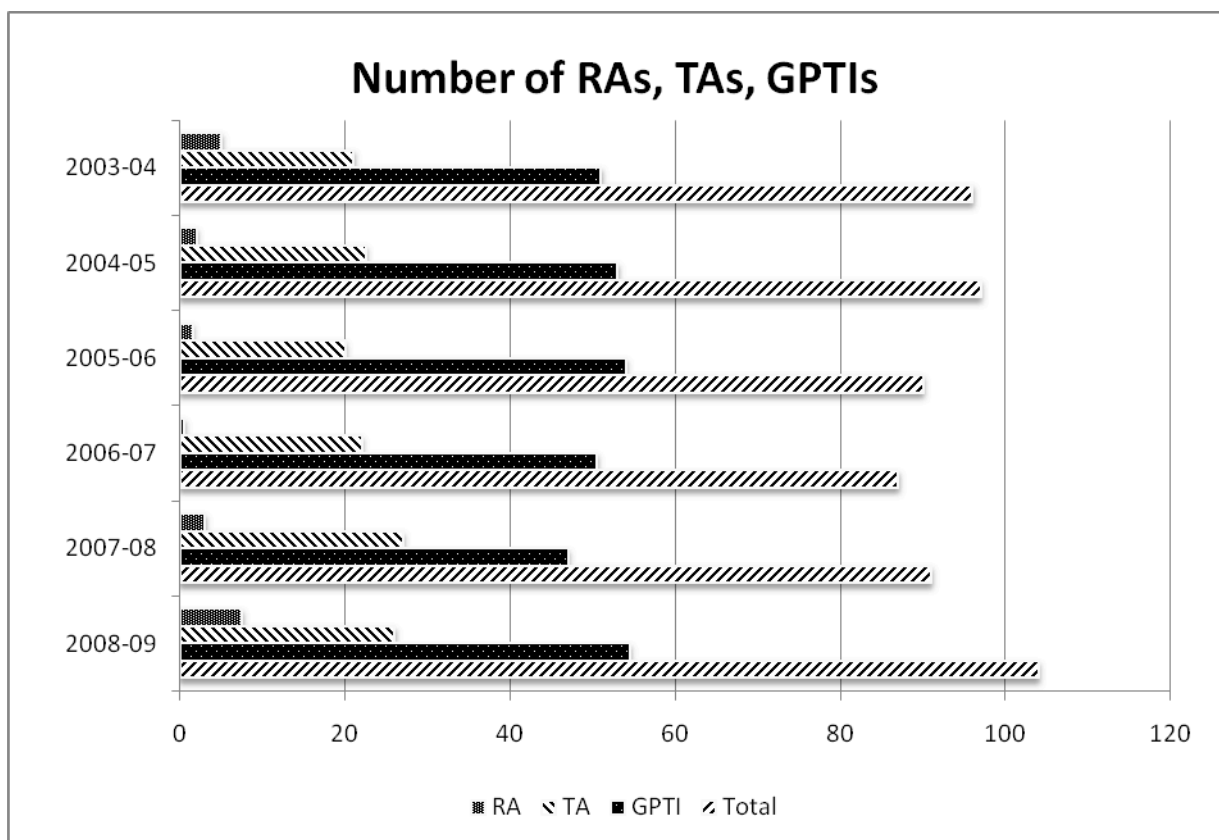
* There are no doctoral degrees in Statistics

D. Time to Degree in Years – Average years to graduate for all students graduating each year



* There are no doctoral degrees in Statistics

E. Number of RA's, TA's or GPTI's, with total number of graduate students in the program.



FY	RA	TA	GPTI	Total
2003-04	5	21	51	96
2004-05	2	22.5	53	97
2005-06	1.5	20	54	90
2006-07	0.5	22	50.5	87
2007-08	3	27	47	91
2008-09	7.5	26	54.5	104

F. Initial position and place of employment of graduates over the past 6 years

PhD 2003-04

Name	Advisor	Initial Position	Initial employer	Location
Karunaratne, Susitha	Hadjicostas, Petros	Assistant Professor	Purdue University	West Lafayette, IN
Lee, Seung, Hwan	Yang, Song			
Navaratna, Channa	Dayawansa, W.P.	Assistant Professor	Indiana University of Pennsylvania	Indiana PA
Perera, Pantaleon	Dayawansa, W.P.	College Lecturer	University of Peradeniya	Peradeniya, Sri Lanka

