Graduating Student Survey Pilot 2015

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Introduction

There has been increasing emphasis on the need to gather data about student outcomes and plans after they receive their degrees from UMass Boston. This pilot graduating student survey is the result of a partnership between the Office of Institutional Research and Policy Studies and the Office of Career Services and Internships. The survey gathers data about topics important to the university, such as students' first destinations after graduating, plans for future employment and/or graduate study, and the use of career services resources. Data were also collected to allow UMass Boston to provide a more complete picture to prospective students who use the Voluntary System of Accountability's College Portrait. While the response rate was low, this pilot served to provide preliminary data and to solidify survey items and participant recruitment strategies.

Participant Recruitment

Thanks to a generous offer from the director of special events to help promote survey efforts on campus, this survey opportunity was presented to students who were scheduled to participate in May 2015's commencement ceremony as part of the graduation celebrations and process. The link was shared via emailed invitations to participate in the graduation fair in May as well as a logistics email about commencement. These emails were sent to the "declared" graduate list provided by the Registrar's Office, which included any student who either completed in December 2014 or filed their intent to graduate in May or August 2015 (they either reached or anticipated reaching the 120 credits). Staff from the Office of Career Services and Internships also staffed a table at the graduation fair that included laptops that enabled students to take the survey while participating in the fair. While this process led to several students taking the survey multiple times, it was impossible to limit the number of survey attempts for an individual given the survey collection tool used.

Sample

Data from survey responses were cleaned and attempts were made to amend incorrectly entered student ID numbers. Duplicates were removed. In the case of duplicated responses from the same student, the most complete survey data were kept. In the event that the completeness of survey responses was the same, the most recent submissions was kept. Survey response data were then matched to the degree snapshot file of 2014-15 degree recipients to ensure the respondent did graduate this academic year. As much of the emphasis is on knowing the next destination of UMass Boston's undergraduates, in the event a student received both an undergraduate and graduate degree (e.g., 5 year program students), they

were categorized as bachelor's degree recipients for the purpose of this analysis. After data cleaning, 287 students were matched to the degree file. Respondents were removed from the sample if they could not be matched to the degree file, whether it was due to incomplete ID information or the respondent did not receive a degree from UMass Boston in the 2014-15 academic year. The 287 respondents represent a response rate of 7 percent of individuals receiving degrees.

A majority of the graduate degree recipient respondents were female (75%), native U.S. citizens (73%), and white (43%). A majority of the bachelor's degree recipient respondents were female (73%), native U.S. citizens (71%), and white (61%). This represents an overrepresentation of female survey respondents compared to the percentage of female degree recipients. Because of the inconsistencies between survey respondent demographic information and that of the overall degree recipients, survey results must be interpreted cautiously. The data presented in this report, given the low response rate and the inconsistent characteristics of the respondents, is not generalizable to the 2014-15 degree recipients as a whole. It can be used for informational and planning purposes, but cannot make claims to represent the class of 2015.

Overall, 55 percent of the respondents were first generation college students¹, with bachelor's degree recipients having a larger proportion of first generation students (62%) than graduate degree/certificate recipients (37%). Forty-two percent of the respondents speak a language other than English at home or with family. The proportion of bachelor's degree recipients who speak another language at home was 44 percent and for graduate degree/certificate recipients it was 35 percent. Please see Appendix A for a list of self-reported languages spoken at home or with family.

Findings

For more details, the complete frequency tables can be found in the appendix. Data tables in the appendix are presented for bachelor's degree recipients and graduate degree/certificate recipients, as well as all respondents together.

Plans Following Graduation

Many bachelor's degree recipients plan to work full-time (84%), travel (75%), do volunteer work (63%), and work part-time (51%). Likewise, most (95%) of graduate degree recipients plan to work full-time. Graduate degree recipients also plan to attend graduate/professional school part-time (85%), travel (63%), and do volunteer work (52%). Students were allowed to select multiple items for this question.

