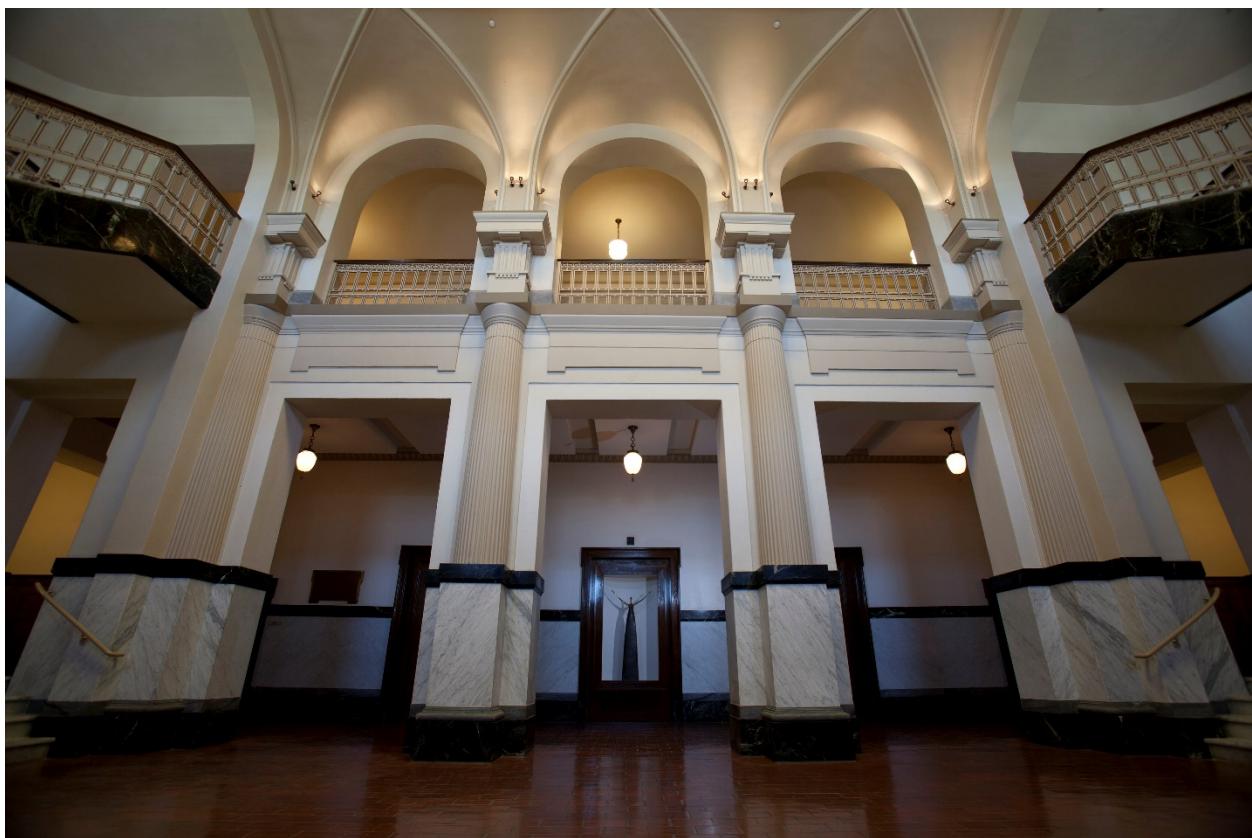




WKU[®]

THE GRADUATE SCHOOL



**Annual Report
2013-2014**

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Letter from the Associate Provost and Dean of the Graduate School

I am pleased to present the 2013-14 Annual Report on Graduate Education at Western Kentucky University (WKU). Graduate education continues to grow at WKU with 2719 students enrolled in degree and non-degree graduate programs in Fall 14. Since our first student graduated in 1932 with a Master of Arts in Education, we have awarded more than 32,000 master's, specialist, and doctoral degrees.

Graduate education is greatly increasing in its importance at local, state, and national levels. Today, we face serious and intensifying challenges to our global competitiveness and standard of living. The need for a new and expanded work-force that is highly skilled, highly innovative, and strongly entrepreneurial has never been greater in our history. Graduate education is the major training ground for that highly skilled workforce. In many circles, graduate education is now termed the "backbone of American competitiveness and innovation".

Western Kentucky University is committed to being a global leader in graduate education. As one of the nation's leading universities, we see graduate education as a critical part of the University's mission and a major player in fueling strong economic growth in Kentucky. Attracting exceptionally talented students to our graduate programs and graduating outstanding master's and doctoral degreed individuals ready for the knowledge-based workforce of today will continue to be our goal.

The Graduate School is clearly focused on this goal and is constantly striving to enhance the success of each and every one of our graduate students. As the University leader in graduate education, we seek to position our graduate programs to be innovative, translational, dynamic, and nationally competitive.

Our Annual Report is a short summary of the events and accomplishments in graduate education at Western Kentucky University for the academic year 2013-14. We hope our report will promote and advance graduate education at WKU.

Carl A. Fox, Ph.D.

KENTUCKY PUBLIC INSTITUTIONS

Kentucky Public University Comparison¹

	Fall 2013 Enrollment		AY 2012/13 Degrees Awarded		Freshman Retention Rate	Number of Full-Time Faculty	Student/Faculty Ratio
	Undergraduate	Graduate	Baccalaureate	Master's			
★ Western Kentucky University	17,509 ²	2,939	2,627	983	72%	791	17 to 1
K1. Eastern Kentucky University ³	13,891	2,220	2,357	773	68%	674	16 to 1
K2. Kentucky State University ⁴	2,370	163	206	50	47%	126	15 to 1
K3. Morehead State University	10,076	1,282	1,116	447	68%	371	18 to 1
K4. Murray State University	9,172	1,771	1,399	694	73%	426	16 to 1
K5. Northern Kentucky University	12,794	2,469	2,109	491	67%	552	19 to 1
K6. University of Kentucky ⁴	21,495	6,994	4,022	1,299	83%	1,351	18 to 1
K7. University of Louisville	15,957	5,490	2,731	1,379	78%	844	16 to 1

¹Information was obtained from each institution's 2013 Common Data Set, unless separately footnoted.

²WKU enrollment figure excludes audit-only students.

³Because a Common Data Set was unavailable, statistics were obtained from the website of the college's Office of Institutional Research.

⁴Because a Common Data Set was unavailable, statistics were obtained from the institution's Voluntary System of Accountability (VSA) website: www.collegeportraits.org.

Graduate Students by Classification

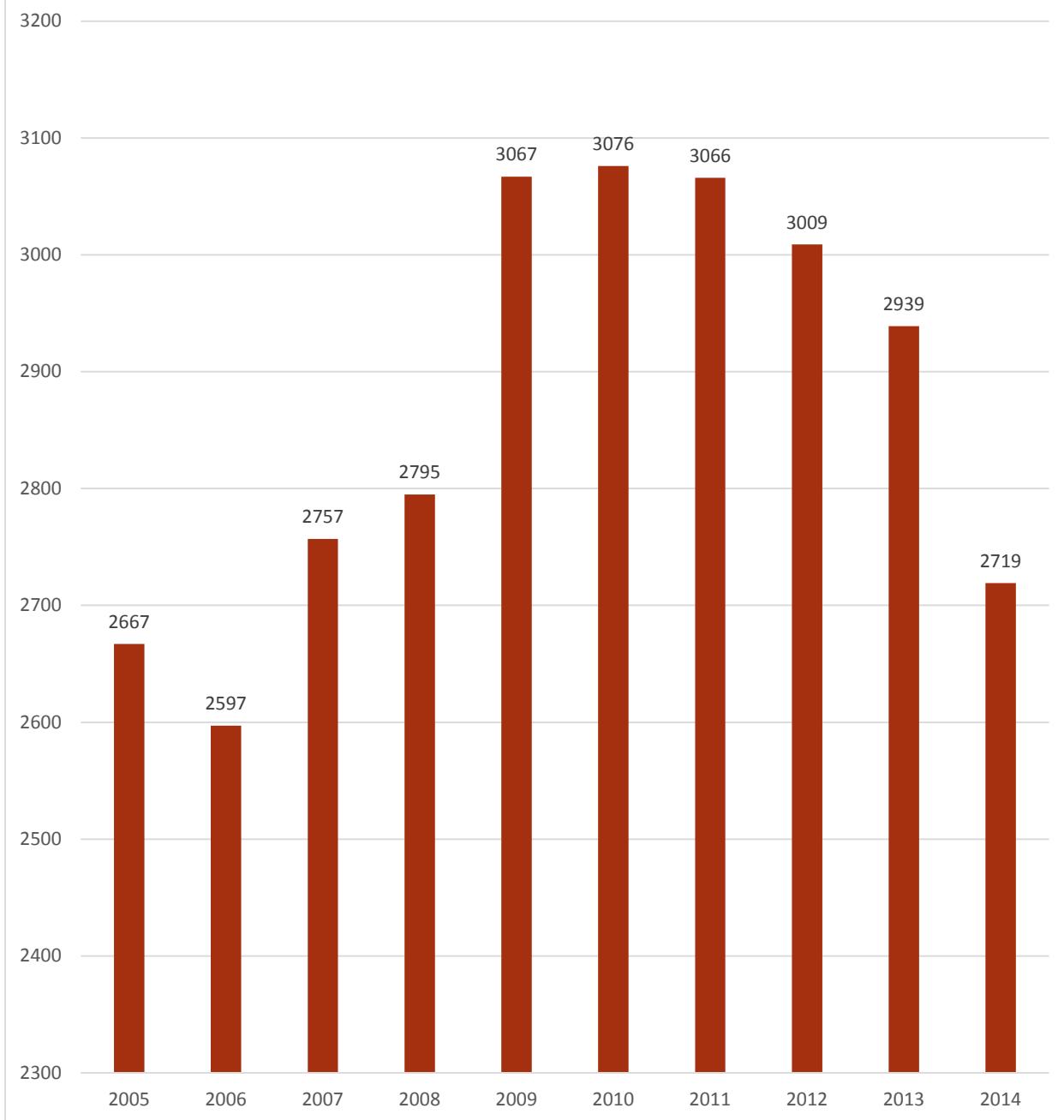
		Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Graduate	Master's	2,380	2,435	2,451	2,324	2,271
	Specialists	35	32	24	22	26
	Doctoral	64	96	122	146	212
	Coop Doctoral	19	13	4	0	0
	Other ⁴	569	500	465	517	430



Ten Year Enrollment by Kentucky Four-Year Public Institutions¹

WKU		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	10 yr diff
	UG	15,846	15,978	16,067	16,508	16,966	17,645	17,827	17,982	18,115	17,517	10.5%
	GR	2,667	2,667	2,597	2,757	2,795	3,067	3,076	3,066	3,009	2,939	10.2%
	Total	18,513	18,645	18,664	19,265	19,761	20,712	20,903	21,048	21,124	20,456	10.5%

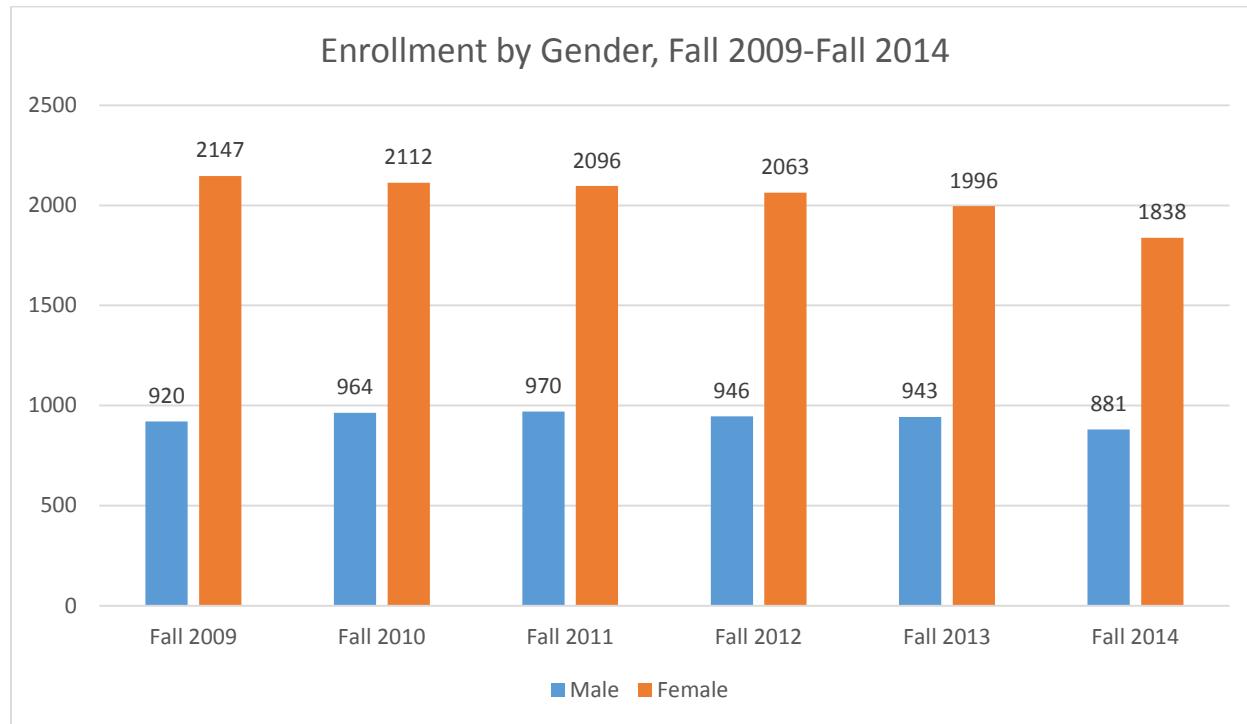
Graduate Enrollment, 2005-2014

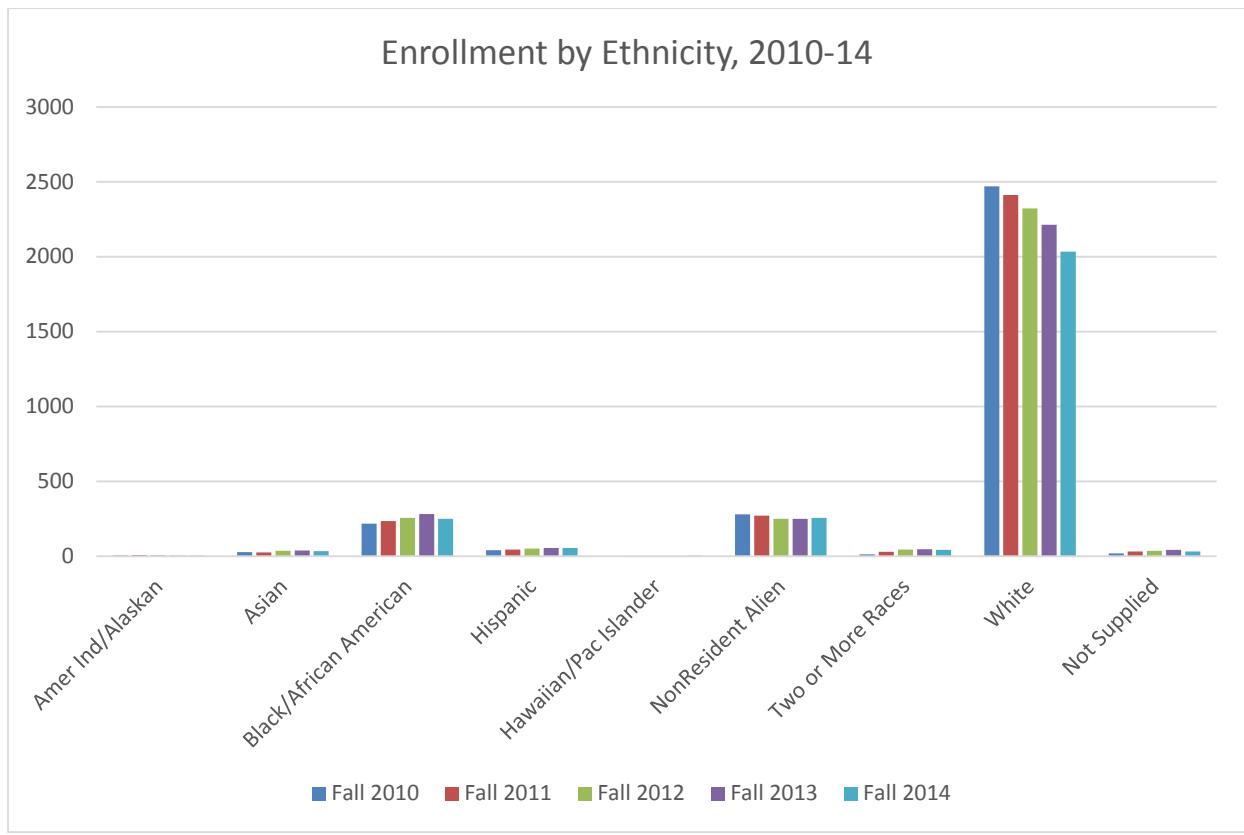
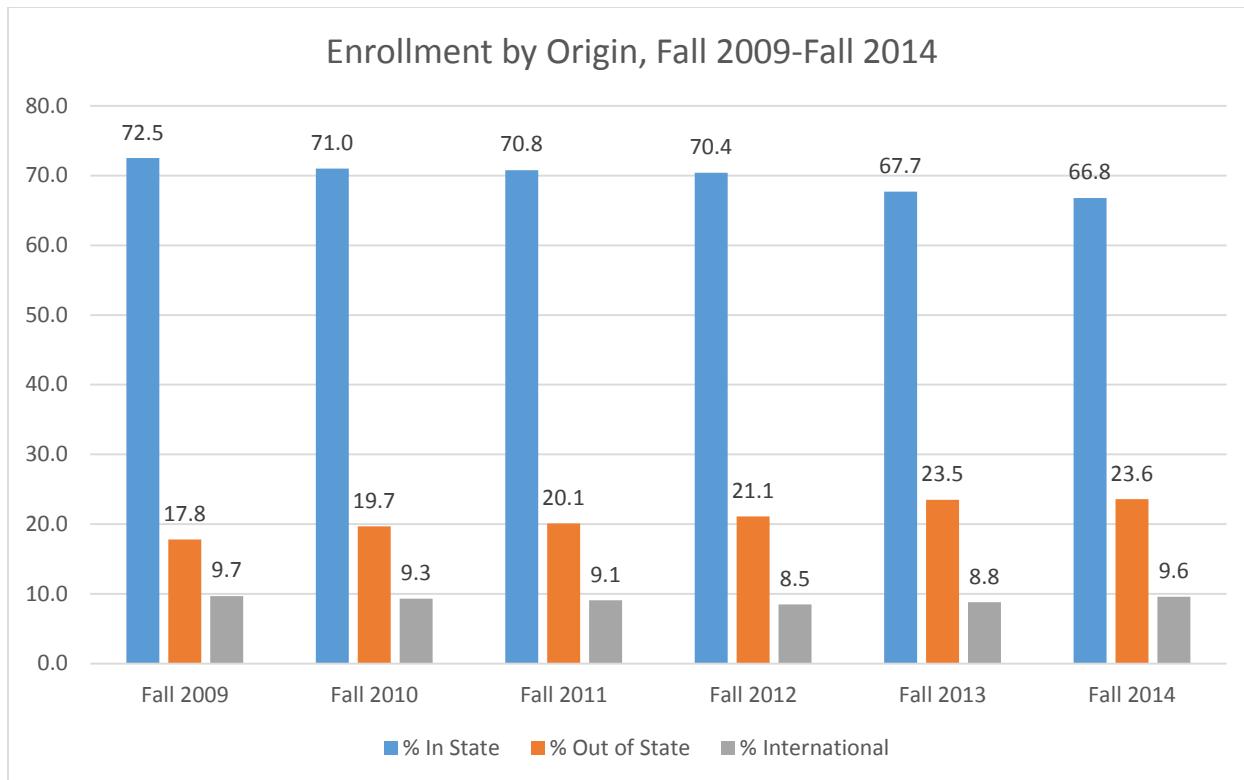