PhD 2004-05

Name	Advisor	Initial Position	Initial employer	Location
Emmert, Keith	Allen, Linda	Assistant Professor	Tarleton State	Stephensville, TX
Franklin, Scott	Smith, Philip	Assistant Professor	Wayland Baptist University	Lubbock, TX
Khoujmane, Ali	Ruymgaart, Frits			San Antonio
Lee, Eun-Joo	Ruymgaart, Frits	Assistant Professor	Mililain University	
Murphy, Eric	Williams, Brock Barnard, Roger	Chief, Advanced Analytic Concept Development Branch Studies & Analyses, Assessments and Lessons Learned	US Air Force	Pentagon
Omolo, Bernard	Ruymgaart, Frits	Assistant Professor	South Carolina Upstate	Spartanburg, SC
Swim, Edward	Seshaiyer, Padmanabhan	Assistant Professor	Air Force Institute of Technology	Wright Paterson AFB, Dayton Ohio
Willis, Nicholas	Weinberg, David	Assistant Professor	Whitworth University	Spokane, WA

PhD 2005-06

Name	Advisor	Initial Position	Initial employer	Location
Bandulasiri, Ananda	Patrangenu, Victor	Assistant Professor	Sam Houston State University	Huntsville, TX
Bumpus, J'Lee	Williams, Brock	Assistant Professor	Austin College	Sherman, TX
Chen, Baili	Martin, Clyde		School of Medicine Washington University St. Louis	St. Louis, MO
Fernando, Harshini	Paige, Robert	Assistant Professor	Purdue University	West Lafayette, IN
Holsapple, Raymond	Iyer, Ram	Research Mathematician	US Air Force	Air Force Research Lab, Wright Patterson AFB, Dayton, OH
Hume, Casey	Williams, Brock Barnard, Roger	Instructor	Texas Tech University	
Koskodan, Rachel	Allen, Edward		National Security Agency	
Martin, David	Williams, Brock Barnard, Roger	Assistant Professor	Sul Ross State University	Alpine, TX
Navaratna, Menaka	Dayawansa, W. P.	Assistant Professor	Florida Gulf Coast University	Ft. Myers, FL

Palamakumbura, Rathnamali	Dayawansa, W. P.	College Lecturer	University of Peradeniya	Peradeniya, Sri Lanka
Sugathadasa, Samanmalee	Patrangenaru, Victor	Instructor	Texas Tech University	

PhD 2006-07

Name	Advisor	Initial Position	Initial employer	Location
Cupidon, Jean Rene	Ruymgaart, Frits	PhD Student	Dept of Economics Texas Tech University	Lubbock, TX
McGee, Shelly	Seshaiyer, Padmanabhan	Instructor	Texas Tech University	Lubbock, TX
McGee, Wayne	Seshaiyer, Padmanabhan	Instructor	Texas Tech University	Lubbock, TX
Talukder, Mohammed Hanif	Mansouri, Hossein	Professor	Albany State University	Albany, GA
Wang, Keyi	Paige, Robert Sun, Shan	Biomathematician	Edwards Lifesciences	
Yan, Ke	Paige, Robert Sun, Shan	Instructor	Medical College of Wisconsin	Milwaukee, WI

PhD 2007-08

Name	Advisor	Initial Position	Initial Employer	Location
Ji, Xiao Yi	Ruymgaart, Frits	Assistant Professor	Utah Valley University	Orem, UT
Pang, Johnny	Ruymgaart, Frits	Assistant Professor	Monmouth University	West Long Branch, NJ
Wesley, Curtis	Allen, Linda	Assistant Professor	Louisiana State	Shreveport, LA

PhD 2008-09

Name	Advisor	Initial Position	Initial Employer	Location
Cakmak, Adem	Aulisa, Eugenio	Assistant Professor	Ohio University	Lancaster, OH
Charles, Janelle	Martin, Clyde F	Biostatistician	Food and Drug Administration	
Ekanayake, Amy	Allen, Linda	Assistant Professor	Western Illinois University	Macomb, IL
Ekanayake, Dinesh	Iyer, Ram	Assistant Professor	Western Illinois University	Macomb, IL
Kennaugh, Charles	Lewis, Wayne			

MS 2003-04

Name	Advisor	Initial Position	Initial Employer	Location
Anantharaman, Krithiga	Martin, Clyde			India
Bailey, Benjamin	Hadjicostas, Petros Pearce, Kent	Instructor	Texas Tech University	Lubbock, TX
Bouquin, Samantha	Schovanec, Lawrence	Teaching	Edinboro University	Edinboro, PA
Bumpus, J'lee	Williams, Brock	PhD Student	Texas Tech University	
Busse, Theresa	Shubov, Marianna	Faculty	Western State College	Gunnison, CO
Chen, Baili	Martin, Clyde	PhD Student	Texas Tech University	Lubbock, TX
Cline, Rachel	Temple, Jo	Instructor	Texas Tech University	Lubbock, TX