Almost all (99%) of the student respondents plan to work either full- or part-time after graduation, whether they were bachelor's degree or graduate degree recipients. Many students who indicated that they had any plans to work full- or part-time after graduation often planned to attend graduate school full-time (N=72), attend graduate school part-time (N=70), travel (N=168), and volunteer (N=135) also. For both groups of students, very few planned to serve in

¹ First generation defined as students whose parents/people who raised them do not have a bachelor's degree.

the armed forces (N=5) or participate in an organization like the Peace Corps, AmeriCorps/VISTA, or Teach for America (N=16).

Employment Plans

As indicated above, a majority of the respondents plan to work full-time after they receive their degrees. About 42 percent of the bachelor's degree recipients and 40 percent of graduate degree recipients were looking, but did not have job offers at the time of survey completion. This is encouraging, as it demonstrates that students are beginning their job search prior to commencement. Some bachelor's degree recipients (16%) and graduate degree recipients (35%) are already employed and planning to stay at their positions. Still others have accepted offers of employment (15% of bachelor's degree recipients and 13% of graduate degree recipients). Some bachelor's degree recipients (13%) and graduate degree recipients (7%) were not actively looking for a position at the time they responded to the survey.

Of students who already have full-time jobs at graduation, most are located in Massachusetts. The percentage of bachelor's degree recipients whose full-time jobs are in Massachusetts (87%) is greater than the percentage of graduate degree recipients with Massachusetts jobs (63%). Nine percent of bachelor's degree recipients and 21 percent of graduate degree recipients have jobs outside of New England.

Students reported a wide range of jobs and organizations that they would be working for after graduation. A complete list can be found in Appendix C. Students will be employed in a variety of occupational sectors. The top sectors for bachelor's degree recipients are health professions (30) and Finance (9) and for graduate degree recipients the top sectors are health professions (10) and higher education (7). Students who have accepted a job were asked what their annual salary will be. Most bachelor's degree recipients' annual salaries fall within the \$20,000-\$39,999 (20.2%) and \$40,000-\$59,999 (26.6%) ranges. Almost a third (31%) preferred not to answer this question. A majority of graduate degree recipients' annual salaries fall within the \$40,000-\$59,999 (29.3%) and \$60,000-\$79,999 (19.35%) ranges. Almost a quarter (24%) preferred not to answer.

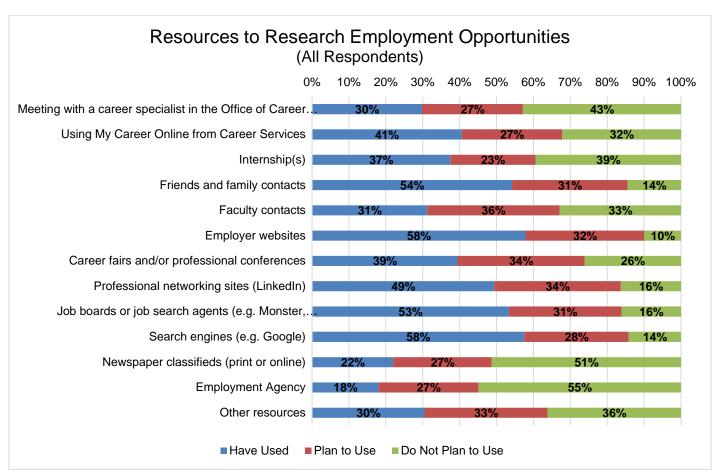
Graduate School Plans

A majority of bachelor's degree recipients plan to attend graduate/professional school full-time (40%) or part-time (38%). Many graduate degree recipients plan to attend graduate/professional school full-time (24%) or part-time (15%). This indicates that many of our students are interested in continuing their education. Eleven percent of bachelor's degree recipients were accepted to graduate or professional school and will be attending in the fall, while 19 percent will be applying this coming fall and 56 percent responded that, though they are not applying this fall, they might apply at a future date. More than half of the respondents (58%) plan to pursue a Master's degree while 16 percent responded doctoral or professional degree (Ph.D., J.D., M.D., etc.). Students indicated an array of graduate schools they will attend, but many specified UMass Boston for their graduate university.

For students who received a graduate degree, 14 percent were accepted to graduate or professional school and will be attending in the fall. This indicates that graduate certificate or degree recipients are continuing their graduate careers beyond the credential received for the 2014-15 academic year. Seven percent will be applying in the coming fall and 22 percent might apply at a future date. Thirty percent of the graduate degree recipient respondents indicated that they planned to pursue a doctoral or professional degree. Most of the students indicated UMass Boston as the university where they will pursue additional graduate education. A complete list of programs and universities is in Appendix D.