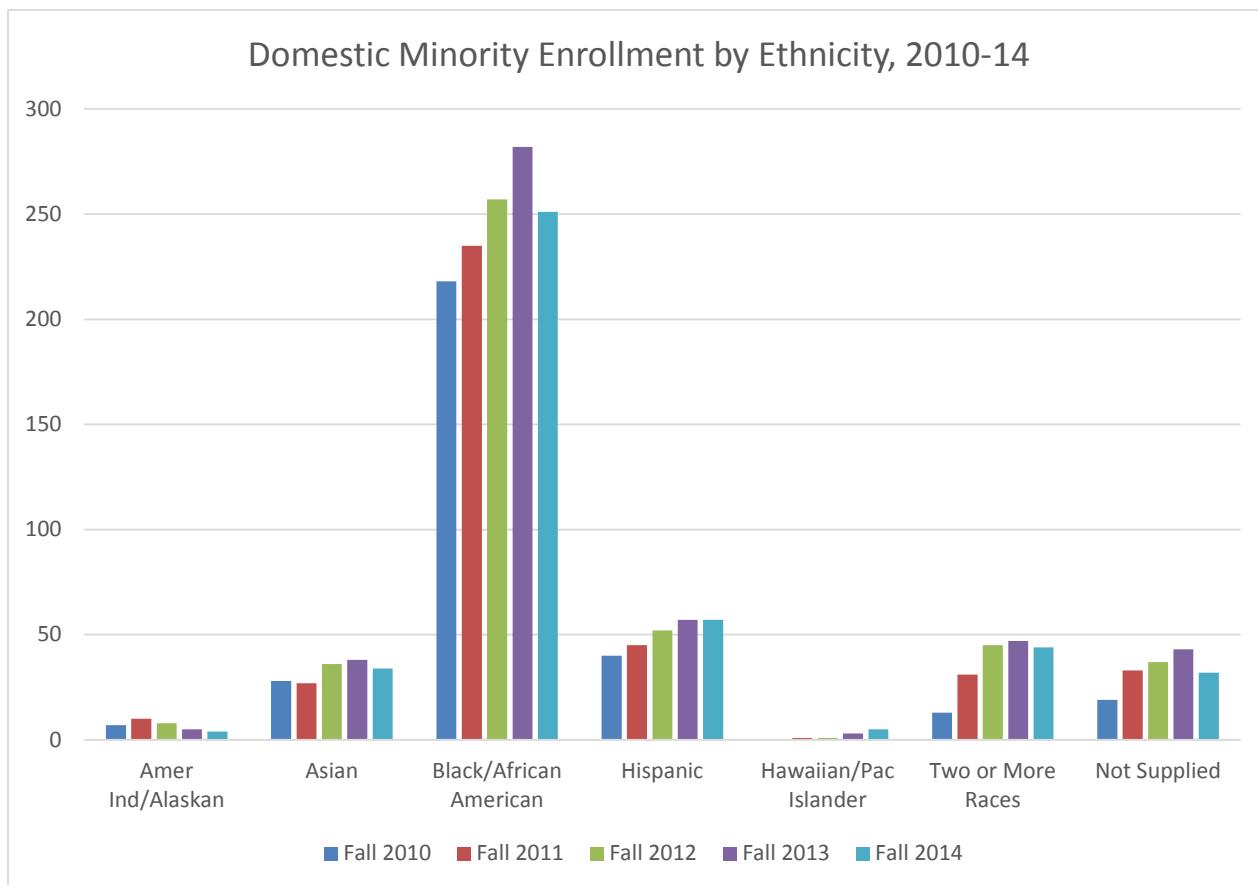
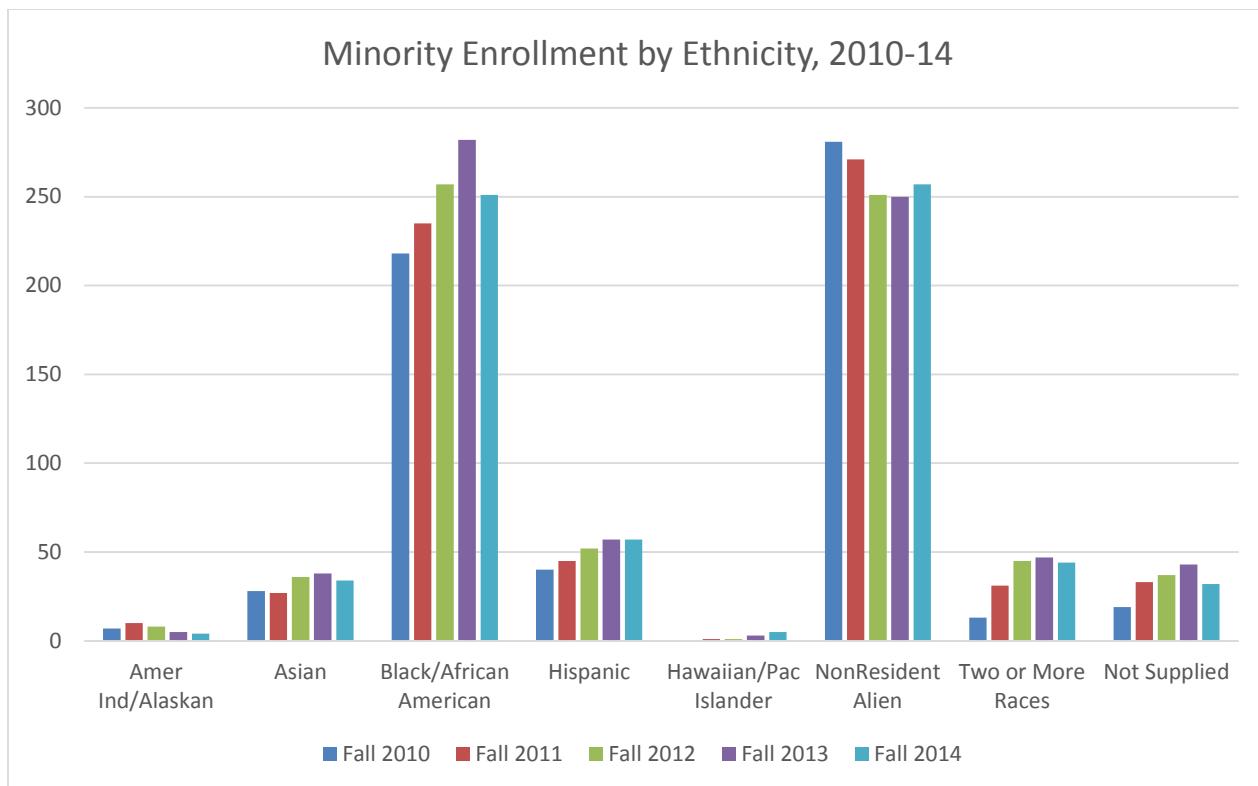
Enrollment in Graduate Programs

Overall Enrollment by Degree Level, 2009-13

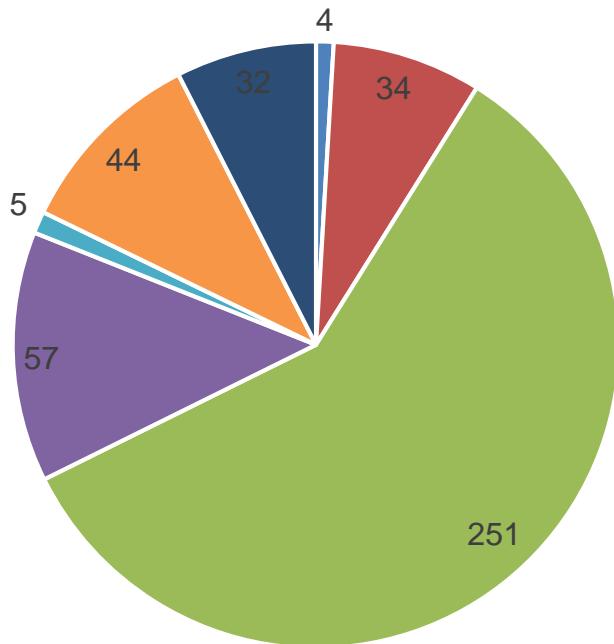
Classification	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fa 2014
Doctoral	64	96	122	146	212	242
Masters	2,380	2,435	2451	2,324	2271	2,088
GR Other	588	513	469	517	430	362
Specialist	35	32	24	22	26	27
Total	3,067	3,076	3066	3,009	2939	2,719







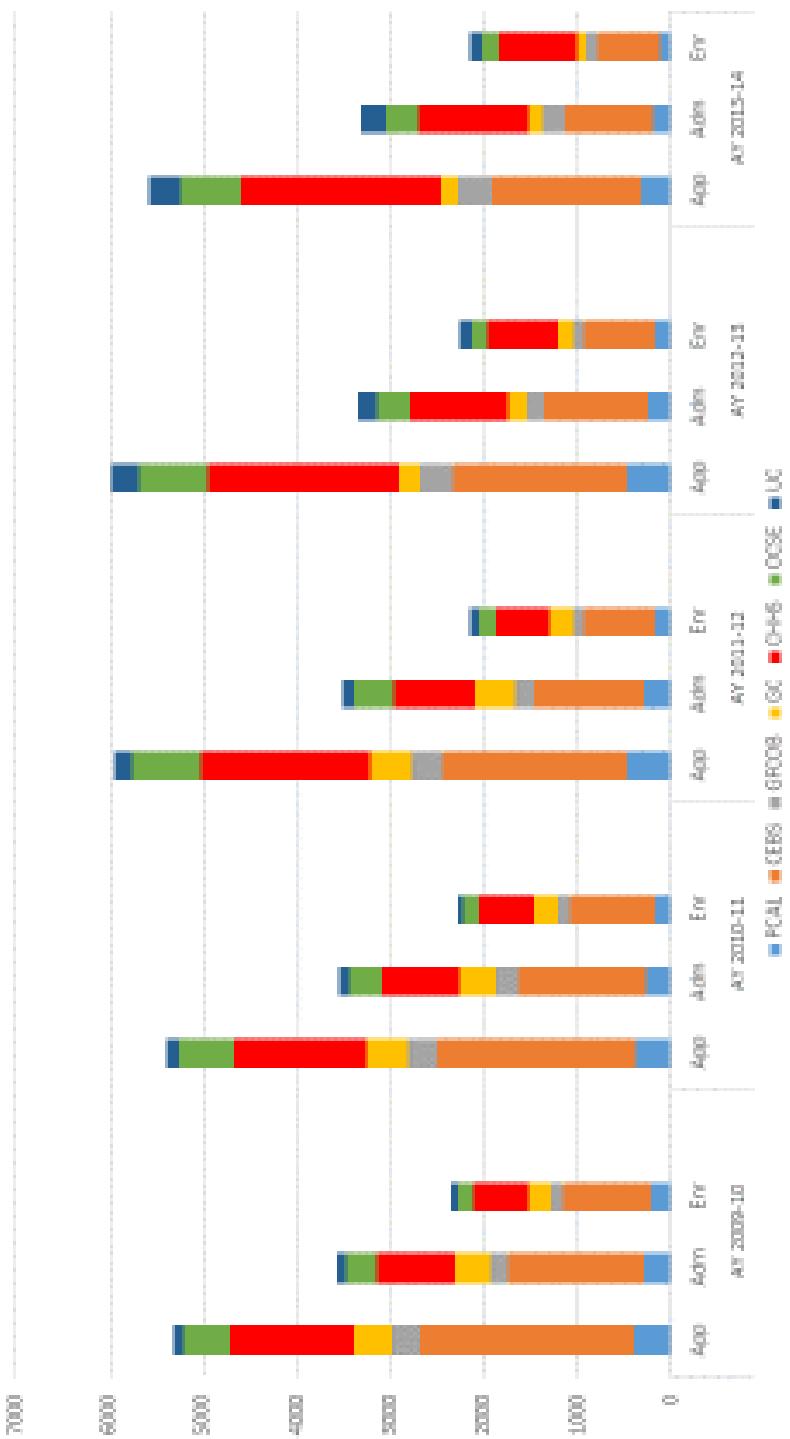
Domestic Minority Enrollment, Fall 2014



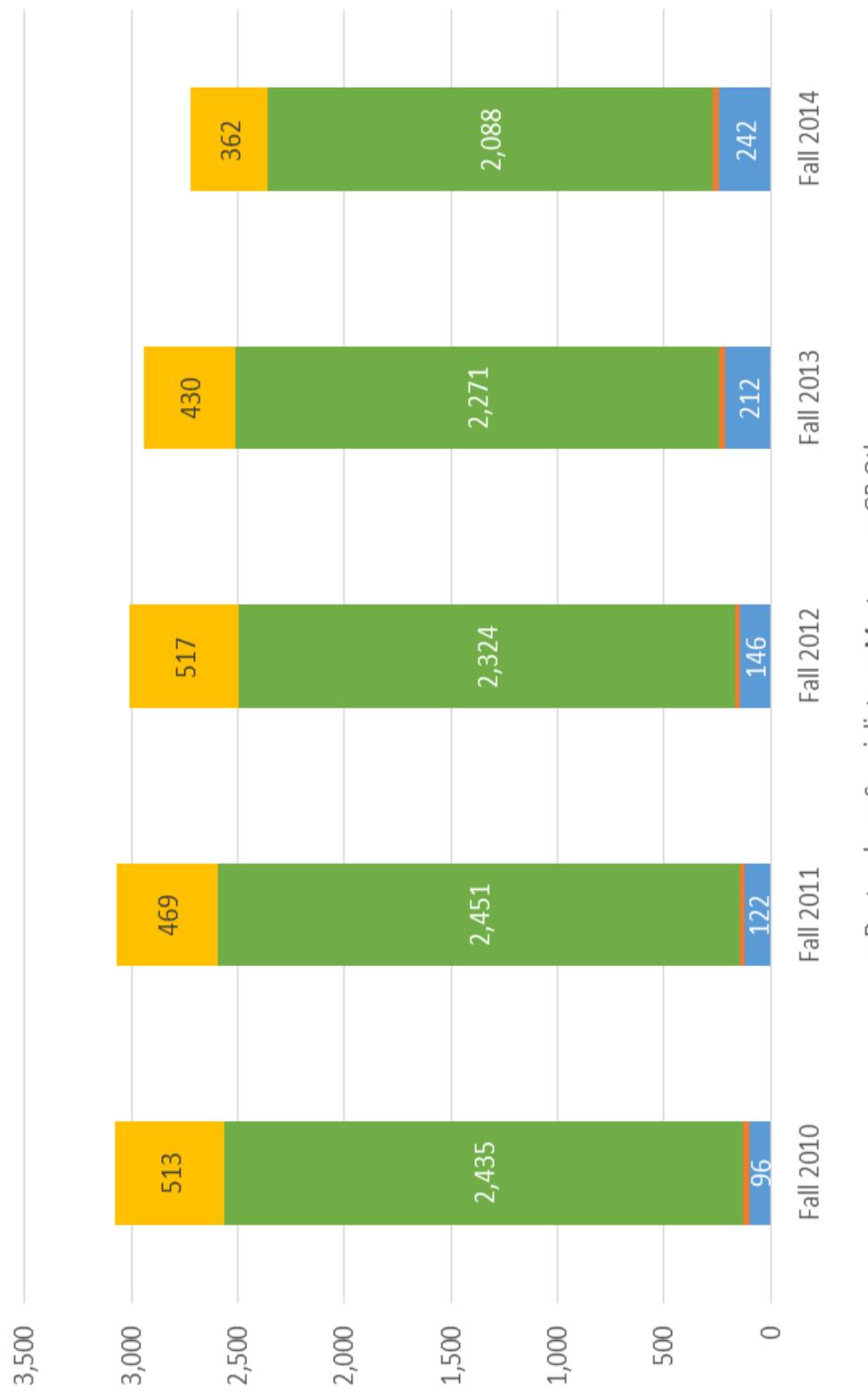
Applications, Admissions and Enrollment by College, AY 2013-14

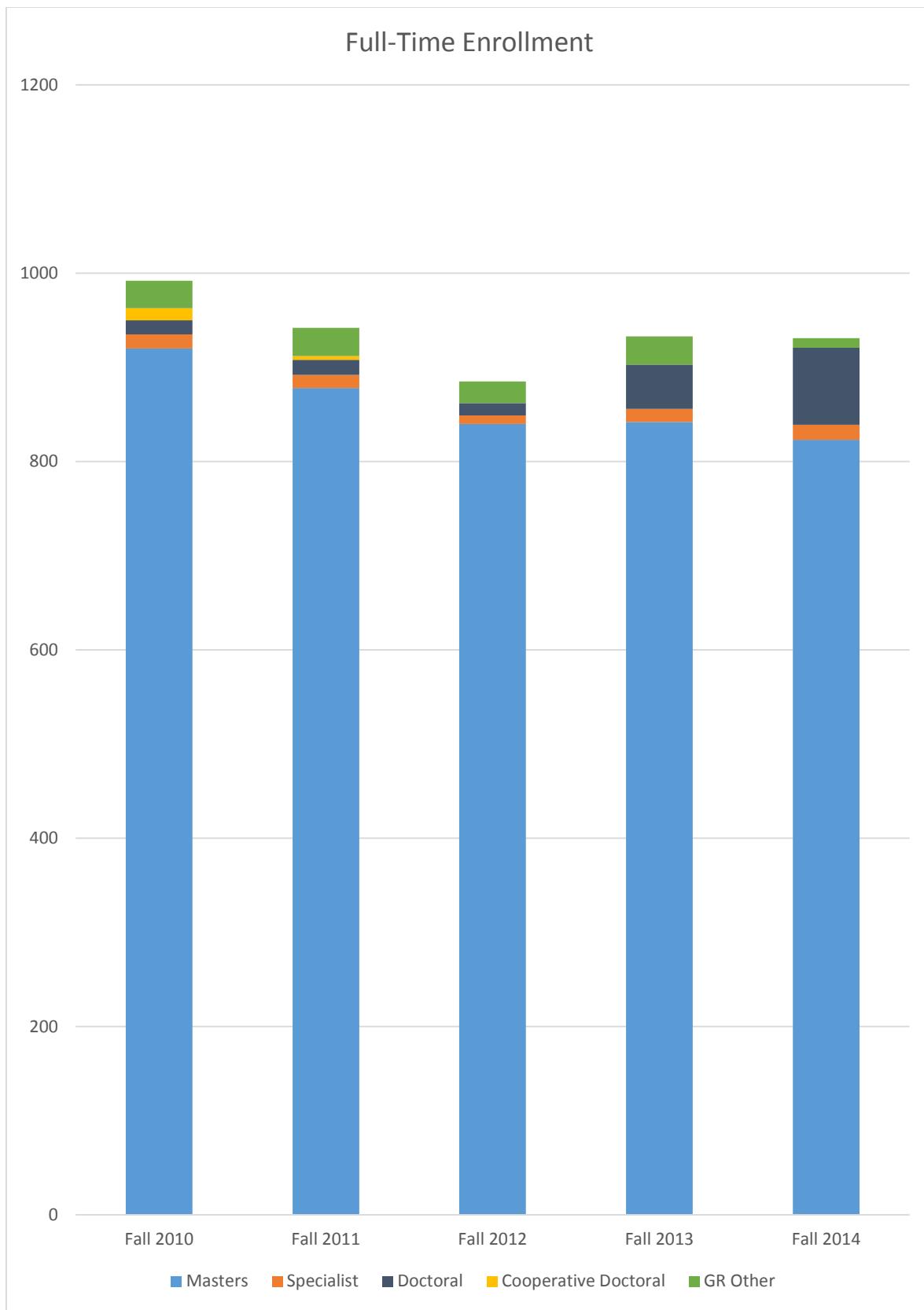
College	Applied	Admitted	% Admit	Enrolled	% Enroll
Arts & Letters (PCAL)	339	199	59	127	37
Education & Behavioral Science (CEBS)	1568	948	60	663	42
Business (GFCOB)	384	239	62	121	32
Graduate College (GC)	169	141	83	104	62
Health & Human Services (CHHS)	2150	1181	55	834	39
Science & Engineering (OCSE)	629	352	56	175	28
University College (UC)	341	257	75	129	38
Total	5580	3317	59	2153	39

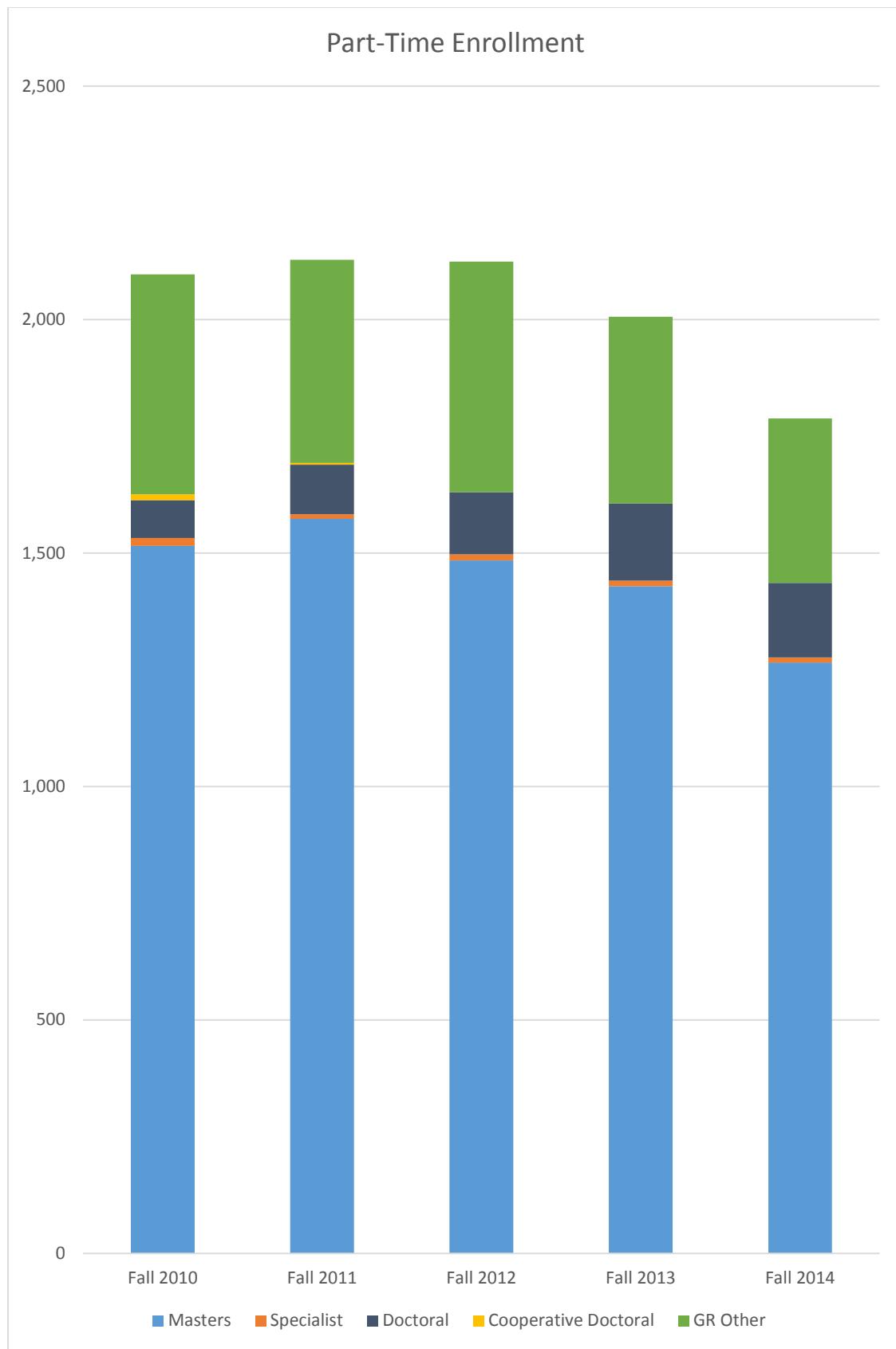
Applied/Admitted/Enrolled, AY 2009-10 to AY 2013-14