Gao, Yuqing	Sun, Shan			
Harris, Sheyleah	Temple, Jo	Instructor	South Plains College	Levelland, TX
Hill, Robert	Sun, Shan			
Hopkins, Tim	Allen, Edward			
Johnson, Vijay	Gilliam, David	Programming		
	Seshaiyer, Padmanabhan			
Kaskela, Kiyomi	Allen, Linda	Instructor	Texas Tech University	Lubbock, TX
Kemp, Zachary	Schovanec, Lawrence	PhD Student	Iowa State University	
Kinard, Matthew	Allen, Edward			
Kiskodan, Rachel	Gilliam, David	PhD Student	Texas Tech University	Lubbock, TX
Lewis, Nalo	Paige, Robert			
Lutes, Brad	Juan, Lourdes	PhD Student	Texas A&M	College Station, TX
Martines, Ian	Allen, Edward	PhD Student	UT-Arlington	Arlington, TX
McCormack, Robert	Allen, Linda	PhD Student	Texas Tech University	Lubbock, TX
Navaratna, Menaka	Dayawansa, W. P.			
Perera, Niranjala	Allen, Linda	Teaching		Sri Lanka
Plant, Robert	Shubov, Marianna	Instructor	South Plains College	Levelland, TX
Randeniya, Duminda	Dayawansa, W. P.	PhD Student	University of Florida	
Schmitz, Charlotte	Seaquist, Carl			
Smith, Heather	Temple, Jo	Instructor	Houston Community College	Houston, TX
Trent, Ashley	Iyer, Ram	Instructor	Texas Tech University	Lubbock, TX
Walby, Syna	Wang, Alex			
Wilson, Sherri	Surles, James			
Yan, Ke	Sun, shan	PhD Student	Texas Tech University	Lubbock, TX

MS 2004-05

Name	Advisor	Initial Position	Initial Employer	Location
Ahedor, Gideon Yao	Sun, Shan			
Baghdadi, Marinos	Gilliam, David		HEYCO Energy Group	
Chenault, Leah	Dwyer, Jerry	Instructor	Ropesville High School	Ropesville, TX
Cooke, David	Dwyer, Jerry	Instructor	Scripps Ranch High School	San Diego, CA
Drew, Amy	Allen, Edward	PhD Student	Texas Tech University	Lubbock, TX
Duke, Billy	Dwyer, Jerry	Instructor	College of Southern Nevada	Las Vegas, NV
Fowler, Jacqueline	Schovanec, Lawrence			
Froman, Jason	Harris, Gary	Teacher	Lamesa ISD	Lamesa, TX
Gaumond, Tina	Dayawansa, W. P.	PhD Student	Texas Tech University	Lubbock, TX
Hanlon, Bret	Martin, Clyde	Graduate Student	Cornell University	
Hayes, James	Allen, Edward	Instructor	Texas Tech University	Lubbock, TX
Hedges, Jeremy	Schovanec, Lawrence		Coiled Tubing Engineering Systems	
Hough, Benjamin	Wang, Alex			
Jones, Marilyn	Seaquist, Carl	Teacher	Slaton ISD	Slaton, TX

Kelter, Charity	Wang, Alex	Instructor	Glendale Community College	Glendale, AZ
Klein, Amanda	Dwyer, Jerry	Instructor	Texas Tech University	Lubbock, TX
Miller, Brian	Monico, Chris	PhD Student	Texas Tech University	Lubbock, TX
Pang, Wai Kong	Ruymgaart, Frits	PhD Student	Texas Tech University	Lubbock, TX
Peterson, Kimberly	Lewis, Wayne			
Stewart, David	Page, Robert			
Stout, Terra	Dwyer, Jerry	Instructor	Texas State Technical College	Abilene, TX
Walker, Matthew	Gilliam, David	Actuary	American General Finance	
Williams, Lina	Korchagin, Anatoly	PhD Student	Florida State University	Tallahassee, FL
Zhang, Lan	Sun, Shan			