Use of Employment Opportunity Research Resources

Students were asked about whether they have used or plan to use various resources to research employment opportunities. Overall, students use or plan to use many online resources such as employer websites, job boards or job search agents, search engines, and professional networking sites. They are also planning to use family or friend contacts as well as UMass Boston resources like career specialists in the Office of Career Services and My Career Online. Not as many students plan to use newspaper classified (print or online) or employment agencies.



When broken out by bachelor's and graduate degree recipients, the resources students use or plan to use most are the online resources. A greater percentage of bachelor's degree recipients

have used or plan to use internships, meeting with UMass Boston career specialists, and newspaper classified ads compared to graduate degree recipients. The proportion of graduate degree recipients that have used or plan to use faculty contacts and other resources is greater than the proportion of bachelor's degree recipients. This implies that, while many students are accessing online resources, bachelor's degree recipients have used or plan to use internships and UMass Boston resources like career specialists while graduate degree recipients rely on faculty contacts a bit more. This may indicate that graduate students might not be taking advantage of the help of career specialists at UMass Boston.

Appendix A

<u>Self-Reported</u>* Languages Spoken at Home or With Family by Graduating Students

Arabic German Native Armenian Greek Ndebele Bengali Gujarati Nepalese Haitian Creole Burmese Portuguese Hindi Russian Cantonese Cape Verdean Hungarian Spanish Creole Igbo Tagalog Chinese Indonesia Telugu Creole Italian Tibetan Fante Twi Japanese Farsi Korean Urdu French

French Creole Kurdish Vietnamese Yoruba

Ga Marathi

^{*}Students were asked to respond yes or no to the question "Do you speak a language other than English at home or with family?" The follow up was "If so, which language(s)?" and students specified the language(s) in a text box.

Appendix B

Frequency Tables: Graduating Student Survey 2015

Do you plan to do the following activities after graduation?

_	E	Bache	lor's	Degre	e Recip	oients		Gradu	ıate	Degre	e Reci	pients	All Respondents					
	Υ	es	N	lo	Total	Skipped	Y	'es		No	Total	Skipped	Yes		No)	Total	Skipped
	Ν	%	Ν	%			Ν	%	Ν	%			Ν	%	N	%		
Work full-time	163	84%	31	16%	194	13	69	95%	4	5%	73	7	232	87%	35	13%	267	20
Work part-time	88	51%	84	49%	172	35	13	24%	41	76%	54	26	101	45%	125	55%	226	61
Attend graduate/professional school full-time	71	40%	105	60%	176	31	13	24%	41	76%	54	26	84	37%	146	63%	230	57
Attend graduate/professional school part-time	64	38%	105	62%	169	38	8	15%	46	85%	54	26	72	32%	151	68%	223	64
Complete additional undergraduate coursework/Post-baccalaureate program	41	25%	126	75%	167	40	3	6%	49	94%	52	28	44	20%	175	80%	219	68
Participate in an organization like the Peace Corps, AmeriCorps/VISTA, or Teach for America	15	9%	153	91%	168	39	3	6%	50	94%	53	27	18	8%	203	92%	221	66
Serve in the Armed Forces	4	2%	162	98%	166	41	1	2%	50	98%	51	29	5	2%	212	98%	217	70
Travel	135	75%	44	25%	179	28	37	63%	22	37%	59	21	172	72%	66	28%	238	49
Volunteer work	109	63%	63	37%	172	35	29	52%	27	48%	56	24	138	61%	90	39%	228	59
Stay at home to be with or start a family	38	23%	128	77%	166	41	8	14%	48	86%	56	24	46	21%	176	79%	222	65
No current plans	19	12%	139	88%	158	49	5	9%	48	91%	53	27	24	11%	187	89%	211	76

If you are planning on being employed after graduation, which best describes the current state of your employment plans?