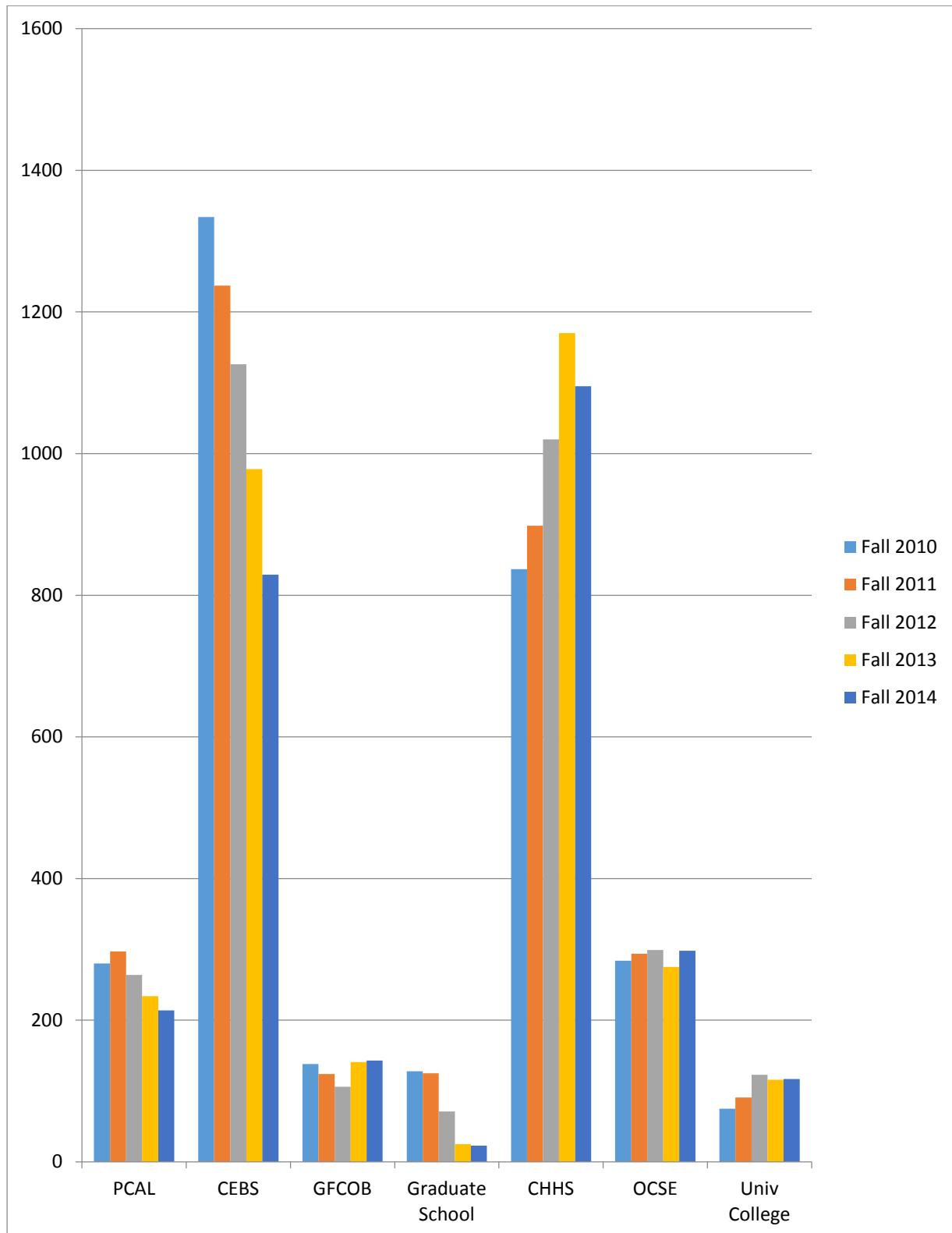
Overall Enrollment by Degree Level, 2010-14

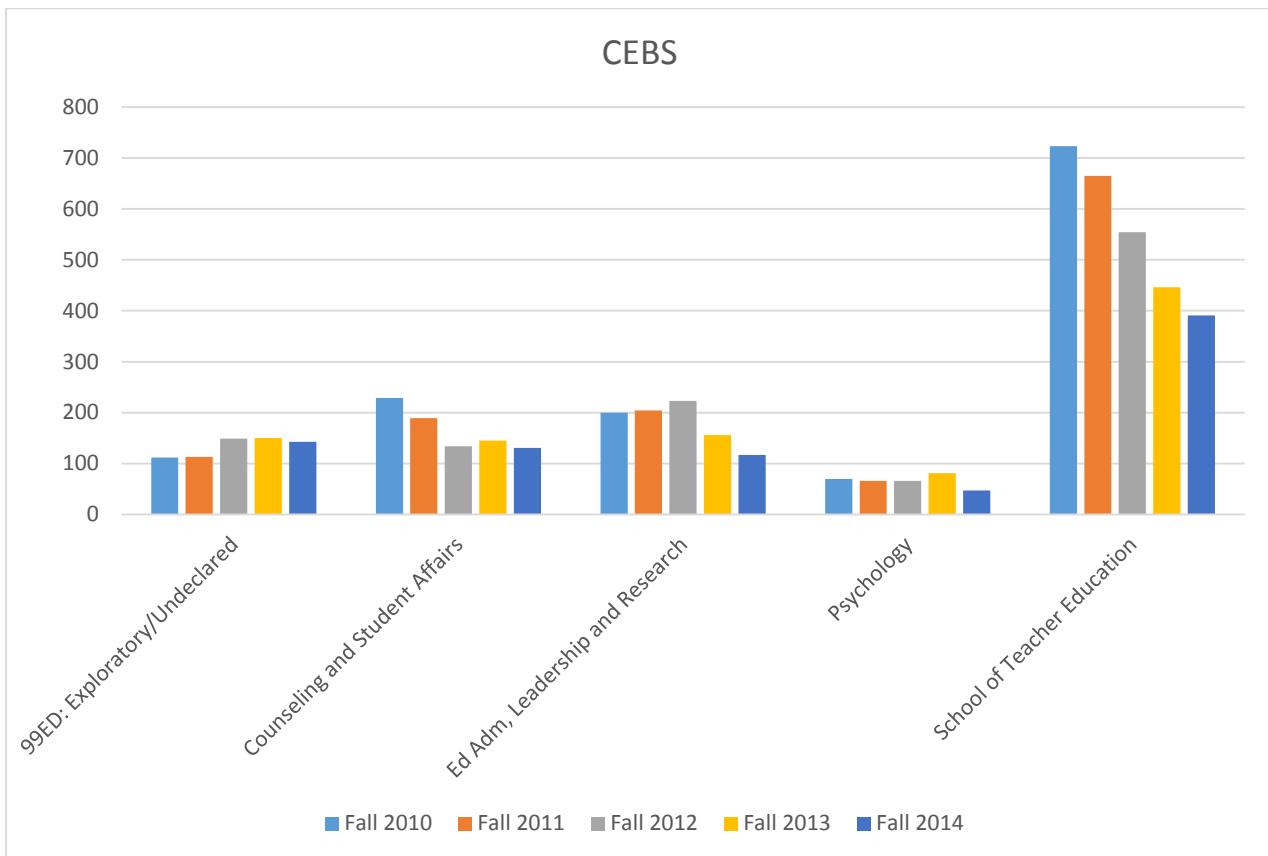
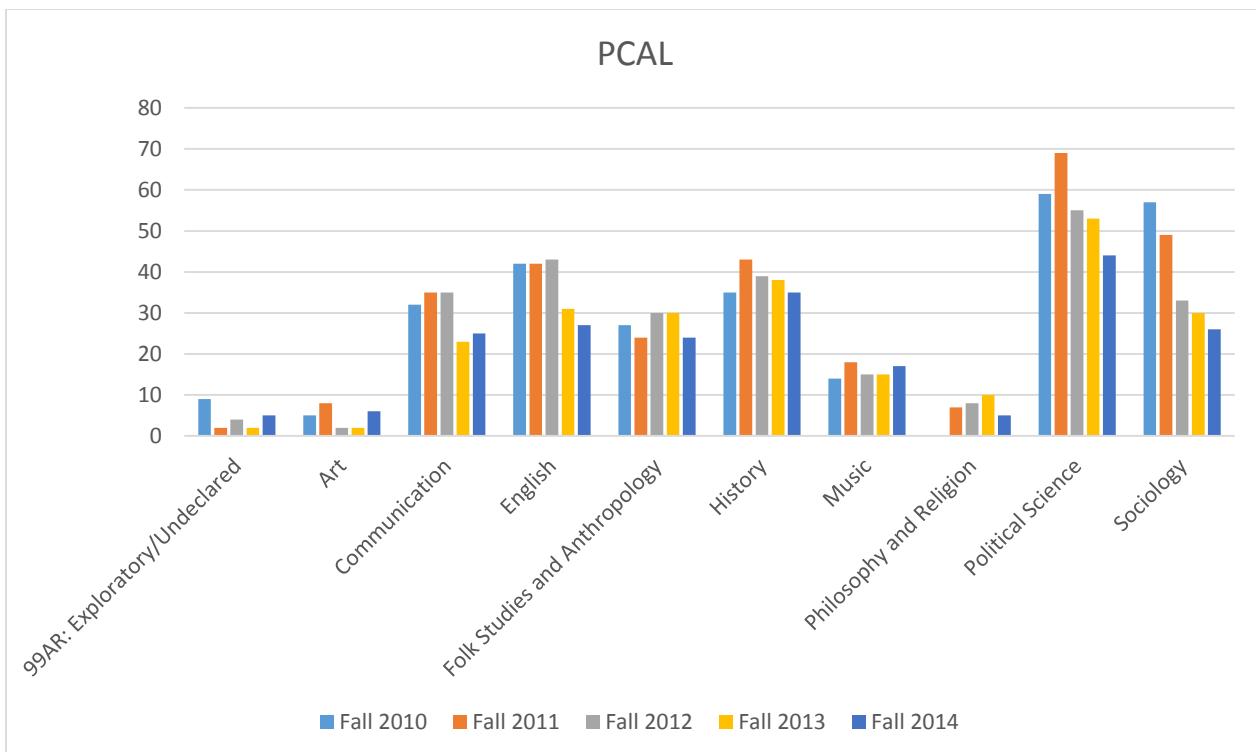


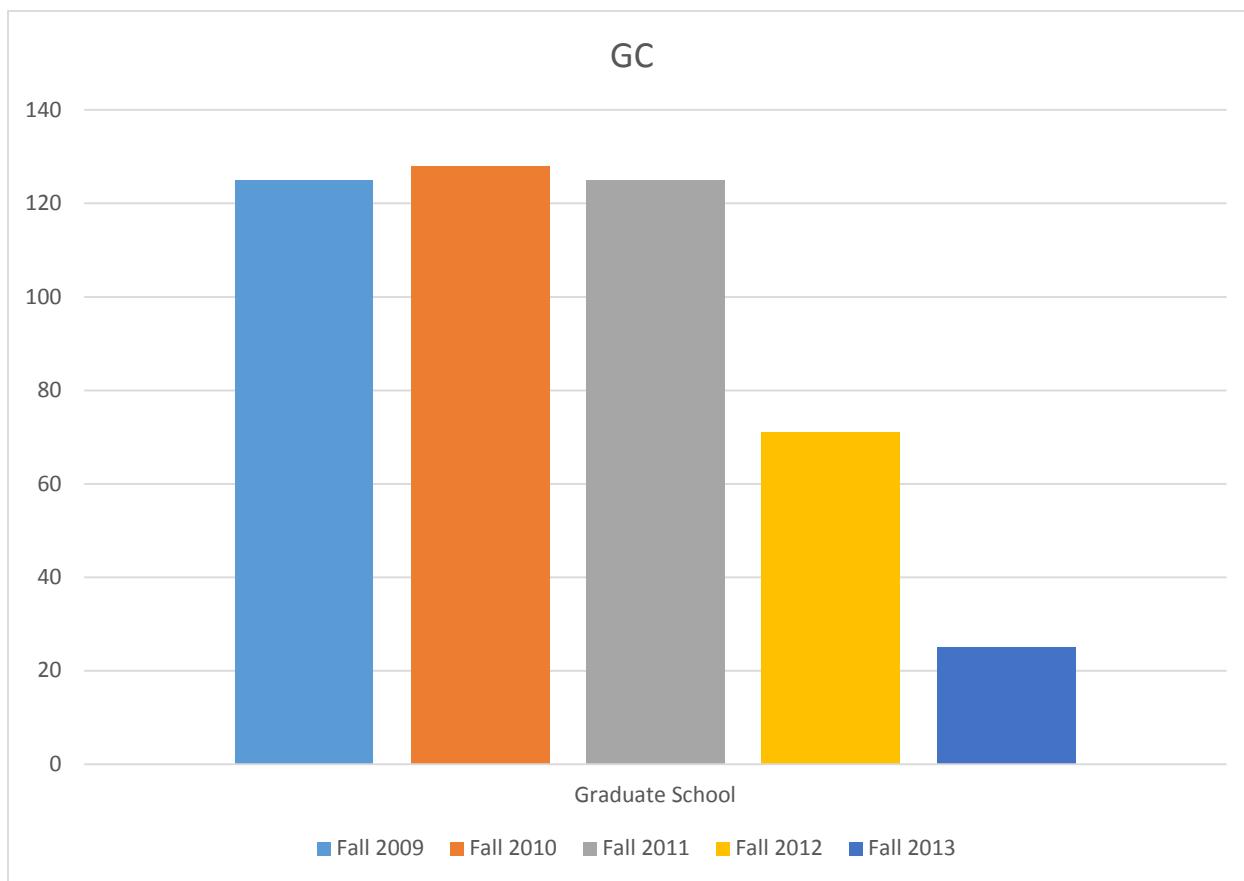
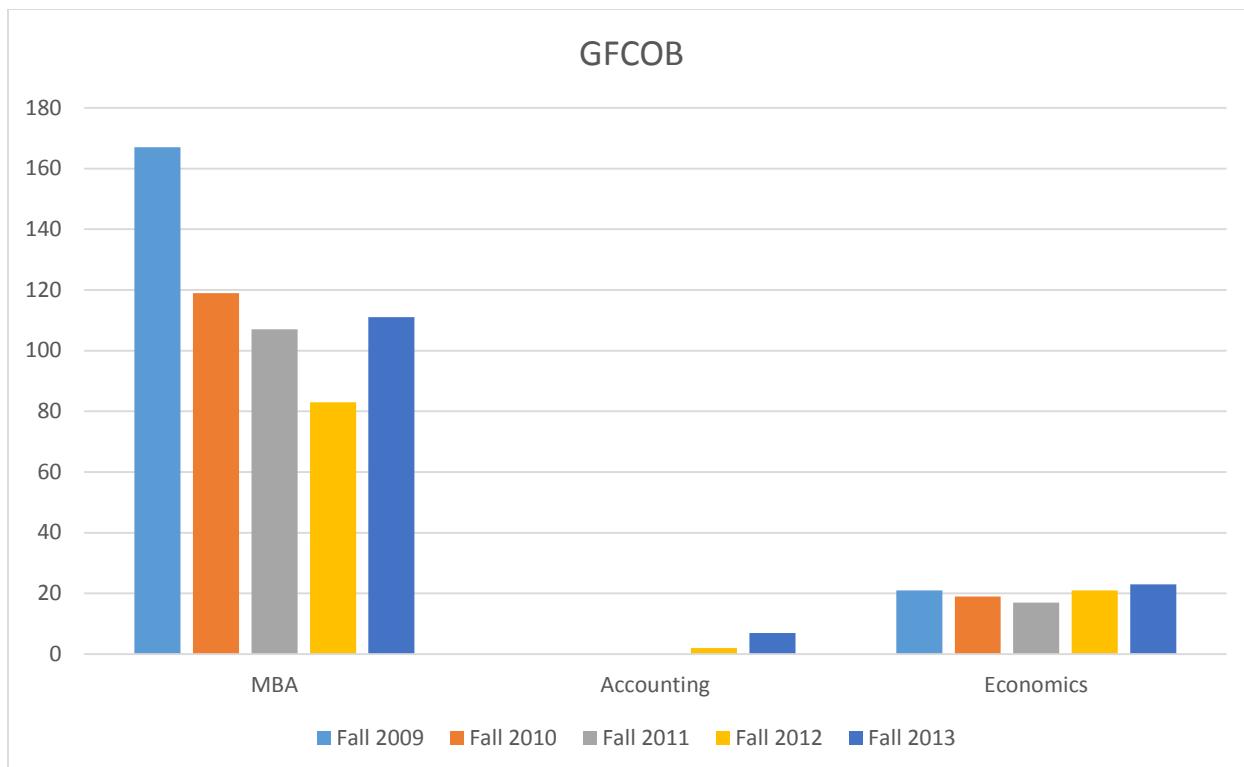


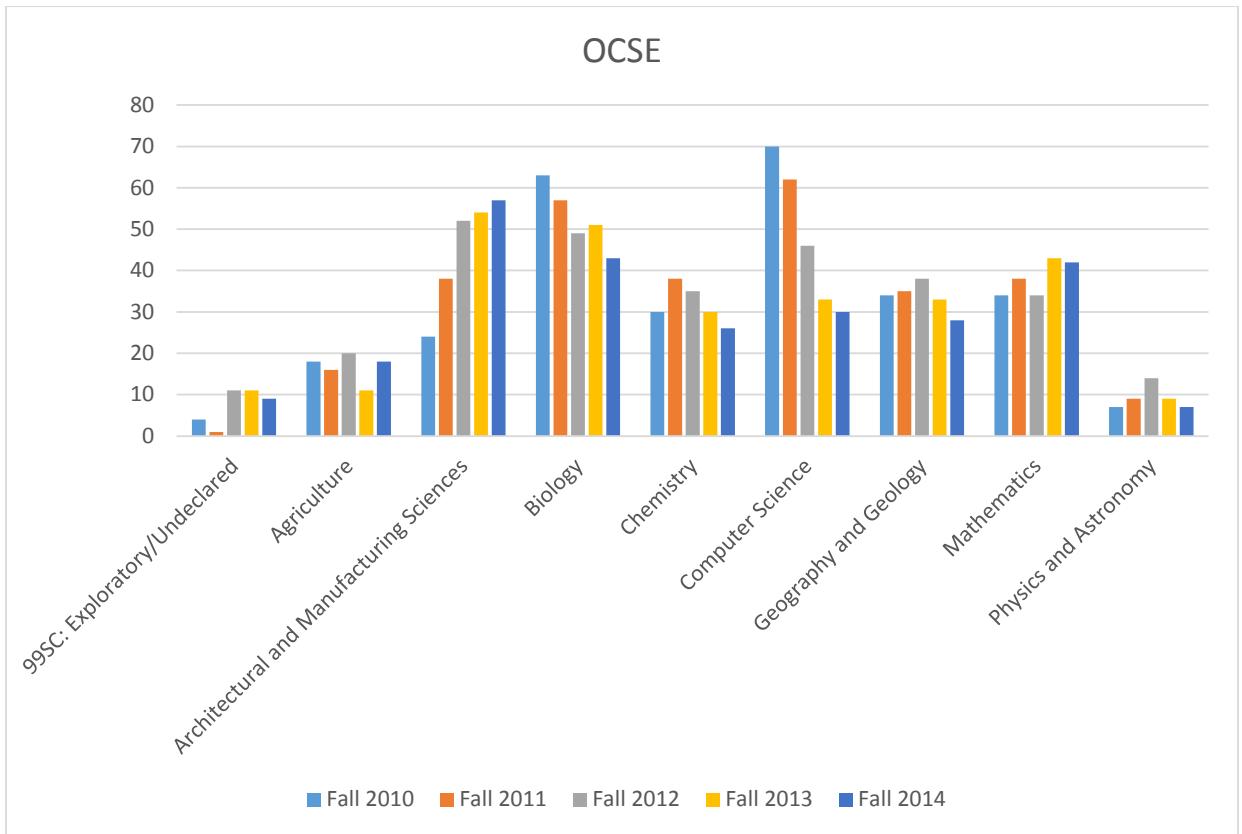
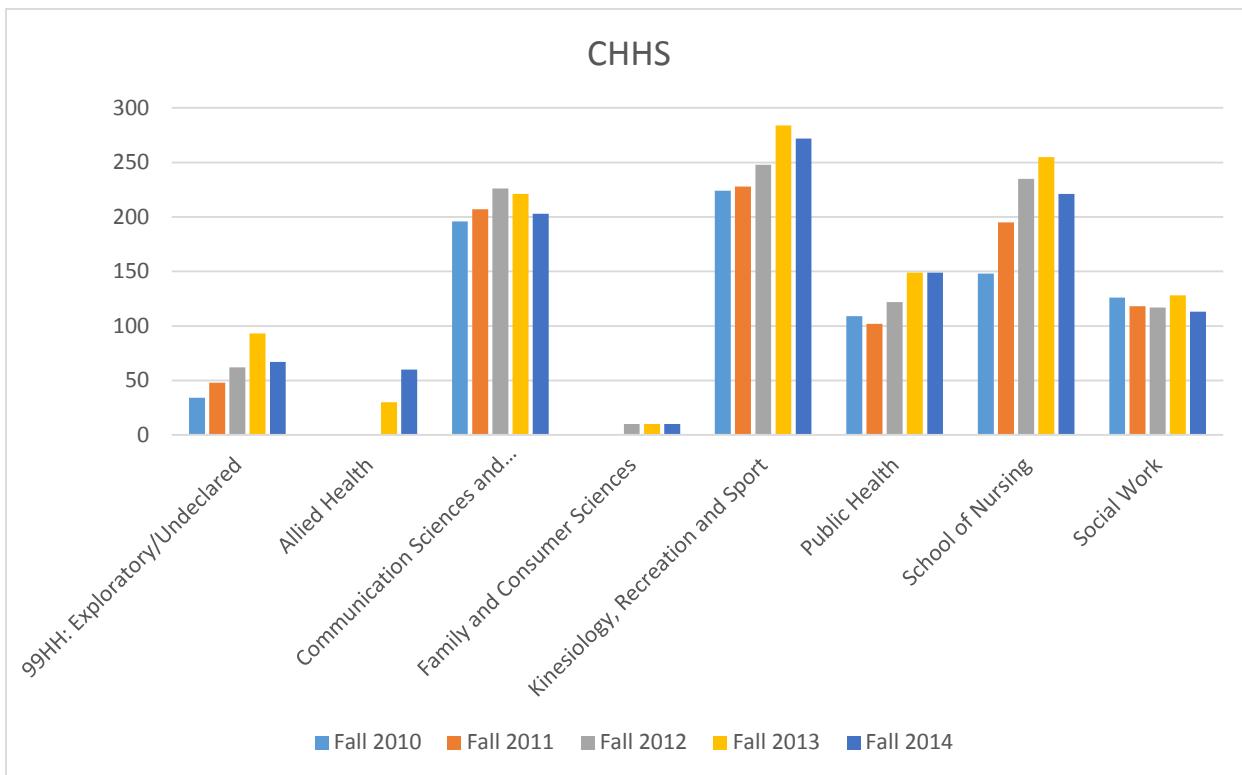