MS 2005-06

Name	Advisor	Initial Position	Initial Employer	Location
Babanazarov, Bahtiyar	Martin, Clyde	Graduate student	College of BusinessTexas Tech University	Lubbock, TX
Bartlett, Jennifer	Williams, Brock	Professor	Amarillo College	Amarillo, TX
Callaway, Brenton	Ibraguimov, Akif		National Security Agency	
Chen, Rong-Tsung (Jason)	Martin, Clyde			
Dixit, Atul	Barnard, Roger Solynin, Alexander	PhD Student	University of Illinois	
Ekanayake, Dinesh	Dayawansa, W.P.	PhD Student	Texas Tech University	Lubbock, TX
Ekanayake, Dinesh	Iyer, Ram	PhD Student	Texas Tech University	Lubbock, TX
Ferguson, Lauren	Seshaiyer, Padmanbhan	PhD Student	Texas A&M	College Station, TX
Ha, Andrew	Dwyer, Jerry	Instructor	Weatherford College	Weatherford, TX
Harrison, Dawn	Sequist, Carl			
Head, Julia	Williams, Brock	Instructor	Texas Tech University	Lubbock, TX
Hinojosa, Amanda	Seshaiyer, Padmanbhan		Raytheon	Dallas, TX
Holder, Daniel	Martin, Clyde			Nicuragua
Jean, Larry	Ibraguimov, Akif	Graduate Student	University of Washington	Seattle, WA
Kundomal, Chellaram	Seshaiyer, Padmanbhan	Instructor	Texas Tech University	Lubbock, TX
Lawrence, Karen	Martin, Clyde		Raytheon	
McNeely, Rachelle	Iyer, Ram	Instructor	Antonion College Prep	San Antonio, TX
Parras-Cisneros, Jessica	Dwyer, Jerry		Raytheon	Dallas, TX
Peterson, Michael	Monico, Chris	Graduate Student	University of Cental Florida	Orlando, FL
Rasberry, Darrin	Ledet, Arne	PhD Student	Iowa State	
Sherrod, Sonya	Dwyer, Jerry	PhD Student	College of Education Texas Tech University	Lubbock, TX
Singh, Akashdeep	Patrangenaru, Victor			
Tate, Kevin	Ibraguimov, Akif		Raytheon	Dallas, TX

Williams, Alexander	Barnard, Roger Pearce Kent	PhD Student	Texas Tech University	Lubbock, TX
Xie, Xianyun	Sun, Shan			
Xu, Yaji	Allen, Linda	PhD student	UT School of Public Health	

MS 2006-07

Name	Advisor	Initial Position	Initial Employer	Location
Arizpe, Omar	Dwyer, Jerry	Instructor	Antonian College Prep	San Antonio, TX
Badev, Anton	Monico, Chris	PhD Student	Economics University of Pennsylvania	Philadelphia, PA
Bulut, Memet	Monico, Chris	Teacher	Harmony Science Academy	Lubbock, TX
Erwin, Brock	Hadjicostas, Petros Pearce, Kent	Instructor	Texas Tech University	Lubbock, TX
Flores, Raymond	Pearce, Kent Olivarez, Arturo	Graduate Student	College of Education Texas Tech University	Lubbock, TX
Gunathilaka, Unawatuna	Ruymgaart	Graduate Student	Actuarial Science University of Connecticut	Mansfield, CT
Hernandez-Padilla	Roeger, Lih-Ing	Instructor	Texas Tech University	Lubbock, TX
Huo, Lin	Martin, Clyde	Graduate Student	UT school of Public health	
Jiang, Huilan	Sun, Shan			
Jordan, C. Byron	Martin, Clyde			San Antonio, TX
Liang, Yan	Sun, Shan			
Lu, Jun	Martin, Clyde			Houston, TX
Lu, Yonggang	Ruymgaart, Frits			
McGinnis, Elizabeth	Seshaiyer, Padmanabhan	Teacher	Monterey High School	Lubbock, TX
Miller, Torill	Sequist, Carl			
Murphy, Saralyn	Harris, Gary	Teacher	Independence High School	Williamson, TN
Rajanala, Ranjeet	Seshaiyer, Padmanabhan			
Simsek, Hakan	Allen, Edward			
Su, Yu	Seshaiyer, Padmanabhan			

MS 2007-08

Name	Advisor	Initial Position	Initial Employer	Location
Al-Hashmi, Sam	Martin, Clyde	Graduate Student	Mechanical Engineering Texas Tech University	Lubbock, TX
Banerjee, Chandrani	Allen, Linda	Instructor	Texas Tech University	Lubbock, TX
Corriette, Irene	Martin, Clyde	Instructor	Texas Tech University	Lubbock, TX
He, Bo	Martin, Clyde	Graduate Student	UT school of Public health	
Ho, Christina	Gilliam, Kathleen	Graduate Student	Rice University	Houston, TX
Johnson, Elisa	Sequist, Carl	Teacher		Amarillo, TX
Kliwer, Anton	Martin, Clyde	PhD Student	Texas Tech University	Lubbock, TX
Lawless, Steven	Monico, Chris	Defense Contractor		Arizona

Lu, Jun	Martin, Clyde			Houston, TX
Ren, Xiaojing	Iyer, Ram	PhD Student	University of Michigan	Ann Arbor, MI
Sanchez, Cesar	Harris, Gary	Instructor	Odessa College	Odessa, TX
Sanghvi, Palak	Martin, Clyde			New Jersey
Sun, Shuanglin	Trindade, Alex			
Wang, Xiaolin	Trindade, Alex	PhD Student	University of Washington	Seattle, WA
Zhou, Renke	Martin, Clyde	Graduate Student	UT school of Public health	