		r's Degree pients		e Degree pients	All Respondents		
	N	%	N	%	N	%	
Not actively looking for a position	25	13%	5	7%	30	11%	
Looking, but no offers yet	83	42%	29	40%	112	41%	
Received an offer for a position, but declined.	5	3%			5	2%	
Currently considering an offer	14	7%	3	4%	17	6%	
Accepted an offer of employment	29	15%	9	13%	38	14%	
Already employed and plan to stay at the position	32	16%	25	35%	57	21%	
Not planning on employment at this time	12	6%	1	1%	13	5%	

What is the location of your full-time job?

		r's Degree pients		e Degree pients	All Resp	oondents
	N	%	N	%	N	%
Massachusetts	87	87%	30	63%	117.00	79%
CT, RI, VT, ME, or NH	3	3%	4	8%	7.00	5%
Other U.S. Location	9	9%	10	21%	19.00	13%
Outside U.S.	1	1%	4	8%	5.00	3%
Total	100	100%	48	100%	148	100%

If you have accepted a full-time job, what is the annual salary?

		r's Degree pients		ate Degree sipients	All Respondents		
	N	%	N	%	Ν	%	
Less than \$20,000	6	6%	2	5%	8	6%	
\$20,000-\$39,999	19	20%	3	7%	22	16%	
\$40,000-\$59,999	25	27%	12	29%	37	27%	
\$60,000-\$79,999	11	12%	8	20%	19	14%	
\$80,000 or more	3	3%	6	15%	9	7%	
Prefer not to answer	30	32%	10	24%	40	30%	

If you are planning to attend graduate or professional school, which of the following best estimates the current state of your educational plans?

	Deg	elor's gree pients		e Degree pients	All Respondents			
	N	%	N	%	Ν	%		
Accepted and will be attending in the fall	20	11%	8	14%	28	12%		
Accepted and deferred admission until a later date	2	1%			2	1%		
Place on a waiting list, no acceptances					0	0%		
Still awaiting responses, no acceptances	5	3%			5	2%		
Will be applying this coming fall	35	19%	4	7%	39	16%		
Not applying this fall, but might apply at a future date	103	56%	13	22%	116	48%		
No plans to apply to school now or in the future	19	10%	33	57%	52	22%		

If you are planning to attend graduate or professional school after graduation, what type of degree will you pursue?

		's Degree pients		e Degree pients	All Respondents			
	N	%	N	%	N	%		
Graduate Certificate	13	6%	5	6%	18	6%		
Master's Degree (M.A., M.S., etc.)	119	58%	6	8%	125	44%		
Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	34	16%	24	30%	58	20%		
Other	4	2%	3	4%	7	2%		

Have you used/will you use the following resources to research employment opportunities?

		Bachelor's Degree Recipients									Gradı	uate De	egree	Recip	ients		All Respondents							
	Hav	e Used	Plan to Used Use				Total	Skip- ped	•		Plan to Use		Do Not Plan to Use		Total	Skip- ped	Have	Used		an to Ise	Pla	Not n to se	Total	Skip -ped
	Ν	%	Ν	%	Ν	%			Ν	%	Ν	%	Ν	%			Ν	%	Ν	%	Ν	%		
Meeting with a career specialist in the Office of Career Services	63	34%	51	28%	69	38%	183	24	10	16%	16	26%	36	58%	62	18	73	30%	67	27%	105	43%	245	42
Using My Career Online	03	34%	31	20%	09	30%	103	24	10	10%	10	20%	30	36%	02	10	73	30%	07	2170	105	43%	243	42
from Career Services	78	43%	50	27%	55	30%	183	24	14	23%	19	31%	18	30%	61	19	92	41%	62	27%	73	32%	227	42
Internship(s)	82	45%	36	20%	63	35%	181	26	12	19%	12	19%	36	58%	62	18	94	37%	58	23%	99	39%	251	43
Friends and family contacts	10 8	60%	51	28%	22	12%	181	26	27	43%	22	35%	14	22%	63	17	135	54%	78	31%	36	14%	249	44
Faculty contacts	56	32%	61	35%	59	34%	176	31	17	27%	27	44%	18	29%	62	18	73	31%	84	36%	77	33%	234	48
Employer websites	10 6	58%	60	33%	18	10%	184	23	34	54%	23	37%	6	10%	63	17	140	58%	78	32%	24	10%	242	44
Career fairs and/or professional conferences	73	40%	64	35%	44	24%	181	26	22	37%	18	31%	19	32%	59	21	95	39%	83	34%	63	26%	241	45
Professional networking sites (LinkedIn)	94	51%	64	35%	25	14%	183	24	27	44%	19	31%	15	25%	61	19	121	49%	84	34%	40	16%	245	41
Job boards or job search agents (e.g. Monster, CareerBuilder)	98	54%	57	31%	27	15%	182	25	31	49%	20	32%	12	19%	63	17	129	53%	74	31%	39	16%	242	43
Search engines (e.g. Google)	10 6	58%	55	30%	21	12%	182	15	32	52%	17	27%	13	21%	62	18	138	58%	68	28%	34	14%	240	36
Newspaper classifieds (print or online)	41	23%	52	30%	83	47%	176	31	10	17%	13	22%	36	61%	59	21	51	22%	62	27%	119	51%	232	52
Employment Agency	38	21%	43	24%	98	55%	179	28	6	10%	16	28%	36	62%	58	22	44	18%	66	27%	134	55%	244	56
Other resources	51	31%	54	33%	60	36%	165	42	13	25%	23	44%	16	31%	52	28	64	30%	70	33%	76	36%	210	70