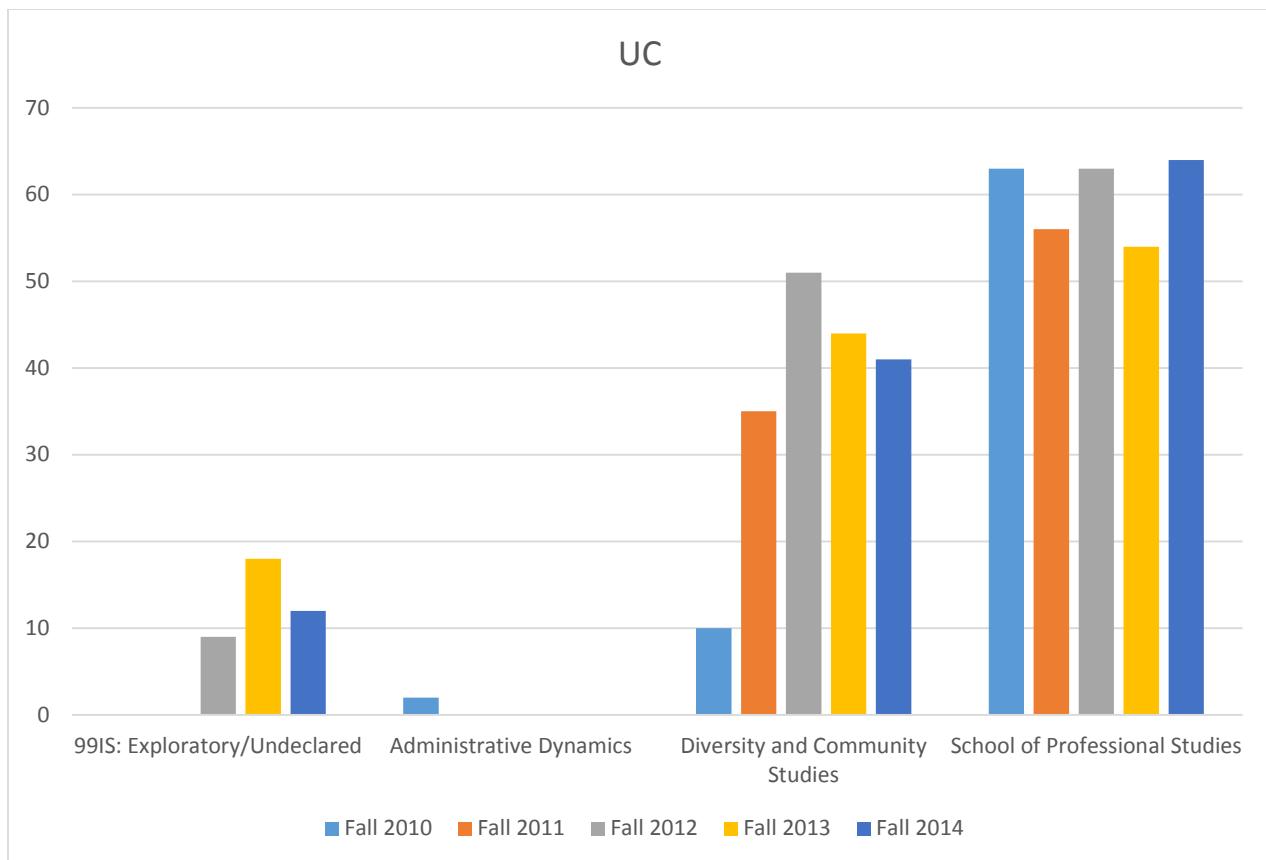
Enrollment by College and Program, 2010-14



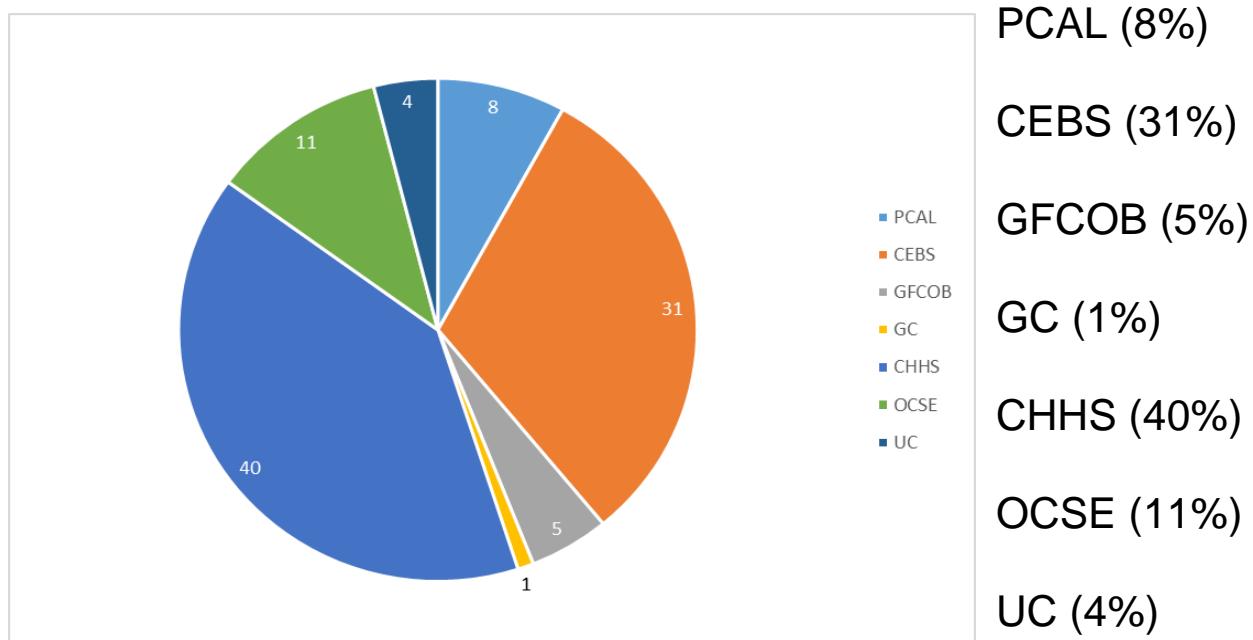








Fall 2014 Percentage of Enrollment by College

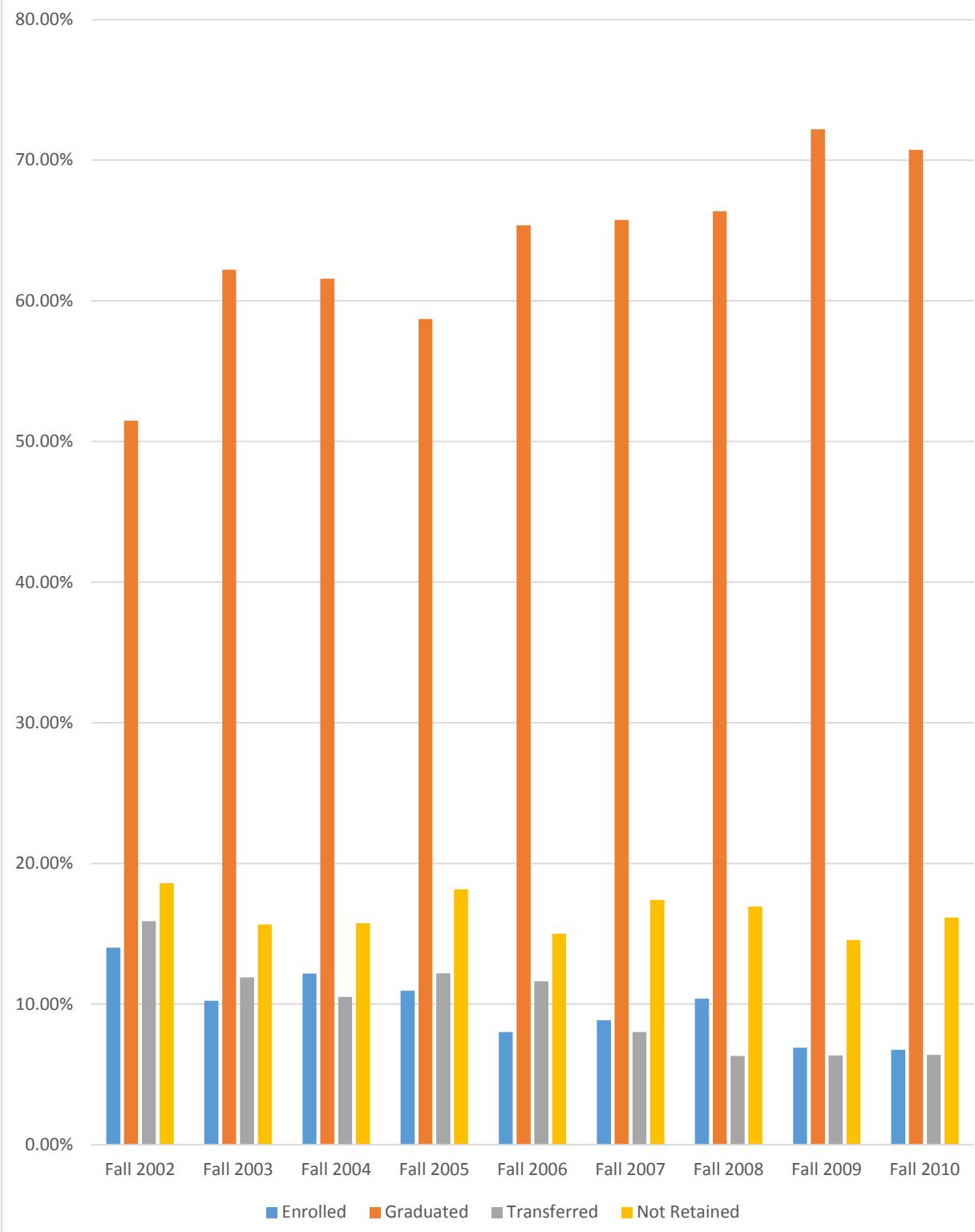


Persistence

Persistence of Students in Master's Degree Programs, 2002-12

		Fall										
	Persistence	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
After 1 Semester	% Enrolled	75.74%	81.00%	80.19%	81.59%	80.88%	85.91%	86.91%	91.81%	91.57%	90.76%	89.18%
	% Graduated	0.00%	0.42%	0.48%	0.00%	0.00%	0.00%	0.23%	0.00%	0.00%	0.00%	0.00%
	% Transferred	10.24%	8.35%	5.97%	5.47%	9.04%	3.31%	3.61%	2.42%	2.62%	2.46%	2.40%
	% Not Retained	14.02%	10.23%	13.37%	12.94%	10.08%	10.77%	9.26%	5.77%	5.81%	6.78%	8.42%
After 1 AY	% Enrolled	65.77%	68.48%	64.44%	74.38%	67.44%	72.93%	73.14%	80.07%	74.53%	78.64%	79.76%
	% Graduated	8.63%	12.11%	16.47%	5.72%	14.47%	9.39%	9.48%	8.19%	12.92%	8.42%	4.81%
	% Transferred	12.40%	9.81%	8.83%	9.45%	10.59%	6.63%	4.74%	3.72%	4.87%	4.11%	3.81%
	% Not Retained	13.21%	9.60%	10.26%	10.45%	7.49%	11.05%	12.64%	8.01%	7.68%	8.83%	11.62%
After 2 AY	% Enrolled	32.35%	22.34%	23.39%	27.36%	21.45%	27.90%	21.67%	25.00%	16.89%	33.68%	
	% Graduated	34.23%	52.19%	51.31%	45.02%	53.23%	48.34%	53.05%	54.85%	61.35%	46.41%	
	% Transferred	15.36%	10.23%	11.22%	10.95%	11.89%	8.01%	6.32%	5.78%	6.57%	5.34%	
	% Not Retained	18.06%	15.24%	14.08%	16.67%	13.44%	15.75%	18.96%	14.37%	15.20%	14.58%	
After 3 AY	% Enrolled	14.02%	10.23%	12.17%	10.95%	8.01%	8.84%	10.38%	6.90%	6.75%		
	% Graduated	51.48%	62.21%	61.58%	58.71%	65.37%	65.75%	66.37%	72.20%	70.73%		
	% Transferred	15.90%	11.90%	10.50%	12.19%	11.63%	8.01%	6.32%	6.34%	6.38%		
	% Not Retained	18.60%	15.66%	15.75%	18.16%	14.99%	17.40%	16.93%	14.55%	16.14%		
After 4 AY	% Enrolled	5.66%	6.07%	7.64%	4.73%	3.62%	4.42%	3.40%	3.36%			
	% Graduated	57.95%	67.78%	66.59%	65.17%	70.80%	69.06%	74.15%	74.25%			
	% Transferred	16.44%	11.72%	10.26%	11.94%	12.14%	8.56%	5.90%	7.28%			
	% Not Retained	19.95%	14.44%	15.51%	18.16%	13.44%	17.96%	16.55%	15.11%			
After 5 AY	% Enrolled	4.58%	4.18%	4.77%	2.74%	3.62%	2.49%	2.04%				
	% Graduated	60.65%	70.29%	69.45%	68.16%	71.83%	71.55%	74.83%				
	% Transferred	16.17%	10.67%	10.50%	11.94%	11.63%	8.01%	6.35%				
	% Not Retained	18.60%	14.85%	15.27%	17.16%	12.92%	17.96%	16.78%				
After 6 AY	% Enrolled	1.89%	2.30%	0.95%	1.50%	1.03%	1.93%					
	% Graduated	63.34%	72.38%	72.55%	69.83%	73.64%	72.65%					
	% Transferred	15.90%	11.30%	10.50%	11.72%	11.37%	8.29%					
	% Not Retained	18.87%	14.02%	15.99%	16.96%	13.95%	17.13%					

Master's Degree Student Persistence After 3 Academic Years, 2002-10

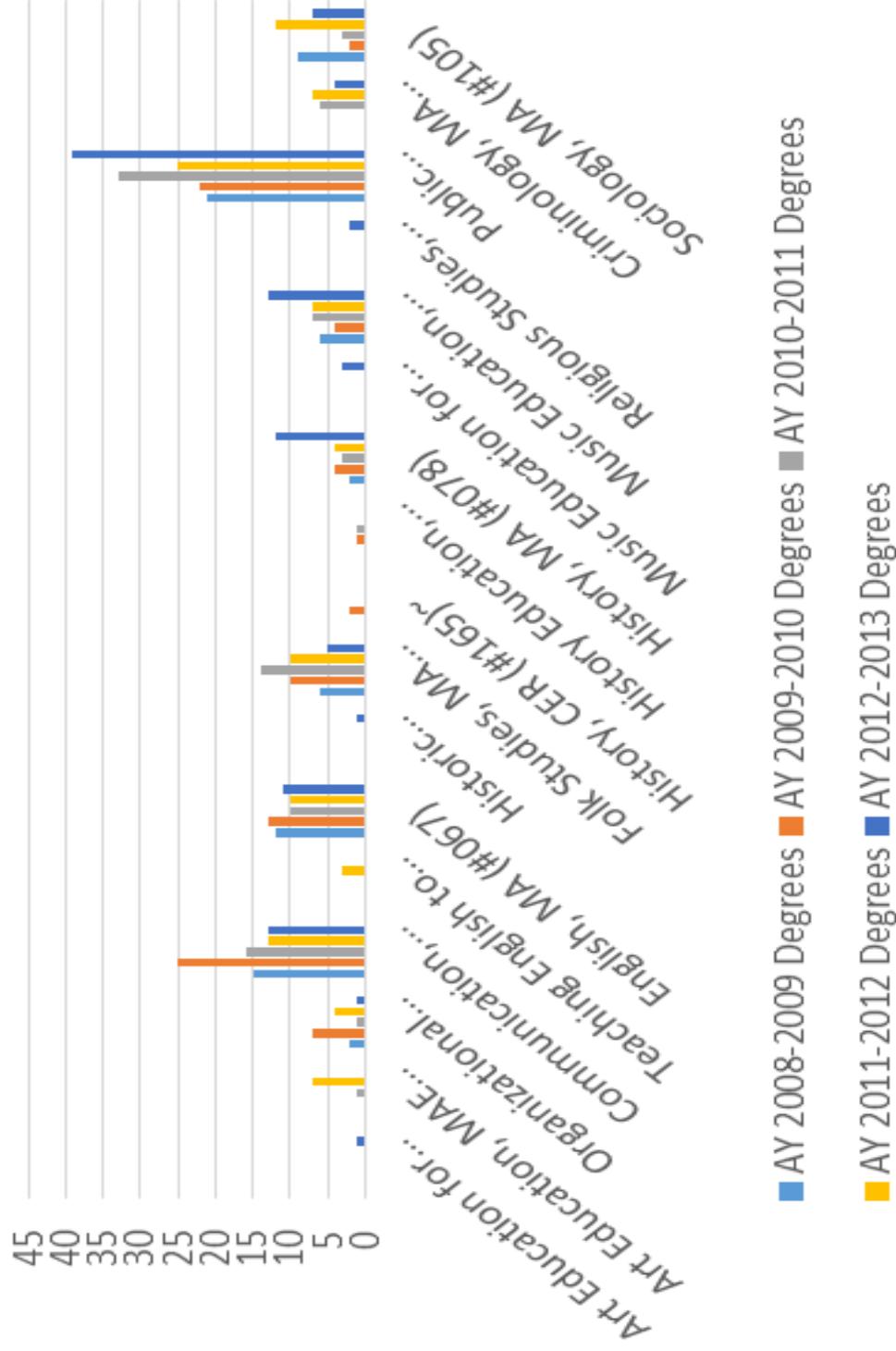


Degrees Awarded

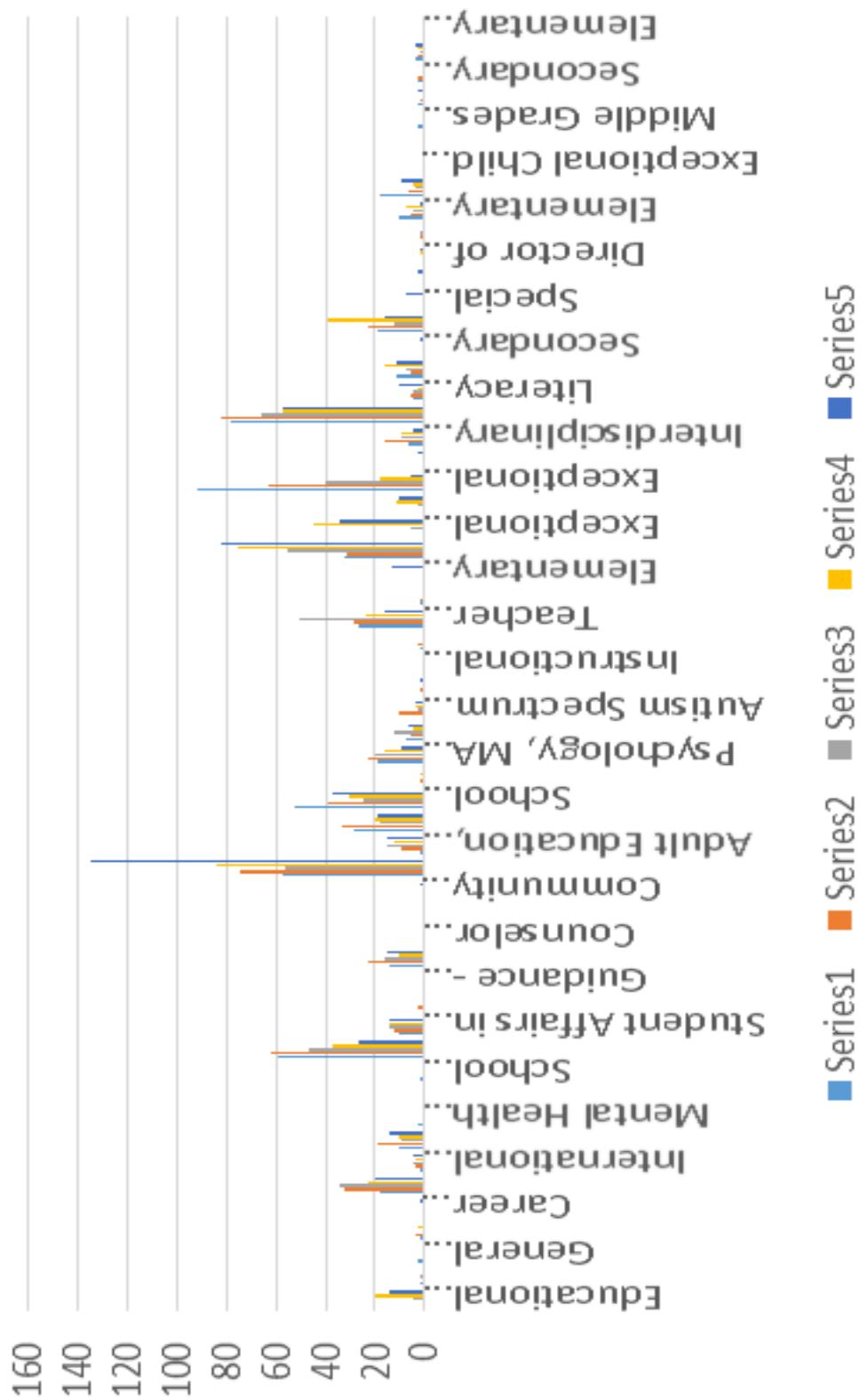
Degrees Awarded by College, 2009-10 to 2013-14