MS 2008-09

Name	Advisor	Initial Position	Initial Employer	Location
Adikari, Upeksha	Ruymgaart, Frits	Instructor	University of Houston	Houston, TX
Bacon, Jason	Neusel, Mara	Instructor	Cisco College	Cisco, TX
Brazile, Calandra	Iyer, Ram		Food and Drug Administration	
Casas, Natevidad	Seaquist, Carl			
Chen, Yu	Trindade, Alex			
Hensley, Nicholas	Martin, Clyde	PhD Student	Texas Tech University	Lubbock, TX
Hollingsworth, Taylor	Harris, Gary			
Lopez, Jose	Surles, James	PhD Student	College of Business Texas Tech University	Lubbock, TX
McCluskey, Ryan	Dwyer, Jerry			
Muhammad, Uzair	Iyer, Ram			
Raymond, Dick	Monico, Chris	Instructor	Department of Mathematics Texas Tech University	Lubbock, TX
Skjestad, Erin	Dwyer, Jerry	PhD Student	College of Business Texas Tech University	Lubbock, TX
Wang, Ning	Martin, Clyde			
Wickramsinghe, Indika	Hadjicostas, Petros	PhD Student	Texas Tech University	Lubbock, TX

G. Type of financial support available for graduate students

The majority of our graduate students are funded through part time Graduate Teaching Assistantships (GTA). The beginning stipend for the 2008-2009 academic year was \$14,800. In addition, students receive a supplement of \$150 per month to cover medical insurance.

Appendix I includes data that provides a comparison of financial support provided to graduate students in mathematics and statistics with the other Big 12 schools. When sorted by minimum net compensation for TAs, the department ranked eighth in the Big 12 according to 2008 data.

All students in good standing are provided support for the two summer sessions at \$2,466 per session. Graduate students receive a salary increase of \$2,000 when they pass the preliminary examinations and a \$500 increase when they pass the qualifying exams. Students in good

standing usually receive at least \$500 per year as a scholarship funded from graduate tuition.

Generally, GTA's are required to teach 2 lower-level undergraduate courses once they have accrued 18 graduate credit hours. If graduate students do not have classroom teaching responsibilities, they are given grading duties or assist faculty who teach larger class sections. In this case, their duties consist of conducting problem solving sessions and keeping office hours.

The Mathematics & Statistics Department awards approximately \$10,000 in special graduate student scholarships each year. The scholarships provided come from the following endowments:

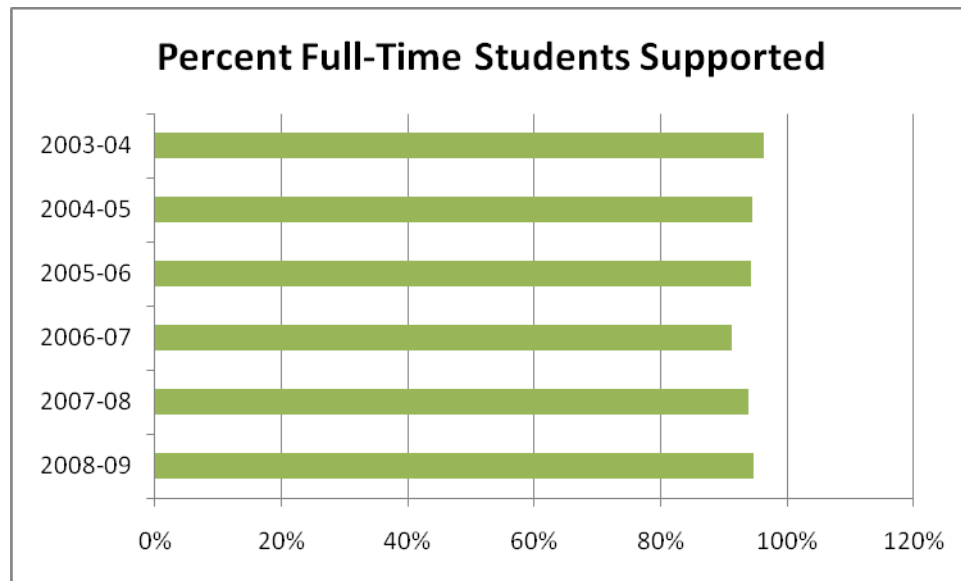
<u>Scholarship</u>	<u>Endowment Balance</u>
Ronald M. Anderson	\$60,597
W.P. Dayawansa	\$4,925
Benjamin S. Duran	\$10,084
Gordon Fuller	\$67,804
Patrick Odell	\$28,733
Hermann Reynolds	\$13,929
SIAM	\$21,632
John T. White	\$65,787

Graduate students also receive summer thesis scholarships that provide one-month summer support and Chancellors Fellowships are awarded to the department each year. That data is summarized in the next table.