Appendix C

Self-Reported Job Titles and Companies/Organizations: Bachelor's Degree Recipients

Job Title	Firm or Organization
Administrative Assistant	Boston Police Department
Administrator in Training program for Licensed Nursing Home Administrator	Welch Health Care and Retirement Group
Agent	New York Life Insurance
Assistant Store Manager	Kohl's Department Stores
Career Coach	Career Collaborative
Client executive	MetLife
Compliance Associate 2	State Street Corp
Director of Development	Playhouse on Park
Distribution Center Group Leader	Target Corp.
Diversity Sourcing Coordinator	State Street Corporation
Education Director	Boys & Girls Clubs of Dorchester
Financial Assistant II	Massachusetts Institute of Technology (MIT)
Grants Manager	Brigham and Women's Hospital
Gymnastics Coach	Wilkeys Gymnastics
Health and Human Services Elder Advocate	City of Chelsea
Human Resource Admin Assistant	Agero
ICU Nurse	Ochsner Medical Center
Intern	CVP Career Academy
Investment Tax Specialist	Brown Brothers Harriman & Co
IT Business Analyst	John Hancock Financial Services
IT Customer Service Representative	Boston Public Schools
Job Coach	Seem Collaborative
lead teacher	Kennedy Center at BHCC
Management Consulting Analyst	Accenture
Management Trainee	Hajoca Corporation
Nurse Assistant	Brigham and Women's Hospital
operations coordinator	linkage
Paraprofessional	Boston public schools
Personal Trainer	YMCA
physical therapy aide	
Post-bacc	NIH
preschooler teacher	
Process Analyst	State Street
Production Assistant	Rheinwerk Publishing
Program Director	YMCA of Greater Boston
Project coordinator	Harvard medical school

Job Title	Firm or Organization
Recruiting Specialist Assistant	
Registered Nurse	
Registered nurse	Cambridge hospital
Registered Nurse	
registered nurse	national health care corporation
registered nurse	Boston Medical Center
Registered nurse	Harvard Vanguard Medical Associates
Research Assistant	Brigham and Womens Hospital
Research Assistant	Gaston Institute, UMass Boston
Research technician	Dana-Farber/Harvard Cancer Institute
Researcher	n/a
sales associate	
Software Engineer	IBM
Spanish Teacher	Boston Area Spanish Exchange
Substitute Teacher	Horizons for homeless children
Teacher	Public School System
Technology Product Assiatance (investment)	loomis Sayles
Tecnical Tech Assistant	School District
Transfer Pricing Staff	EY

Appendix C (Cont.)