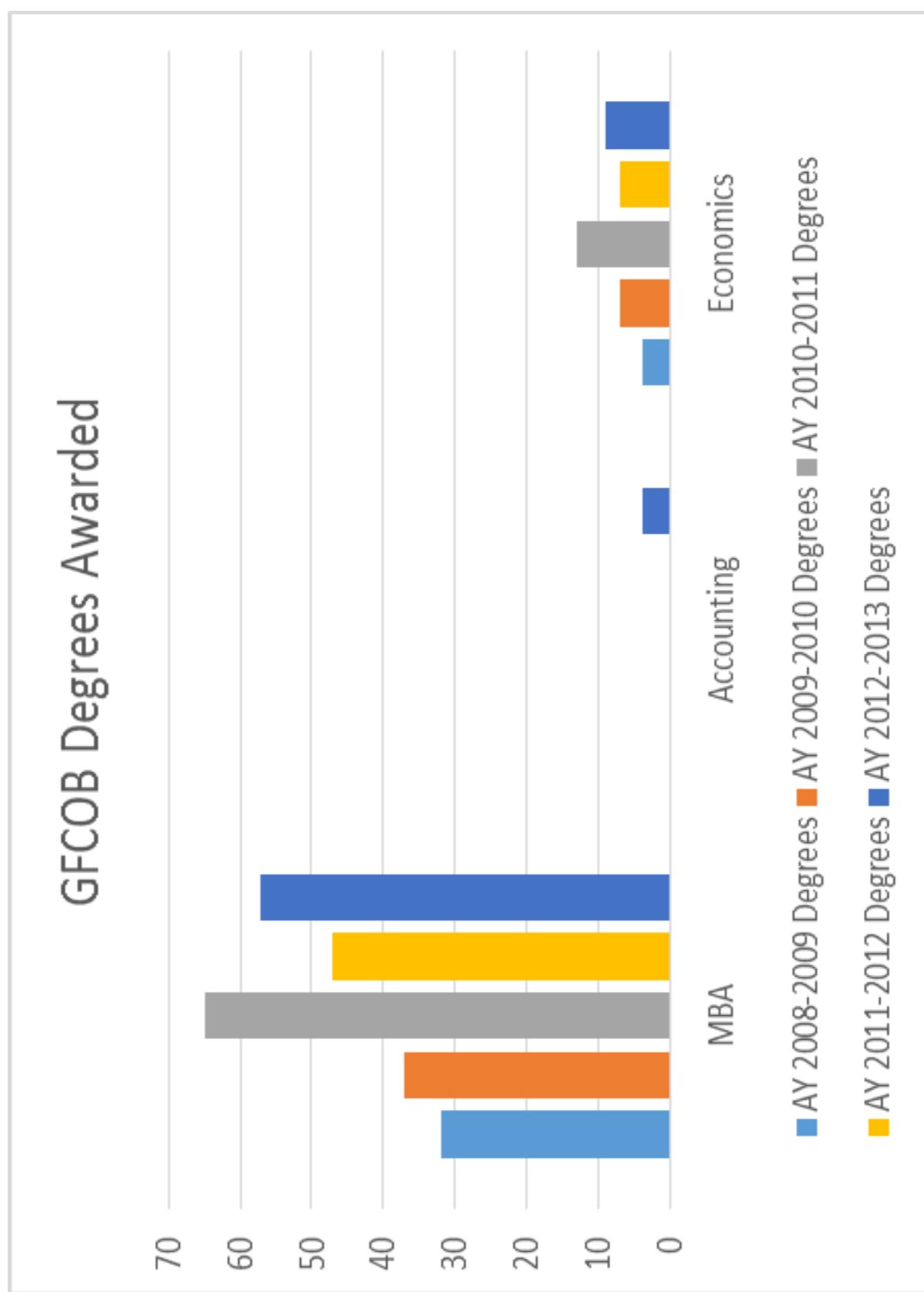
College	Degree	2009-10	2010-11	2011-12	2012-13	2013-14
PCAL	Certificate	9	1	7	2	4
	Master of Arts	54	52	56	54	58
	Master of Arts in Education	5	9	14	17	5
	Master of Music					6
	Master of Public Admin.	22	33	25	39	25
CEBS	Certificate	21	10	13	16	17
	Certification	138	142	132	171	150
	Doctor of Education		5	20	14	17
	Master of Arts	23	20	16	9	14
	Master of Arts in Education	284	245	311	293	183
	Master of Arts in Teaching					1
	Master of Science	82	66	57	57	48
GFCOB	Rank I	77	51	53	57	35
	Rank II	12	7	9	16	
	Specialist in Education	8	14	8	9	4
	Master of Accountancy				4	9
CHHS	Master of Arts	7	13	7	9	10
	Master of Business Admin	37	65	47	57	43
	Certificate	3	7	6	26	41
OCSE	Doctor of Nursing Practice					6
	Master of Health Admin	9	12	9	15	34
	Master of Public Health	29	42	24	26	14
	Master of Science	79	166	183	191	202
	Master of Science - Nursing	29	40	50	52	67
	Master of Social Work	97	55	67	39	63
	Rank I	8	8	4	5	5
UC	Certificate	4	2	3	4	4
	Master of Arts	1	2	13	6	6
	Master of Arts in Education				1	1
	Master of Science	75	74	90	95	90
Total	Certificate	26	56	29	28	19
	Master of Arts	17	13	15	19	23
		1,156	1,210	1,269	1,331	1,203

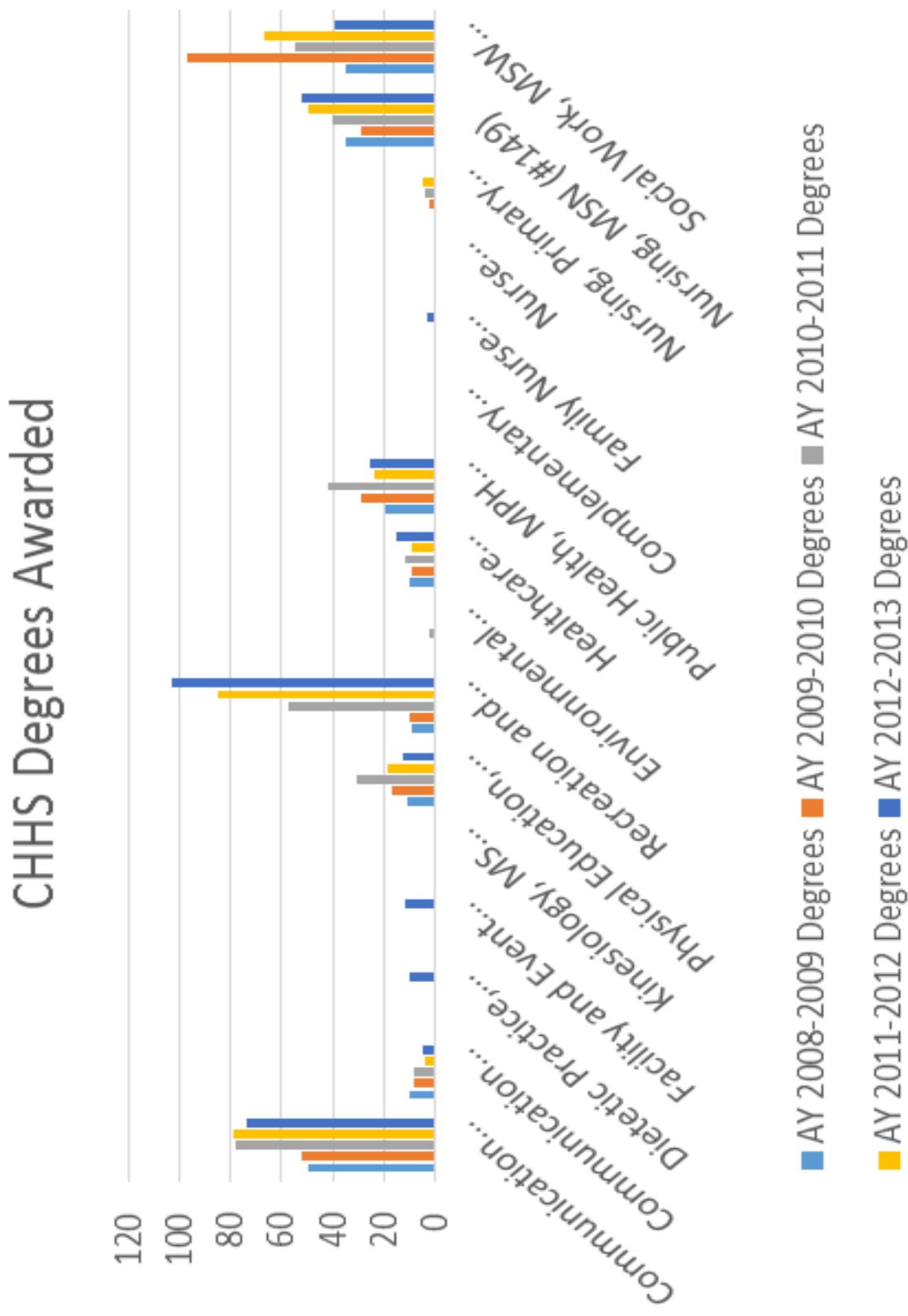
PCAL Degrees Awarded



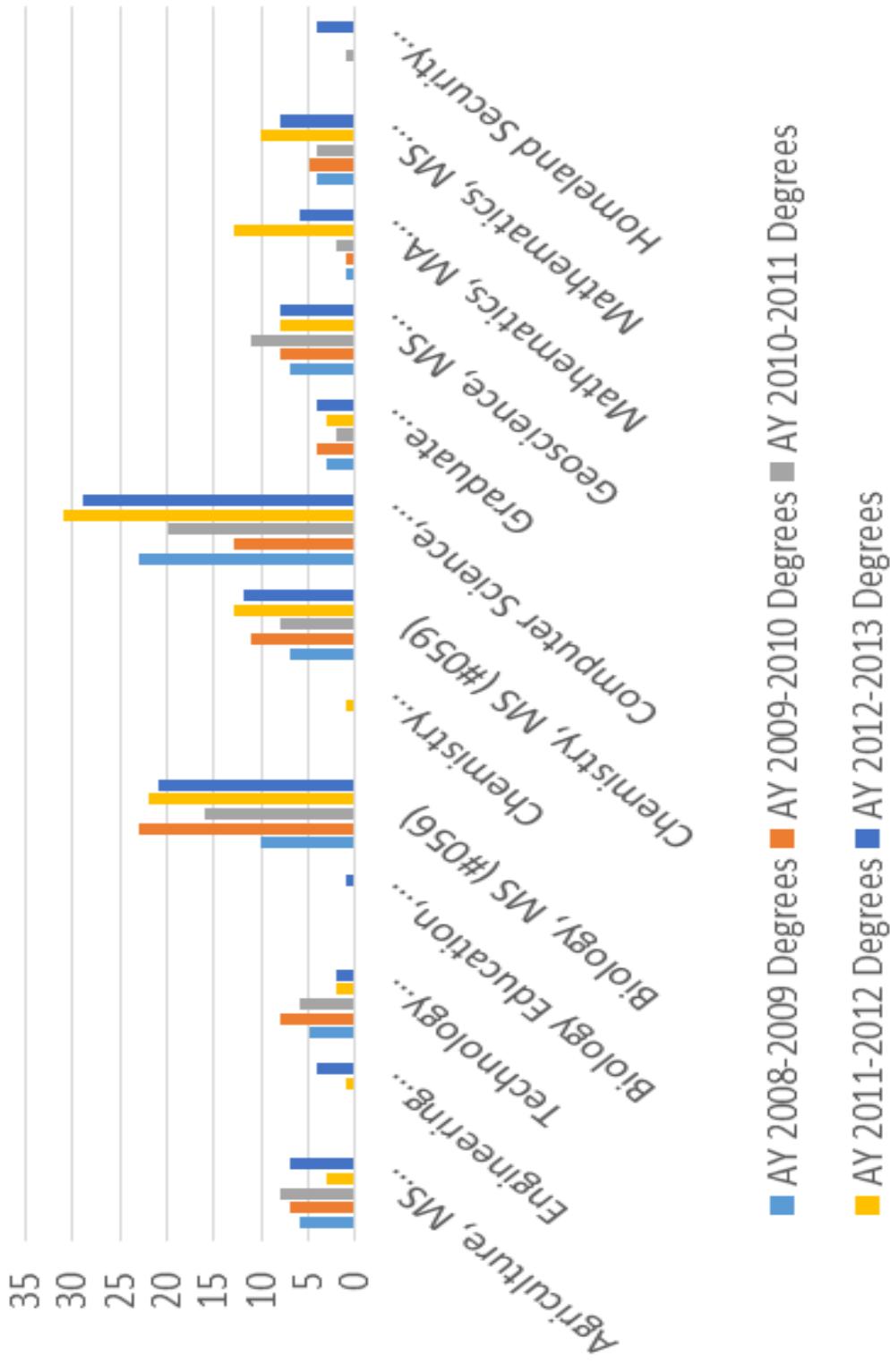
CEBS Degrees Awarded

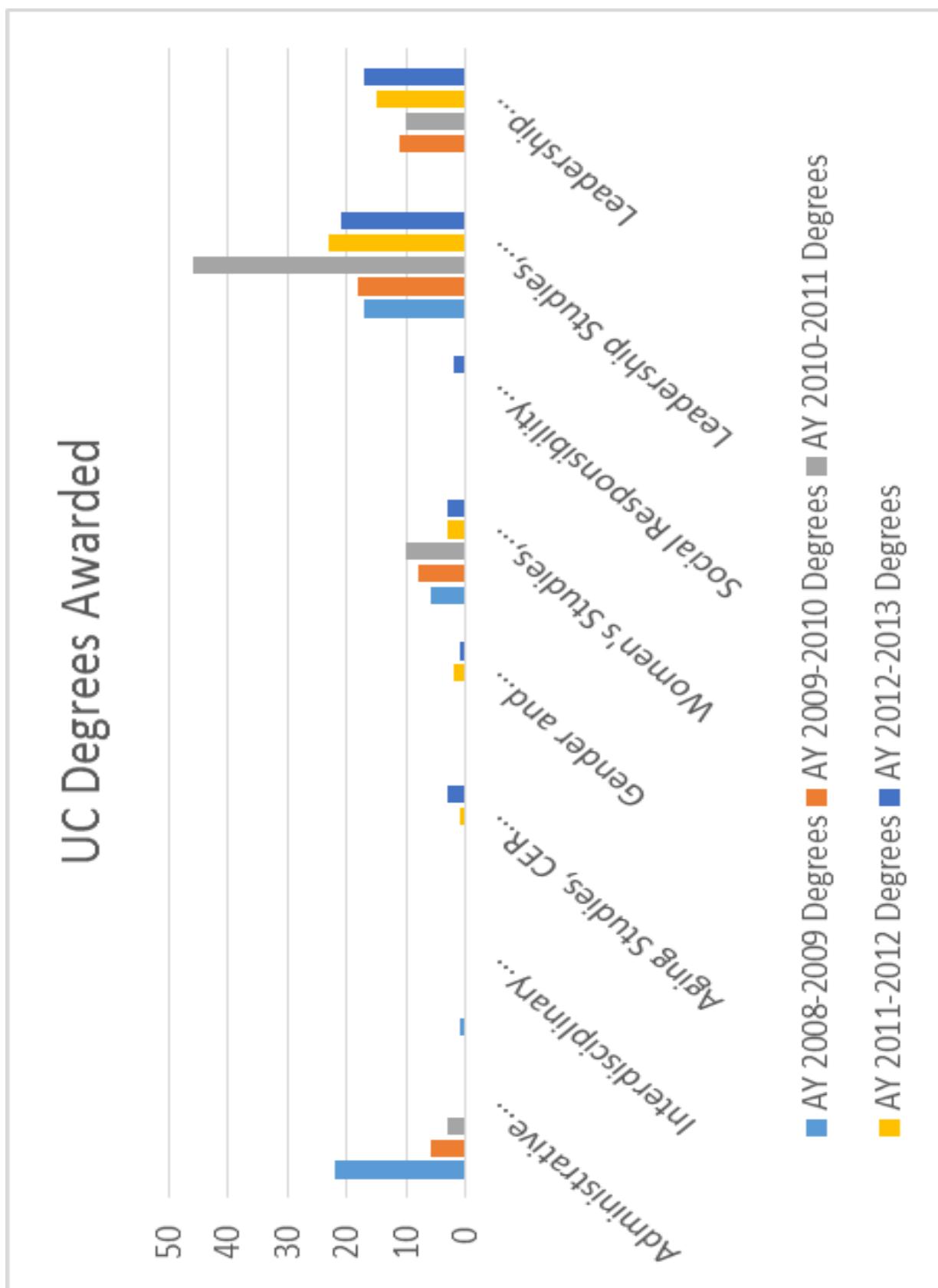






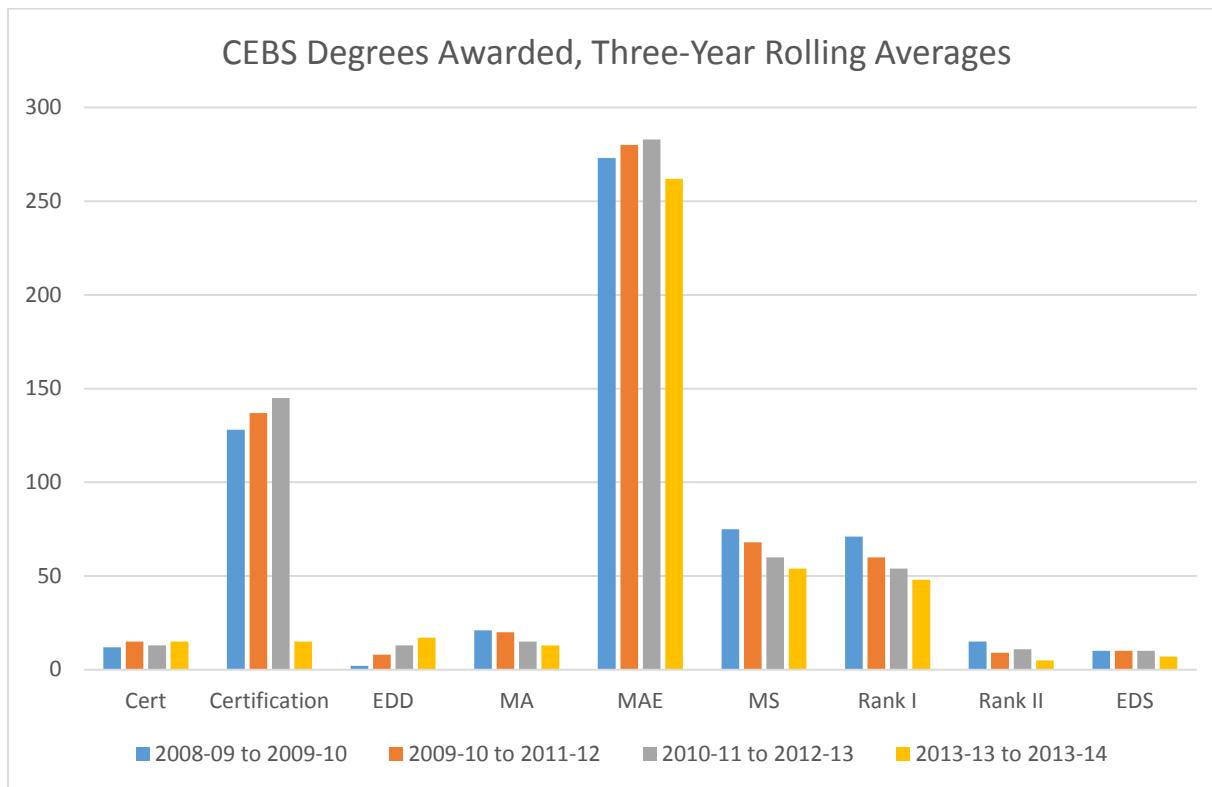
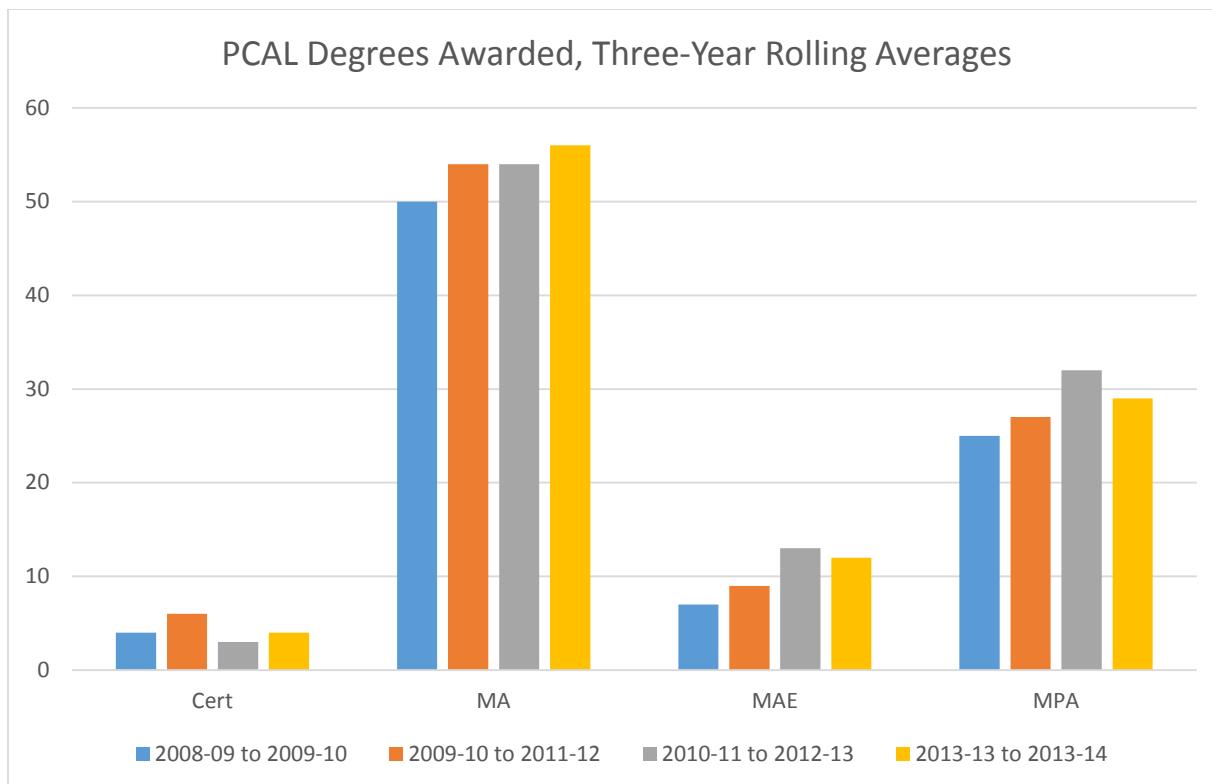
OCSE Degrees Awarded