H. Number of students who have received national and university fellowships, scholarships and other awards

AWARD	03/04		04/05		05/06		06/07		07/08		08/09	
	\$	# Stud	\$	# Stud	\$	# Stud	\$	# Stud	\$	# Stud	\$	# Stud
University Awards												
AT&T Chancellors	\$22,500	8	\$22,500	8	\$15,000	5	\$3,000	1	\$6,000	2	\$9,000	3
Hazlewood							\$3,000	1				
Helen DeVitt Jones							\$3,500	1	\$5,250	1	\$7,000	2
McNair	\$6,000	2										
Summer Dissertation	\$8,000	4	\$4,600	2			\$4,600	2	\$2,300	1	\$2,300	1
External Awards												
ARCS									\$10,000	2		
Department Awards												
R. Anderson			\$500	1	\$1,000	1	\$2,000	1	\$2,500	3	\$1,750	3
B. Duran												
G. Fuller	\$2,000	4	\$1,500	3	\$2,000	2	\$2,500	1	\$5,000	6	\$3,500	4
P. Odell					\$750	1	\$2,000	2	\$1,750	2	\$3,500	4
J. White	\$2,000	4	\$1,500	3	\$2,000	2	\$4,000	3	\$1,750	4	\$4,750	5
SIAM					\$1,000	2	\$2,000	2	\$2,000	2	\$2,500	3
H. Reynolds					\$500	1					\$4,000	8

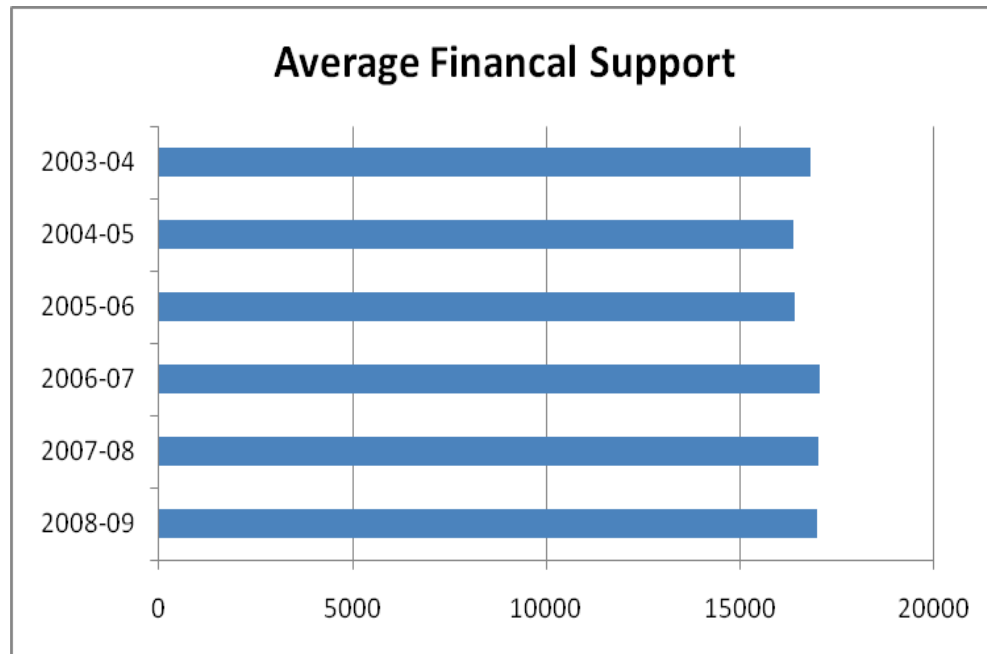
- J. Percentage of full time master and doctoral students who received financial support - in the prior year, the percentage of FTS (≥ 18 SCH*) with support / number of FTS.



FY	Full-Time	Supported	Percent
2003-04	80	77	96%
2004-05	82	77.5	95%
2005-06	80	75.5	94%
2006-07	80	73	91%
2007-08	82	77	94%
2008-09	93	88	95%

* SCH = Semester Credit Hours

- K. Average financial support provided to master and doctoral students - For those receiving financial support, the average financial support provided per full-time graduate students (≥ 9 hours), including tuition rebate, for the prior year, and including RA's, TA's, fellowships, tuition, benefits, etc. that is 'out-of-pocket'..



FY	Number Full-Time	Average Support
2003-04	80	16805.61
2004-05	82	16382.72
2005-06	80	16408.31
2006-07	80	17051.29
2007-08	82	17005.95
2008-09	93	16974.06

- L. Graduate Student Publications and Creative Activities – Number of discipline-related refereed papers/publications, juried creative/performance accomplishments, book chapters, books, and external presentations by Master and Doctoral students in the department.