Self-Reported Job Titles and Companies/Organizations: Graduate Degree Recipients

Job Title	Firm or Organization
Academic Lecturer	King Saud bin Abdulaziz University
Assistant Director of Admissions	UMass Lowell
Assistant Professor	Massachusetts Maritime Academy
Auditor	BDO
Business Analyst	MnC
Curriculum Lead/Instructional Designer	Kronos Inc.
FAMILY NP	
Field Archaeologist	Montpelier Foundation
Fixed Asset & Inventory Specialist	Merck Kgaa
Foreign Language Instructor	
High School Biology Teacher	East Boston High School
Instructional Designer	City Year
Lead NP; Director of Clinical Services	
marketing assistant	real estate
Marketing Coordinator	Global Graduates' Union
Mental health clinician	
Nurse practitioner	Medical group
Owner	Start-up
Paraeducator	Hingham Public Schools
Postdoc	ACRIA, NYC
Program Manager	PTC
School psychologist	school
School Psychology Intern	Burlington Public Schools
Software Quality Engineer	The MathWorks Inc

Appendix D

Self-Reported Program Names and Companies/Organizations: Bachelor's Degree Recipients

Program Name	College/University
Accelerated Bachelor of Science in Nursing	Northeastern University
accelerated nursing	simmons college
Accelerated nursing program	MGH institute
Accounting	Umass Boston
Acupuncture	New England school of acupuncture
Bioinformatics	Johns Hopkins
Boston Teachers Residency Program	Umass Boston
Business Management	University of Massachusetts-Boston
Business management	Umass Boston
clinical social work: children youth and families	Boston College
Cna	Usnh
Direct Entry Masters of Nursing	MGH Institute of Health Professions
Direct entry nursing	Simmons College/ Northeastern University
Doctor of Podiatric Medicine	Kent State University College of Podiatric Medicine
Doctorate in Physical Therapy	
Education	Bridgewater State
Exercise and Health Sciences	University of Massachusetts Boston
Family Nurse Practitioner	University of Massachusetts Boston
Food science	Drexel University
general management	Harvard Extension
Geo-spatial Information Systems for the the Development and Environment	Clark University
Higher Education and student affairs	The University of Connecticut
human service	Umass Boston
Human Services	CPCS
Information Technology	UAT
Law	A Law School within the Greater Boston, MA area
Law School	
MA Applied Economics	UMass Boston
Master in Finance	Umass Boston, Northeastern
master in French education	university Massachusetts dartmouth
Master in Taxation	Suffolk University
Master of Public Administration	University of Georgia
Master Science of Information Technology	University of Massachusetts Boston
Masters in Nursing	
Master's international management	Northeastern University
Masters of Nursing Program	UMASS, Boston
Masters of Public Policy	Northeastern University
MBA	Top 10 schools

Program Name	College/University
MBA	Umass Boston
MBA	UMB, Northeastern, BU, UC Berkeley
MBA	UMASS Boston or Harvard Extension School
Mba in marketing	Unc
MD-Ph.D Program	Harvard University
Mental Heath in forensic science	Umass Boston
MFA Creative Writing (Fiction)	Columbia University
MPH	UMass Lowell
MS in Human Service	Umass/Boston
MSN	n/a
Music business	New York University
Nurse anesthetist	Boston college
Nurse Practitioner	Umass Worcester Graduate School of Nursing
pa	
Paralegal Certificate	Roger Williams University
PHYSICIAN ASSISTANT	N/A
Professional masters degree	UMass lowell
Property Management Program	UMASS
School of social work	boston university
Social work/child psychology/mental health counseling	
Special Education	Boston University
Underwater Archaeologoy	
unknown	unknown
unsure at the moment	University of Massachusetts Boston

Appendix D (Cont.)

Self-Reported Program Names and Companies/Organizations: Graduate Degree Recipients

Program Name	College/University
anthropology	City University of New York Graduate Center
Batchelor degree in agriculture	Any good Agricultural college in India
Conflict Resolution	U mass Boston
Counseling Psychology- Doctorate	University of Massachusetts Boston
CS	UMASS BOSTON
DNP	Umass Boston, perhaps
Doctor of Nurse Practitioner	UMass Boston
DON'T KNOW YET	N/A
Early Childhood Education	Harvard, UMass Boston, Tufts, BU
EdS in School Psychology	UMass Boston
EdS in School Psychology	University of Massachusetts Boston
Graduating for a master now- why did I get this survey	
Language and Literacy	Umass Amherst
Masters in Business Administration	University of Massachusetts at Boston
MBA	
MSIM	UMASS BOSTON
MSIT	Umass Boston