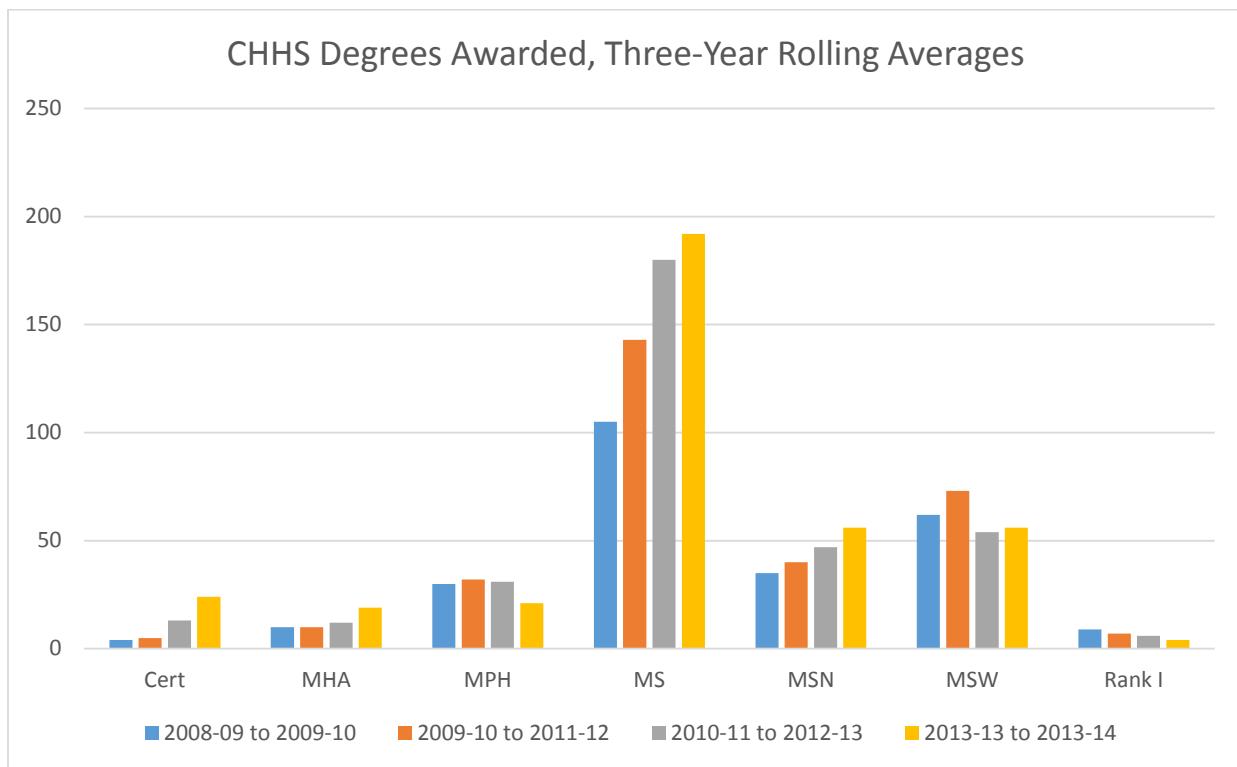
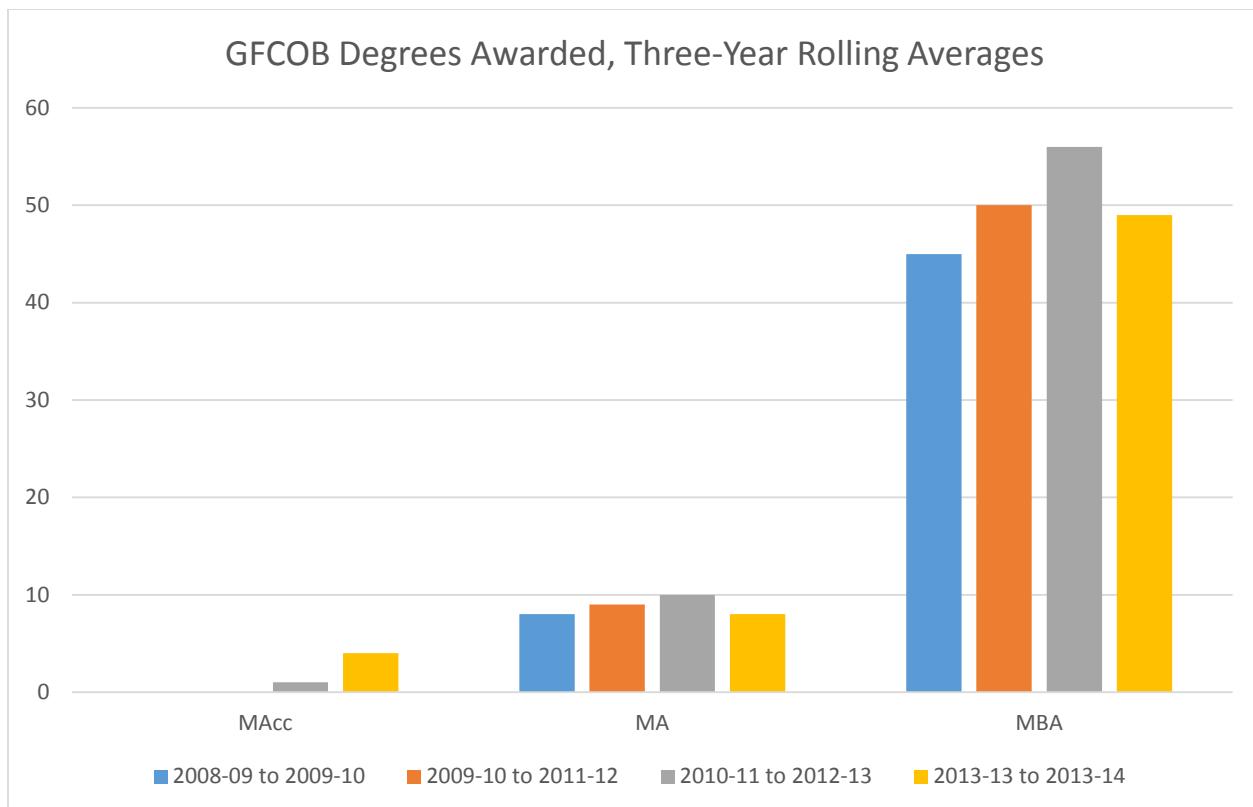


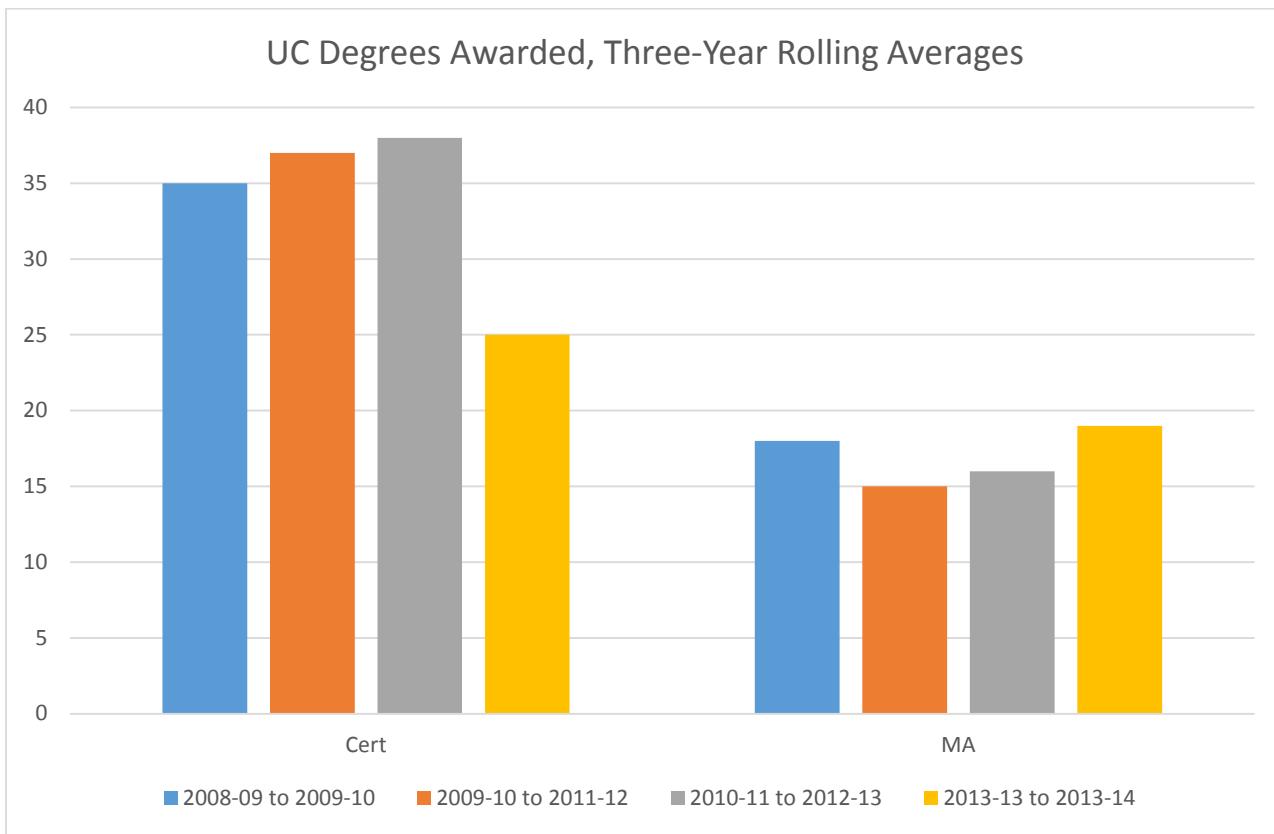
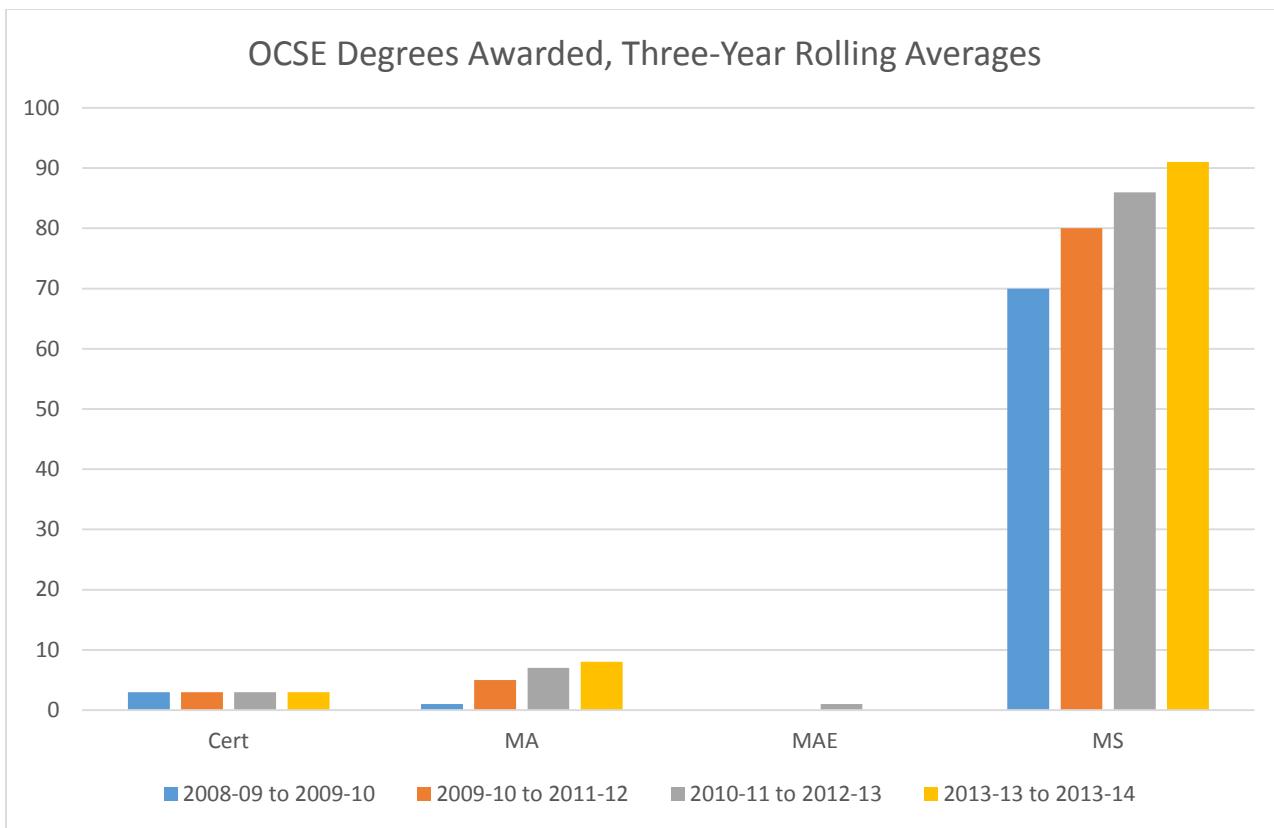


Degrees Awarded by College, Three-Year Rolling Averages

College	Degree	2008-09 to 2010-11	2009-10 to 2011-12	2010-11 to 2012-13	2012-13 to 2013-14
PCAL	Cert	4	6	3	4
	MA	50	54	54	56
	MAE	7	9	13	12
	MPA	25	27	32	29
CEBS	Cert	12	15	13	15
	Certification	128	137	145	15
	EDD	2	8	13	17
	MA	21	20	15	13
	MAE	273	280	283	262
	MS	75	68	60	54
	Rank I	71	60	54	48
GFCOB	Rank II	15	9	11	5
	EDS	10	10	10	7
	MAcc	0	0	1	4
CHHS	MA	8	9	10	8
	MBA	45	50	56	49
	Cert	4	5	13	24
OCSE	MHA	10	10	12	19
	MPH	30	32	31	21
	MS	105	143	180	192
	MSN	35	40	47	56
	MSW	62	73	54	56
	Rank I	9	7	6	4
UC	Cert	3	3	3	3
	MA	1	5	7	8
	MAE	0	0	1	0
	MS	70	80	86	91
Total	Cert	35	37	38	25
	MA	18	15	16	19
Total		1128	1211	1267	1116





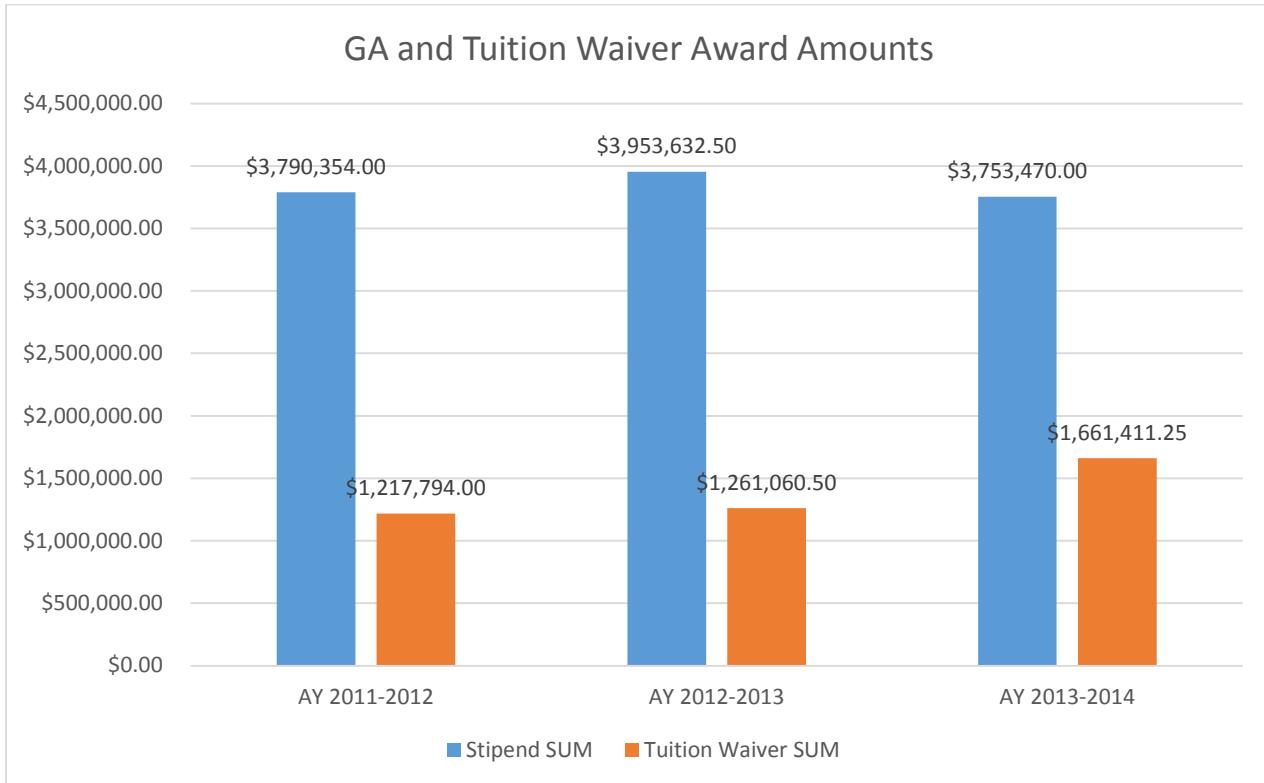
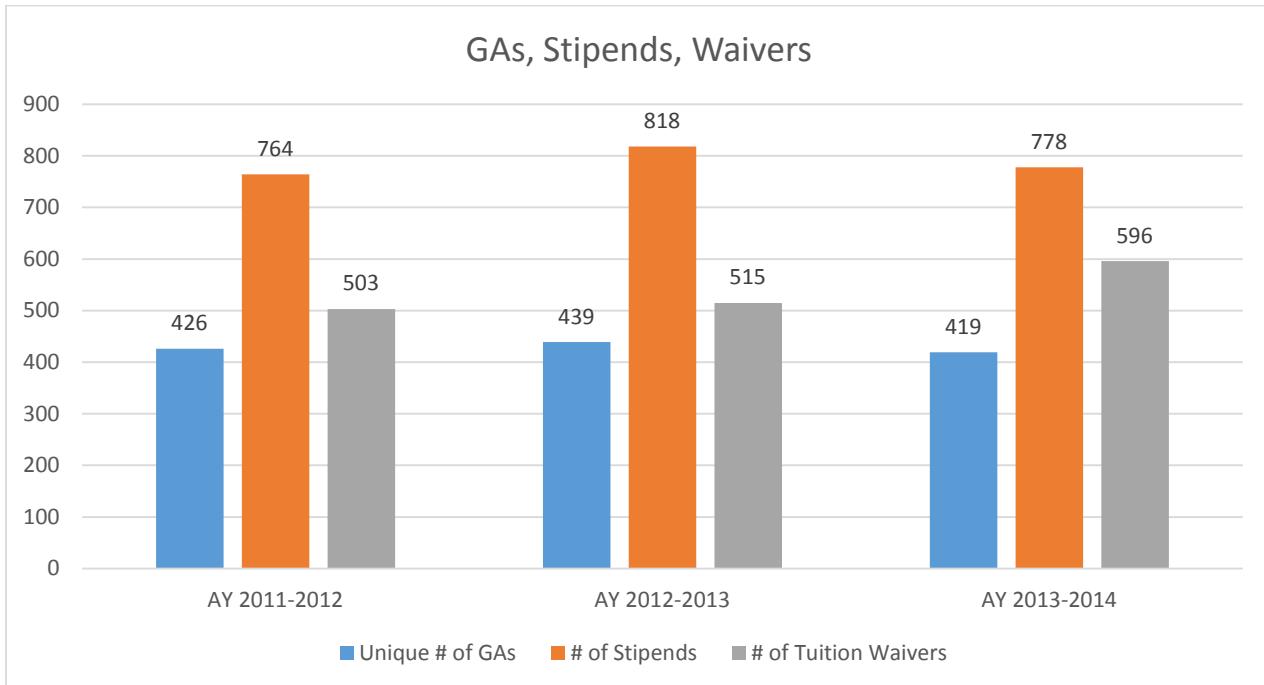