Publication: Year	Refereed		Non-Refereed		Poster Presentations	
	Masters	Doctoral	Masters	Doctoral	Masters	Doctoral
AY 2009	11	10	1	1	7	4
AY 2008	13	8		1	8	6
AY 2007	12	9	3	1		4
AY 2006	4	7	1	2		
AY 2005	6	5	3	1		
AY 2004	6	2	1	1		

M. Programs for mentoring and professional preparation of graduate students

Since 1996, the department has required that new graduate students take a pedagogy course that was originally developed by faculty in the Department of Mathematics and Statistics. This course provides graduate student assistants insights into teaching techniques, classroom management, and different learning philosophies. Students also address issues concerning mathematics curriculum, the use of technology, and topics that concern the scholarship of mathematics education. In particular students are presented with a required reading list of articles that deal with professional issues of interest to beginning teachers, including the ethics of teaching at the college level. Other topics include models of teacher-student relationships, teacher responsibilities and student responsibilities, cooperative learning environments and student interactive learning in the college level classroom. The special roll of a GTA in a research university is also addressed.

The department also offers three-hour professional development courses that are usually conducted in one of the departmental computer classrooms. Students usually take these courses early in their graduate program in order to gain knowledge of some special computing software packages such as LaTeX, Matlab, Maple, and SAS that students utilize when they begin to conduct research. These courses may also address topics related to technical document preparation.

The teaching performance of graduate student assistants is also monitored each semester by a faculty member who is assigned to visit the classroom of the GTA. A report is then filed with the Director of the Graduate Program, and if necessary, that office may recommend what actions should be taken to correct any problems.

One of the responsibilities of the graduate school is to ensure that new graduate students get adequate mentoring and advising during their first semester. This includes helping the students with course selection for the first semester of graduate work, signing registration materials, and providing counsel and advice when they need it. These responsibilities are laid out in

<http://www.depts.ttu.edu/gradschool/docs/facstaff/gradresponsibilities.pdf>. The graduate director and the associate graduate director perform this function for the mathematics department. Recently, faculty members have been asked to function as temporary mentors so that entering students have an extra counseling resource.

Another important source of mentoring and professional development is provided by the Texas Tech University student chapter of SIAM (Society of Industrial and Applied Mathematics). The organization consists of both graduate students and faculty of the department of Mathematics and Statistics. The chapter cultivates both social and intellectual interaction between these two groups through colloquia, annual social events, and symposia.

The chapter has sponsored a Fall Mini-symposium series at which faculty make short presentations that familiarize students with their research. This event is particularly helpful to new students who have yet to select an advisor to direct their research. In the spring the organization sponsors the Graduate Student Research Day at which students make presentations on their research. Faculty act as judges and cash prizes are awarded. Participants in this event also prepare posters that are displayed at the Annual Mathematics and Statistics Banquet.

This current year SIAM organized an Advisor Fair to help match new graduate students in the Department of Mathematics and Statistics with an advisor. The goal of the Advisor Fair was not only to match student with an advisor in their preferred research area, but to also help them find an advisor whose personality and expectations will encourage them to reach their potential in graduate school. Faculty members in the Math Department were asked to fill out questionnaires about their research interests, advising style, and expectations. These were compiled into a booklet, which was given to each new graduate student. Additionally, SIAM hosted a social to provide an opportunity for the new graduate students to meet professors and ask questions about available thesis problems.

N. Department efforts to retain students and graduation rates.

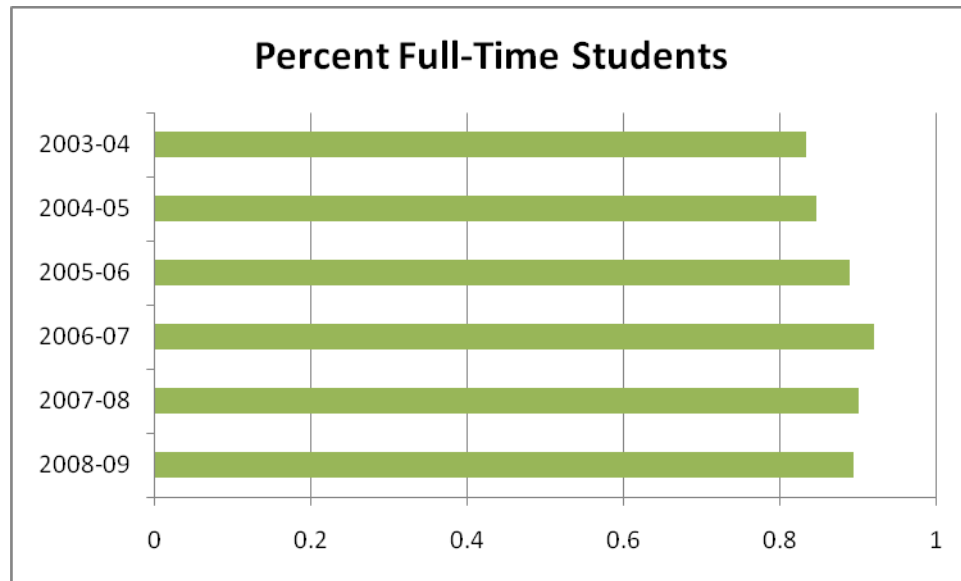
The activities and organizations described in the previous section are an important part of the efforts that are made to ensure the success and retention of graduate students. Of course, the Director of the Graduate Program plays a critical role in the retention of students by providing counseling with regard to degree plans and enrollment advice.

In order to enhance the success of those students who aspired to the PhD, the department adopted a new format for administering the Preliminary Examinations. The intent of the changes was to provide students greater opportunity to prepare for the examinations. Previously the exams were given once a year and within two weeks of the end of the spring semester. It was felt that students should have the opportunity to spend an extended amount of time immersed in the topics covered by the exams. To provide that opportunity, it was decided to administer the exams twice a year with an additional testing period at the end of the summer term. In addition, the period of time over which students could take the tests and the number of times they could sit for an exam was extended. Details about the Preliminary Examinations are provided in Appendix B and Appendix D.

This year SIAM hosted a Prelim-BootCamp which was a three-day event created and financially supported by SIAM and the Department of Mathematics and Statistics to aid

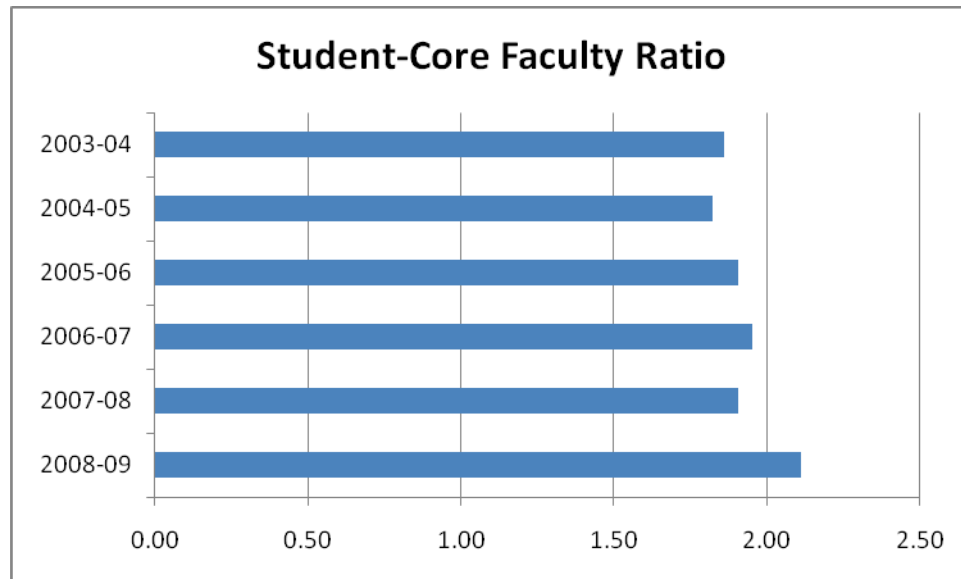
potential Ph.D. students increase their scores and success rates for the annual preliminary exams. Professors and current Ph.D. students led 4-hour problem sessions in 6 of the 7 subject areas and meals were provided for those in attendance.

- O. Percentage of Full-Time Master and Doctoral students –Average of the FTS (≥ 9 SCH) / number of students enrolled (headcount)



FY	Total	Full-Time	Percent
2003-04	96	80	83%
2004-05	97	82	85%
2005-06	90	80	89%
2006-07	87	80	92%
2007-08	91	82	90%
2008-09	104	93	89%

- P. Student-Core Faculty Ratio – Include data for masters and doctoral students - The average of full-time (≥ 9 hours) student equivalent (FTSE) / rolling. ‘Core Faculty’ is full-time tenured and tenure-track faculty who teach 50 percent or more, (or other individuals integral to the program) and, for doctoral programs, those who can direct dissertation research.



FY	Full-Time Students	Core Faculty	Ratio
2003-04	80	43	1.86
2004-05	82	45	1.82
2005-06	80	42	1.90
2006-07	80	41	1.95
2007-08	82	43	1.91
2008-09	93	44	2.11