Assistantships

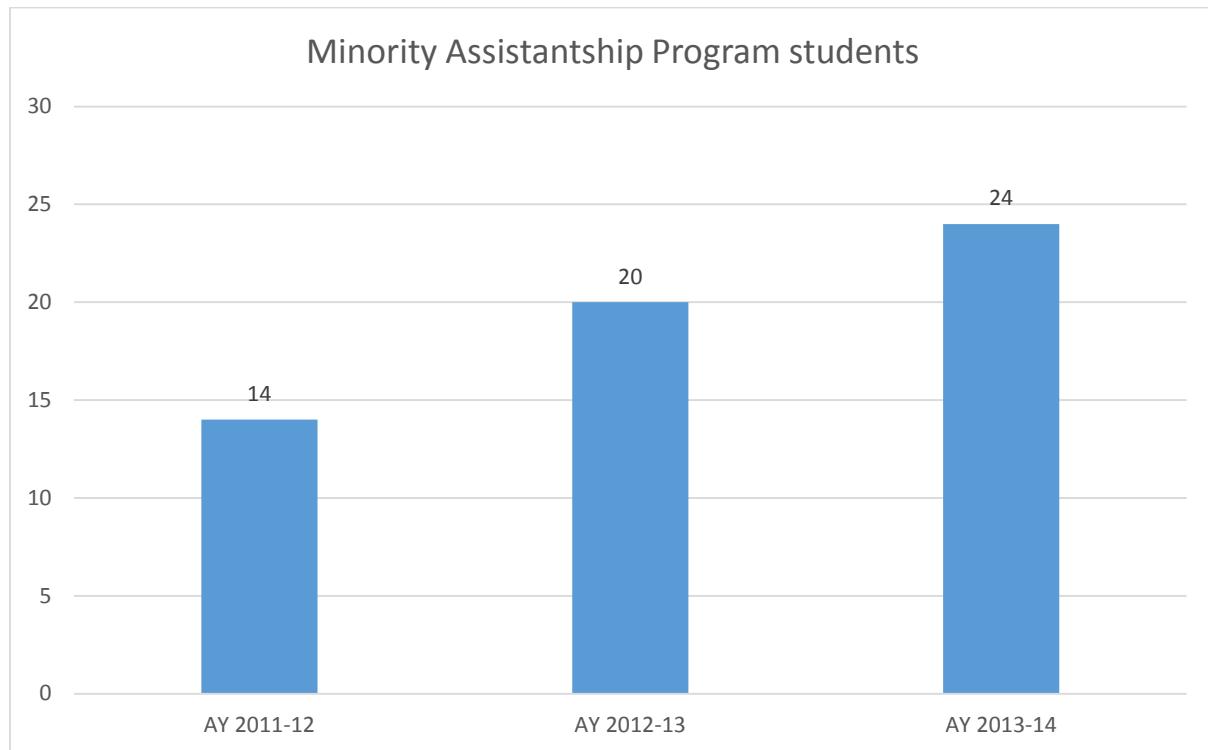
Assistantships by Area, 2011-14

Term		CEC Area	GFCOB	CEBS	CHHS	Enrollment Mgmt Area	DELO	GS	Internationalization Area	OCSE	Other Area	PCAL	Provost/VP Academic Affairs (Admin)	Student Publications Area	UC	Total
Summer 2011	Unique # of GAs		7	4	1	1			0	5	2	1			1	22
	# of Stipends		7	4	1	1				5	2	1			1	22
	Stipend Sum		\$14,850	\$15,756	\$10,000	\$3,750				\$13,750	\$20,000	\$3,900			\$1,500	\$83,506
	# of Tuition Waivers		0	0	0	0				0	0	0			0	0
	Tuition Waiver Sum															
Fall 2011	Unique # of GAs	13	62	57	6	15			2	72	42	70	3	1	17	359
	# of Stipends	13	62	57	6	15			2	72	42	70	3	1	17	360
	Stipend Sum	\$64,000	\$260,250	\$291,009	\$30,250	\$75,812			\$11,466	\$380,045	\$205,751	\$395,970	\$21,640	\$5,004	\$96,575	\$1,837,771
	# of Tuition Waivers	12	44	23	0	9			1	56	26	64	3	0	11	249
	Tuition Waiver Sum	\$16,658	\$80,593	\$103,770		\$20,016			\$1,290	\$104,257	\$61,800	\$154,391	\$12,744		\$32,079	\$587,596
Spring 2012	Unique # of GAs	20	57	58	8	13			3	63	49	68	3	1	21	362
	# of Stipends	20	57	59	8	13			3	66	50	72	3	1	21	373
	Stipend Sum	\$94,950	\$237,950	\$294,531	\$40,250	\$60,753			\$15,129	\$321,365	\$225,768	\$383,178	\$21,640	\$5,004	\$114,584	\$1,815,101
	# of Tuition Waivers	15	41	23	0	7			1	49	32	64	3	0	13	248
	Tuition Waiver Sum	\$18,888	\$76,393	\$105,102		\$11,295			\$1,290	\$97,412	\$93,288	\$147,849	\$12,744		\$40,575	\$604,033
Summer 2012	Unique # of GAs	6	8	4	2					1	5	2				28
	# of Stipends	6	8	4	2					1	5	2				28
	Stipend Sum	\$7,000	\$27,001	\$14,642	\$12,502					\$3,000	\$20,688	\$10,465				\$95,298
	# of Tuition Waivers	0	0	0	0					0	0	0				0
	Tuition Waiver Sum															
Fall 2012	Unique # of GAs	1	18	57	64	8	6	1	5	58	51	76	4		27	376
	# of Stipends	1	18	57	70	8	6	1	5	58	51	79	4		28	386
	Stipend Sum	\$4,750	\$88,756	\$264,771	\$304,603	\$38,651	\$24,191	\$3,500	\$25,876	\$299,684	\$246,414	\$432,516	\$29,140		\$140,444	\$1,903,295
	# of Tuition Waivers	0	13	35	27	2	2	0	3	53	31	73	4		11	254
	Tuition Waiver Sum	\$12,850	\$51,097	\$97,511	\$2,802	\$4,904			\$6,193	\$121,099	\$90,155	\$172,050	\$19,293		\$37,678	\$615,631
Spring 2013	Unique # of GAs	1	18	54	64	6	7	1	4	80	48	79	3		24	378
	# of Stipends	1	18	54	64	6	8	1	4	85	48	85	3		24	401
	Stipend Sum	\$4,750	\$88,754	\$255,531	\$296,597	\$27,539	\$30,358	\$3,500	\$20,676	\$390,101	\$229,984	\$446,612	\$21,640		\$125,507	\$1,941,548
	# of Tuition Waivers	0	11	35	26	2	2	0	3	62	31	74	3		10	259
	Tuition Waiver Sum	\$12,175	\$50,330	\$89,523	\$2,802	\$4,904			\$4,792	\$136,105	\$107,192	\$180,323	\$14,623		\$34,176	\$637,024
Summer 2013	Unique # of GAs		6	2							8	2			2	20
	# of Stipends		6	2							8	2			2	20
	Stipend Sum		\$15,075	\$7,752							\$31,380	\$7,465			\$6,306	\$67,978
	# of Tuition Waivers		0	0							0	0			0	0
	Tuition Waiver Sum															
Fall 2013	Unique # of GAs	1	15	73	55	7	10		4	58	46	72	4		20	365
	# of Stipends	1	15	73	55	7	10		4	59	46	76	4		20	370
	Stipend Sum	\$4,750	\$74,000	\$299,996	\$239,515	\$33,050	\$57,890		\$20,670	\$287,029	\$244,632	\$412,012	\$30,000		\$105,514	\$1,809,058
	# of Tuition Waivers	0	15	57	29	5	9		4	54	30	70	4		18	291
	Tuition Waiver Sum	\$14,555	\$122,783	\$93,028	\$19,251	\$28,134			\$10,083	\$125,758	\$116,832	\$194,328	\$16,905		\$44,045	\$786,501
Spring 2014	Unique # of GAs	1	17	75	56	6	8	1	3	66	53	70	4		18	378
	# of Stipends	1	17	75	56	6	8	1	3	69	53	76	4		18	387
	Stipend Sum	\$4,750	\$80,531	\$304,596	\$250,535	\$30,300	\$38,320	\$10,000	\$15,200	\$332,525	\$277,496	\$405,020	\$30,000		\$93,362	\$1,872,635
	# of Tuition Waivers	0	17	57	28	5	8	0	3	58	37	68	4		16	301
	Tuition Waiver Sum	\$26,113	\$130,847	\$103,945	\$19,251	\$31,531			\$7,143	\$146,220	\$129,667	\$195,618	\$16,905		\$38,932	\$846,171

GAs and Tuition Waivers, AY 2011-12 to AY 2013-14



Minority Assistantship Program (MAP), AY 2011-12 To 2013-14



Characteristics	MAP Students
GPA (Mean)	3.66
Retention Rate (%)	89%
Graduation Rate (%)	79%
Time To Graduation (Mean=Years)	2.13

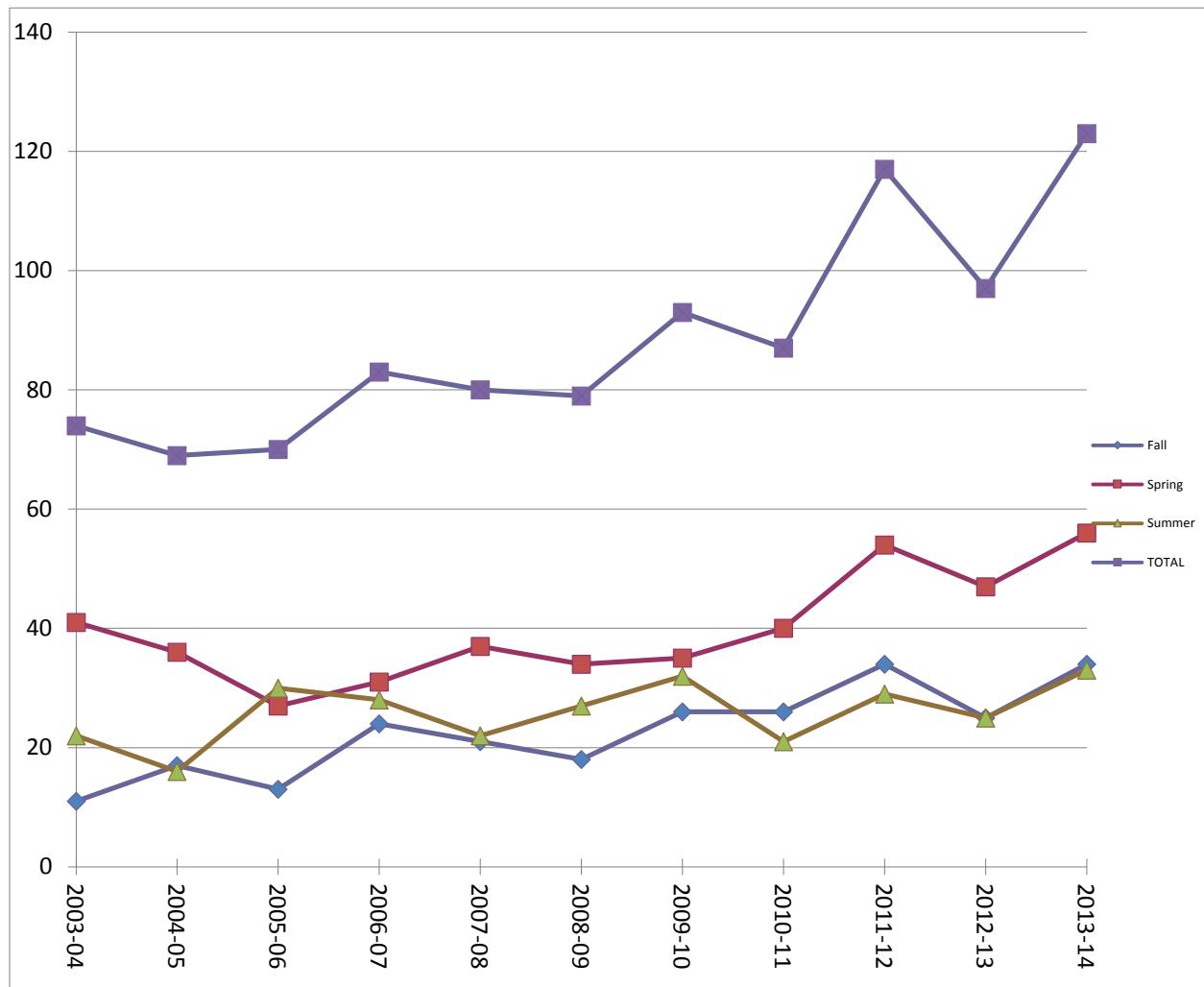
Recruitment

Selected 2013-2014 Student Recruitment Activities:

- Attended graduate recruitment fairs at Kentucky public institutions
- Attended graduate recruitment fairs for Kentucky private institutions
- Attended graduate recruitment events at regional areas
- Recruitment at National Conference on Undergraduate Research fair
- Attended on-campus Focus on WKU events
- Attended off-campus WKU Open House events
- Attended minority recruitment event in Louisville
- Attended WKU Grad Fairs at extended campuses and main campus
- Purchased new recruitment “giveaways”
- Created one-page recruitment info sheet
- Added recruitment-specific information to the Graduate School web site
- In process of implementing student recruitment and communications software

Theses and Dissertations

Theses and Dissertations by Academic Year, 2003-4 to 2013-14



List of 2013-14 Theses and Dissertations

Name		Term	Dept	Colle ge	Degr ee	Title	Faculty Chair
Ese	Aghenta	2014 10	PH	HHS	MPH	<i>Using the Theory of Planned Behavior to Explain Physical Activity Among College Students</i>	Gretchen Macy
Amy	Allen	2014 10	EDL D	EDU	EDD	<i>Teachers' Perceptions of Working Conditions: The Difference Between Static and Improving Schools in Kentucky</i>	Ric Keaster
Faisal	Alzomily	2013 20	AMS	SCI	MS	<i>Has Safeer Improved SACM's Work and Helped Saudi Students in the USA Resolve Their Needs Quickly?</i>	Daniel Jackson
Frank	Aryee	2014 10	GEO	SCI	MS	<i>A Spatial Assessment of the GO bg Transit Services in Bowling Green, Kentucky</i>	Jun Yan
Nawras	Asiri	2013 20	CHE M	SCI	MS	<i>Selective Catalytic Oxidation of Organic Sulfides by Iron (III) Porphyrin Catalysts and Generation of Iron (IV)-Oxo Porphyrin Radical Cations</i>	Rui Zhang
Andrew	Austin	2014 10	AMS	SCI	MS	<i>Process Capability in a Computer Integrated Manufacturing Cell</i>	Greg Arbuckle
Usha Kranthi	Avala	2013 20	CHE M	SCI	MS	<i>Ionic Conductivity in Non-Ionic Compounds</i>	Quintin Lineberry
Heather	Bakari	2014 10	PSY	EDU	EDS	<i>Evaluation of an Elementary PBIS Bully Prevention Program</i>	Ronda Talley
Mahdi	Bandegi	2014 20	MAT H	SCI	MS	<i>A Coupled PDE Model for the Morphological Instability of a Multi-Component Thin Film During Surface Electromigration</i>	Mikhail Khenner
Jordan	Blacklock	2013 30	AMS	SCI	MS	<i>The Strategic Plan of a Medium-Sized Enterprise Compared to the Baldrige Criteria</i>	Greg Arbuckle

Kwasi	Boateng	2014 10	AMS	SCI	MS	<i>Improving Cocoa Production Through Lean: A Case Study of the Ghanaian Cocoa Industry</i>	Mark Doggett
Rachel	Bowles	2013 20	GEO	SCI	MS	<i>The Use of the Ostracode Cyprideis Americana (Sharpe) as a Proxy for Salinity in Bahamian Lake Systems</i>	Frederick Siewers
Steven	Briggs	2014 20	EDL D	EDU	EDD	<i>Type of School and Parental Awareness of the Clery and Minger Acts When Selecting a College in the Commonwealth of Kentucky</i>	Aaron Hughey
Brandi	Button	2013 20	DCS	UC	MA	<i>Plain & Simple: The Will to Live Sustainably in an Unsustainable World</i>	Jane Olmsted
Marietta Joleen	Byerline	2013 20	AMS	SCI	MS	<i>How Kaizen Group Leader Selection Affects Group Participation</i>	Mark Doggett
Angela	Byrd	2013 30	SOC	AL	MA	<i>Structure Matters: Examining Illness Behavior Using Parson's Sick Role</i>	Jerry Daday
Ashley	Carey	2014 20	PSY	EDU	EDS	<i>Alternate Forms Reliability for Written Expression Probes</i>	Carl Myers
Aaron	Carver	2014 20	CHE M	SCI	MS	<i>Selective Oxidations by Iron (III) Porphyrins and Iron (III) Corroles</i>	Rui Zhang
Jessica	Carver	2014 10	COM M	AL	MA	<i>Tensions and Metaphors in Higher Education Fundraising Profession</i>	Jennifer Mize Smith
Suttirut	Charoenphon	2014 10	MAT H	SCI	MS	<i>Green's Functions of Discrete Fractional Calculus Boundary Value Problems and an Application of Discrete Fractional Calculus to a Pharmacokinetic Model</i>	Ferhan Atici
Tse Hong	Chen	2014 10	CHE M	SCI	MS	<i>Selective Oxidations by Metalloporphyrins and Metallocorroles</i>	Rui Zhang
Yan	Chen	2013 30	GEO	SCI	MS	<i>Spatial Analysis of Fatal Automobile Crashes in Nashville, TN, 2001-2011</i>	Jun Yan
Thomas	Cherry	2014 20	ENG	AL	MA	<i>Variation Within Uniformity: The English Romantic Sonnet</i>	Lloyd Davies

Erika	Christianson	2013 30	PSY	EDU	MA	<i>Program Evaluation of Behavior Management Training for Preschool Teachers: Child Outcomes</i>	Elizabeth Lemerise
Selahittin	Cinar	2014 10	MATH	SCI	MS	<i>Analysis of a Partial Differential Equation Model of Surface Electromigration</i>	Mikhail Khenner
Dana	Clayton	2013 30	EDLD	EDU	EDD	<i>Factors and Influences Contributing to the College Selection Decision of High Achieving High School Seniors</i>	Barbara Burch
Nicholas	Cobb	2013 30	ETM	SCI	MS	<i>A Problem Solving Approach to Enterprise FileVault 2 Management and Integration</i>	Mark Doggett
Bethany	Coffey	2014 20	BIO	SCI	MS	<i>Melanin as an Oto-Protective Pigment in Two Fish Species: Poecilia Latipinna and Cyprinus Carpio</i>	Michael Smith
Charles	Crabtree	2014 20	PSY	EDU	MA	<i>Short-Term Visual Deprivation, Tactile Acuity, and Haptic Solid Shape Discrimination</i>	Farley Norman
Ryan	Cummings	2013 20	COMM	AL	MA	<i>Forgiveness-Granting Communication as a Facework Phenomenon</i>	Kumi Ishii
Ryan	Dearbone	2014 10	COMM	AL	MA	<i>Relational Development, Self-Disclosure, and Invasion of Privacy: College Students and Teachers as Facebook Friends</i>	Blair Thompson
Kelly	Derham	2014 10	BIO	SCI	MS	<i>Wire Netting Reduces African Elephant (<i>Loxodonta Africana</i>) Impact to Selected Large Trees in South Africa</i>	Bruce Schulte
Levi	Dopierla	2014 10	CHEM	SCI	MS	<i>Synthesis and Characterization of Some Thallium Salt Complexes</i>	Chad Snyder
Kerry	Duck	2014 10	PSY	EDU	MA	<i>The Effects of Problem-Based Learning on Interest in Mathematics for Elementary Students Across Time</i>	Steven Wininger



Ehsan	Estiri	2014 20	FLK	AL	MA	<i>Let's Do It, We Will Find Out Why: Traditional Performance and (Re)Construction of its Associated Beliefs in the Case of the Persian Bonfire Ceremony, Wednesday Feast</i>	Erika Brady
Marcus	Evans	2014 10	REL	AL	MA	<i>Shinto: An Experience of Being at Home in the World with Nature and Others</i>	Paul Fischer
Shilo	Felton	2013 30	BIO	SCI	MS	<i>Novel Applications of Multivariate Methods for Exploring Personality in African Elephants</i>	Michael Collyer
Brent	Fisk	2013 20	ENG	AL	MA	<i>History Has the Voice of a Bird-Filled Tree</i>	Thomas Hunley
Shannon	Follett	2014 20	PSY	EDU	EDS	<i>A Preliminary Investigation of the Effects of a Professional Development Training on Secondary Students' Reading Scores</i>	Carl Myers
Jacob	Fose	2013 30	BIO	SCI	MS	<i>Interference in White Bass Reproduction by Two Introduced Predators in Barren River Lake, Kentucky</i>	Philip Lienesch
Caley	Foster	2013 20	PSY	EDU	MA	<i>The Effect of Motive and Coworker Liking on the Intention to Perform Organizational Citizenship Behavior</i>	Elizabeth Shoenfelt
Julia	Freeman	2013 30	BIO	SCI	MS	<i>Single Nucleotide Polymorphisms Linked to Essential Hypertension in Kasigau, Kenya</i>	Nancy Rice
Christopher	Gaddis	2013 30	EDL D	EDU	EDD	<i>Secondary School Athletic Administration Certification: State Oversights, Requirements, and Pressing Issues Athletic Directors Encounter</i>	Randy Deere
Brady	Garabato	2013 20	CHE M	SCI	MS	<i>Synthesis and Computational Studies of a New Class of Lanthanide Niobate Cluster: [Ln4(H2O)8(SO4)5(NbO3)2]·3H2O; Ln= Dy, Tb</i>	Jeremy Maddox
Elizabeth	Garrett	2014 10	ENG	AL	MA	<i>The Ancient Art of Smile-Making</i>	David Bell



Shravan	Gavva	2013 20	CHE M	SCI	MS	<i>Single Step Synthesis of Antibiotic Kanamycin Embedded Gold Nanoparticles for Efficient Antibacterial Activity</i>	Rajalingam Dakshinamurthy
Geneva	Ged	2013 30	ENG	AL	MA	<i>Conscious Reconstruction: The Effects of Second Language Acquisition on Gender Identity</i>	Elizabeth Winkler
Stephen	Goddard	2014 10	FLK	AL	MA	<i>Neither (Fully) Here Nor There: Negotiation Narratives of Nashville's Kurdish Youth</i>	Ann Ferrell
Srujan	Gopu	2013 20	CS	SCI	MS	<i>Experimental Studies of Android App Development for Smart Chess Board System</i>	Guangming Xing
Ashley	Gore	2013 20	ENG	AL	MA	<i>Being the Beautiful Fool</i>	David Bell
Savitri	Grover	2013 30	PH	HHS	MHA	<i>Factors Influencing the Decision and Ability to Seek Health Services Among HIV/AIDS Patients in Tanzania</i>	William Mkanta
Daryl	Hagan	2014 10	EDL D	EDU	EDD	<i>Catholic School Faculty Meetings: A Case Study Linking Catholic Identity, School Improvement, and Teacher Engagement</i>	Gary Houchens
Ryan	Hall	2013 30	EDL D	EDU	EDD	<i>Saudi Male Perceptions of Study in the United States: An Analysis of King Abdullah Scholarship Program Participants</i>	Barbara Burch
Veronica	Hall	2014 10	GEO	SCI	MS	<i>Addressing Water Resources Issues in Barbados Through an Isotopic and Atmospheric Characterization of Precipitation Variability</i>	Jason Polk
Mallory	Hart	2014 20	PSY	EDU	EDS	<i>Test-Retest Reliability of Curriculum-Based Measurement Written Expression Probes</i>	Carl Myers
Bruce	Hatcher	2013 30	GEO	SCI	MS	<i>Sources of CO₂ Controlling the Carbonate Chemistry of the Logsdon River, Mammoth Cave, Kentucky</i>	Chris Groves
Imari	Hazelwood	2014 10	LIT	EDU	MA	<i>Value and Effectiveness of an Intervention Reading Course</i>	Pamela Petty



Lynn	Hines	2013 30	EDL D	EDU	EDD	<i>National Board for Professional Teaching Standards Certification and Teacher Self-Efficacy</i>	Gary Houchens
Tara	Holaday	2013 30	PSY	EDU	MA	<i>Suicide-Related Imagining and Acquired Capability: Investigating the Role of Imagery in Self-Harm Behaviors</i>	Amy Brausch
Robert	Howard	2014 20	HIST	AL	MA	<i>Where was the Outrage? The Lack of Public Concern for the Increasing Sensationalism in Marvel Comics in a Conservative Era 1978-1993</i>	Anthony Harkins
LeAnn	Howell	2013 30	EDL D	EDU	EDD	<i>The Relationship Between Servant Leadership Constructs and Collective Self-Esteem</i>	Randall Capps
Samuel	Hunt	2014 20	EDL D	EDU	EDD	<i>Towards a More Perfect Definition of Learning: Using Protein Biomarkers to Predict and Assess Learning Performance</i>	Barbara Burch
Sean	Hutchison	2013 30	GEO	SCI	MS	<i>Eastern Deciduous Forest Phenology and Vegetative Vigor Trends from 2000 to 2013, Mammoth Cave National Park, KY</i>	John All
Harika	Javangula	2014 10	CHE M	SCI	MS	<i>Comparative Studies on Standard and Fire-Rated Gypsum Wallboards</i>	Quentin Lineberry
Jessica	Johnston-Fisher	2014 10	PSY	EDU	MA	<i>Testing a Multi-Level Mediation Model of Incivility: The Role of Civility Climate and Group Norms for Civility</i>	Anthony Paquin
Gillian	Jones	2013 20	BIO	SCI	MS	<i>Development of Tools to Assess the Effects of Lunasin on Normal Development and Tumor Progression in Drosophila Melanogaster</i>	Ajay Srivastava
Natalie	Jones	2014 10	CHE M	SCI	MS	<i>Tetracyclines in Swine Waste</i>	Eric Conte
Mana	Kariman	2014 10	EAL R	EDU	EDD	<i>College Organizational Structure and Its Impact on Accessible Distance Learning for Students with Disabilities</i>	Marty Boman

Santhosh Kumar	Kasulavada	2013 20	CHE M	SCI	MS	<i>Analysis of Kyrock for Leaching of Impurities in Synthetic Rainwater</i>	Cathleen Webb
Katie	Keating	2014 10	LIT	EDU	MAE	<i>The Creation of a Ninth Grade Literacy Course: One Teacher's Experience in Teaching a Standards-Based Literacy Course</i>	Pamela Petty
Gregory	Kedenburg	2014 20	PSY	EDU	MA	<i>Examining the Interaction Between Leadership Style and Organizational Justice and Its Effect on Organizational Commitment, Job Satisfaction, and Work Stress</i>	Amber Schroeder
Sumbul	Khan	2013 30	AMS	SCI	MS	<i>Improvement of Pedagogical Laboratory Based Learning: Multimedia Enhanced Instructional Methods</i>	Greg Arbuckle
Yogesh	Kherde	2014 20	CHE M	SCI	MS	<i>Green Synthesis and Evaluation of Catalytic Activity of Sugar Capped Gold Nanoparticles</i>	Rajalingam Dakshinamurthy
Rondal	Kittleman	2014 20	PSY	EDU	MA	<i>The Cessation of NSSI: Differences in Acquired Capability and Distress Tolerance</i>	Amy Brausch
Seth	Kline	2014 10	PSY	EDU	MA	<i>The Perceived Relevance of Training in Industrial/Organizational Psychology at the Terminal Master's Level</i>	Elizabeth Shoenfelt
Varun Kiran	Kolanka	2014 20	CHE M	SCI	MS	<i>Cost Effective Synthesis of Ionic Liquids and Their Thermal Properties</i>	Yan Cao
Audrey	Lama	2013 30	PHY	SCI	MS	<i>Wireless Communication System for Remote Trace Detection and Recognition of Hazardous Gases</i>	Vladimir Dobrokhotov
Dana	Larson	2013 30	PSY	EDU	MA	<i>Feeling Sad? Maybe You are Just Uncertain! A Predictive Test for Depression</i>	Aaron Wichman
Gregory	Latham	2013 30	SOC	AL	MA	<i>From Within the Abyss: Drug Users in Areas of Rural Poverty</i>	Douglas Smith

Nicholas	Lawhon	2014 10	GEO	SCI	MS	<i>Investigating Telogenetic Karst Aquifer Processes and Evolution in South-Central Kentucky, U.S., Using High-Resolution Storm Hydrology and Geochemistry Monitoring</i>	Jason Polk
Sukyeon	Lee	2014 10	CHE M	SCI	MS	<i>Electrically Controlled Formation and Release of Admicelles for Solid Phase Extraction</i>	Eric Conte
Divya	Lella	2014 10	CHE M	SCI	MS	<i>Functionalization and Modification of Naphthaquinone Analogs as HER2 Kinase Inhibitors</i>	Cheryl Stevens
Nicholas	Levis	2014 10	BIO	SCI	MS	<i>Level of UV-B Radiation Influences the Effects of Glyphosate-Based Herbicide on Fitness of the Spotted Salamander</i>	Jarrett Johnson
Bradley	Lindsey	2014 10	SOC	AL	MA	<i>Understanding Modern Church Growth and Functioning: A Qualitative Case Study on the Framing of Communicative Action</i>	Steve Groce
Jeremy	London	2014 10	GEO	SCI	MS	<i>Geologic Factors Affecting Hydrocarbon Occurrence in Paleovalleys of the Mississippian-Pennsylvanian Unconformity in the Illinois Basin</i>	Michael May
Austin	Lowe	2014 20	PSY	EDU	MA	<i>Objective Measures and Insight Assessments of Muscle Dysmorphia</i>	Frederick Grieve
Hajara	Mahmood	2014 10	EDL D	EDU	EDD	<i>An Analysis of Acculturative Stress, Sociocultural Adaptation, and Satisfaction Among International Students at a Non-Metropolitan University</i>	Monica Galloway Burke
Venkata Ramana	Manda	2014 10	CHE M	SCI	MS	<i>Enhancing the Photovoltaic Performance of P3HT/PDIB Silsesquioxane Donor-Acceptor Blend Using Spray Deposition Fabrication Technique</i>	Hemali Rathnayake
Amanda	Mandelke	2014 20	PSY	CEBS	MA	<i>Professional Opinion on the Use of Interest Inventories in Employee Selection</i>	Elizabeth Shoenfelt

Scarlett	Marklin	2014 20	SOC	AL	MA	<i>Examining the Influence of Race, Class and Gender Inequalities on Perceptions of the American Dream since the 2008 Economic Recession</i>	Lauren McClain
James (Kevin Tewell)	Martin	2013 30	BIO	SCI	MS	<i>Landscape Genetics of the Marbled Salamander (<i>Ambystoma Opacum</i>) at Mammoth Cave National Park</i>	Jarrett Johnson
Kenyetta	Martin	2014 20	EDL D	EDU	EDD	<i>The Minority Assistantship Program (MAP): Graduate Outcomes and Impact</i>	Tony Norman
Lauren	Martin	2014 10	EDL D	EDU	EDD	<i>Identifying the Relationship Between the MAP and WJ-III Reading Tests to Make Instructional Decisions within a RTI Framework</i>	Carl Myers
Kegan	McClanahan	2014 20	GEO	SCI	MS	<i>Carbon Cycling Dynamics Inferred from Carbon Isotope Sourcing in a Mid-Latitude Karst-Influenced River</i>	Jason Polk
Kelly	McCoy	2013 30	PSY	EDU	MA	<i>Uncertainty, Individual Differences, and Paranormal Beliefs</i>	Aaron Wichman
Luke	Miles	2013 30	GEO	SCI	MS	<i>Global Digital Elevation Model Accuracy Assessment in the Himalaya, Nepal</i>	John All
Mary Lloyd	Moore	2013 30	EDL D	EDU	EDD	<i>Predictive Admission Criteria in Graduate Programs in Speech-Language Pathology</i>	Barbara Burch
Brittany	Morris	2014 20	PSY	EDU	MA	<i>Examining Group Differences Between Suicidal Veterans Classified as Wish to Live, Ambivalent, or Wish to Die Using the Suicide Index Score</i>	Stephen O'Connor
Adam	Murray	2014 10	EDL D	EDU	EDD	<i>The Academic Library and High-Impact Practices for Student Retention: Perspectives from Library Deans</i>	Barbara Burch

Dan	Nedvidek	2014 20	GEO	SCI	MS	<i>Evaluating the Effectiveness of Regulatory Stormwater Monitoring Protocols on Groundwater Quality in Urbanized Karst Regions</i>	Jason Polk
Quang	Nguyen	2013 20	CHE M	SCI	MS	<i>Reinventing Aromatic Substitution: A Novel Look</i>	Donald Slocum
Azuakol am	Nwosu	2014 20	AMS	SCI	MS	<i>Positively Perceived Impacts of Cellular Phones on Nigerian Society</i>	Daniel Jackson
David	Oliver	2013 30	EDL D	EDU	EDD	<i>A Comparative Analysis of the Relationship Between Employee Perceptions of an Organizational Leader's Commitment to Safety and Actual Injury Rates in a University Setting</i>	Randall Capps
Ebo	Osam	2014 10	PSY	EDU	MA	<i>The Adaptation of a Situational Judgment Test to Measure Leadership Knowledge in the Workplace</i>	Elizabeth Shoenfelt
Laura	Osterhoudt	2014 10	GEO	SCI	MS	<i>Impacts of Carbonate Mineral Weathering on the Hydrochemistry of the Upper Green River Basin, Kentucky</i>	Chris Groves
Gilman	Ouellette	2013 20	GEO	SCI	MS	<i>Late Holocene Paleoenvironmental Reconstruction in Barbados</i>	Jason Polk
Nitin Kumar	Pally	2013 30	CHE M	SCI	MS	<i>Synthesis and Structures of New Three-Dimensional Copper Metal-Organic Frameworks</i>	Bangbo Yan
Jahi	Palmer	2014 10	PHY	SCI	MS	<i>Investigation of the Addition of Basalt Fibres into Cement</i>	Edward Kintzel
Rammohan	Paripelly	2013 30	CHE M	SCI	MS	<i>Molecular Level Interaction of Human Fibroblast Growth Factor-1 with Phloridzin</i>	Rajalingam Dakshinamurthy
Lacy	Payne	2014 20	AMS	SCI	MS	<i>Implementation of a New Enterprise Resource Planning System</i>	Daniel Jackson



Jenaya	Perdue	2014 20	EDL D	EDU	EDD	<i>Passports, Global Citizenship, and the Black Student: A Qualitative Study Uncovering the Dispositions of Undergraduate African American Students Regarding Global Citizenship</i>	Aaron Hughey
Nathan	Phelps	2014 20	EDL D	EDU	EDD	<i>Trends Shaping Society: Implications for Higher Education in the 21st Century</i>	Barbara Burch
Renee	Pinkston	2014 20	FLK	AL	MA	<i>A Rejuvenating Resort Remembered: The Use of Folklore and Archaeology in the Investigation of the Historic Massey Springs Resort in South-Central Kentucky</i>	Michael Ann Williams
Rheanna	Plemons	2014 10	EDL D	EDU	EDD	<i>Staff Perceptions of Work-Environment Factors Affecting Morale in Southeastern Registrar's Offices</i>	Janet Applin
Goutham	Puli	2013 20	CHE M	SCI	MS	<i>Effects of Xanthan/Locust Bean Gum Mixtures on the Physicochemical Properties and Oxidative Stability of Whey Protein Stabilized Oil-in-Water Emulsions</i>	John Khourieyh
Sean	Reeder	2014 10	PSY	EDU	EDS	<i>Response to Intervention and Specific Learning Disability Identification Practices in Kentucky</i>	Elizabeth Jones
Catrice	Reese	2014 10	EDL D	EDU	EDD	<i>Mentoring: The College Freshman Female Perspective</i>	Aaron Hughey
Mark	Reeves	2014 10	HIST	AL	MA	<i>The Broad, Toiling Masses in All the Continents: Anticolonial Activists and the Atlantic Charter</i>	Beth Plummer
Afsaneh	Rezaeisahr aei	2014 20	FLK	AL	MA	<i>Iranian Political Humor in Social Media</i>	Ann Ferrell
Merrie	Richardson	2014 20	BIO	SCI	MS	<i>Efficacy of an Electronic Scarecrow on 4 Mammalian Crop-Raiders in Limpopo Province, South Africa</i>	Michael Stokes
Chris	Roberts	2014 10	AMS	SCI	MS	<i>Information Technology Project Management of the New College of Education Facility at Western Kentucky University</i>	Mark Doggett



William	Rodgers	2014 10	GEO	SCI	MS	<i>Land Cover Changes and Its Impacts on a Flash Flood-Producing Rain Event in Eastern Kentucky</i>	Resaul Mahmood
Barbara Waltrip	Rollins	2013 20	EDL D	EDU	EdS	<i>Meeting the Needs of Gifted Students by Providing Year-Long Professional Development on Differentiated Instruction</i>	Julia Roberts
Rachel	Rosales	2013 30	EDL D	EDU	EDD	<i>The Effects of Standards-Based Grading on Student Performance in Algebra 2</i>	Marge Maxwell
Kristen	Ruga	2014 10	PSY	EDU	MA	<i>Construct Validity Analysis of the Organizational Cohesion</i>	Reagan Brown
Brittany	Ryan	2013 20	SRS C	UC		<i>Overcoming Barriers to Local Food Access: A Case Study</i>	Molly Kerby
Daniel	Sandor	2013 20	AGRI	SCI	MS	<i>Cultivar, Mowing Height, and herbicide Effects on Bermudagrass, <i>Cynodon dactylon</i> [L.] Pers., Suppression in Tall Fescue, <i>Schedonorus arundinaceus</i> [Schreb.] Dumort., nom.cons.</i>	Paul Woosley
Nadia De Leon	Sautu	2013 30	EDL D	EDU	EDD	<i>The Effects on Students' Intercultural Competence from Intensive Intercultural Service-Learning Through the \$100 Solution Model</i>	Cecile Garmon
Logan	Scisco	2014 10	HIST	AL	MA	<i>Vanguard of the Right: The Department of Education Battle, 1978-1979</i>	Patricia Minter
Amanda	Seaton	2013 20	BIO	SCI	MS	<i>Defining the Requirements for Early Gene Expression in Bacteriophage HK639</i>	Rodney King
Tessa	Seidler	2014 10	PSY	EDU	MA	<i>A Beautiful Mind: Examining the Effects of Emotional Intelligence and Physical Attractiveness on Employee Evaluations</i>	Amber Schroeder
Monic	Shah	2014 20	CHE M	SCI	MS	<i>Antimicrobial Nanoparticles: A Green and Novel Approach for Enhancing Bactericidal Efficacy of Commercial Antibiotics</i>	Rajalingam Dakshinamurthy
Sana	Shah	2013 30	CHE M	SCI	MS	<i>Synthesis and Characterization of Manganese Pyridazyl Complexes</i>	Chad Snyder



Annarapu	Shashidhar	2014 10	CHE M	SCI	MS	<i>Thermal Analysis of Binding of Organic Pollutants to Titanium Dioxide</i>	Matthew Nee
Ayano	Sonoda	2013 30	SOC	AL	MA	<i>Japanese Expatriate Women in the United States</i>	Stephen Groce
Whitley	Stone	2014 10	KIN	HHS	MS	<i>Twenty-four Hour Post-exercise Hypotension Following Concurrent Cardiovascular and Resistance Exercise</i>	Mark Schafer
Cassandra	Sturycz	2014 20	PSY	EDU	MA	<i>Subjective vs. Objective Physical Pain in Individuals Who Report a History of Nonsuicidal Self-Injury: A Closer Look at What It Means to Experience Pain</i>	Amy Brausch
Anitha	Swarna	2014 10	CHE M	SCI	MS	<i>Removal of Arsenic Using Iron Coated Limestone</i>	Cathleen Webb
Brad	Tassell	2013 30	CEB S	EDU	MA	<i>I'm Gonna Write That Down: Research on Bullying and Recognition of Perception Toward Initiation of Intervention A Whole-School Approach to bringing All Stakeholders' Perceptions on Bullying in Line and Training Students to Distinguish Tattling from Reporting in Grades 3-6</i>	Marty Boman
Mahesh	Thugu	2013 20	CHE M	SCI	MS	<i>Development of Colloid Displacement Lithography Platforms for Sensor Applications</i>	Stuart Burris
Elizabeth	Tyrie	2014 10	GEO	SCI	MS	<i>Combining Quantitative Eye-Tracking and GIS Techniques with Qualitative Research Methods to Evaluate the Effectiveness of 2D and Static, 3D Karst Visualizations: Seeing Through the Complexities of Karst Environments</i>	Leslie North
Sara	Volpi	2014 10	ENG	AL	MA	<i>Hamartia</i>	Dale Rigby
Lauren	Weathers	2013 20	PSY	EDU	MA	<i>Like or Dislike: The Emotional Toll of Being on Facebook</i>	Pitt Derryberry
Erin	Webb	2013 30	AMS	SCI	MS	<i>Developing, Refining, and Validating a Survey to Measure Stereotypes and Biases that Women Face in Industry</i>	Bryan Reaka



Joseph	Westlin	2014 10	PSY	EDU	MA	<i>Physical Ability Testing: A Review of Court Cases 1992-2014</i>	Elizabeth Shoenfelt
Kurt	Woods	2013 30	PHY S	SCI	MS	<i>Solar Energy Conversion and Control Using Organic Photovoltaic Cells</i>	Farhad Ashrafzadeh
Christopher	Wright	2014 10	PHY	SCI	MS	<i>Using Statistical Methods to Determine Geolocation via Twitter</i>	Phillip Womble
Lan	Xu	2014 10	CHE M	SCI	MS	<i>Synthesis of Perylenediimide-Functionalized Silsesquioxane Nanostructures</i>	Hermalie Rathnayake
Andrew	Yeater	2014 20	ENG	AL	MA	<i>Isaac Watts and the Culture of Dissent</i>	Chris Ervin
Battogtokh	Zagdsuren	2014 10	KIN	HHS	MS	<i>Effects of Jump Training on Bone Mineral Density in Young Adult Females</i>	Scott Lyons

