Approved: January 16, 2018 2017-2018: Meeting # 4

## MICHIGAN STATE UNIVERSITY FACULTY SENATE APPROVED AGENDA JANUARY 16, 2018 3:15 PM 115 INTERNATIONAL CENTER

- 1. CALL TO ORDER
- 2. Approval of Agenda for January 16, 2018
- 3. Approval of Draft Minutes for November 14, 2017 (Appendix A)
- 4. President's Remarks: Dr. Lou Anna K. Simon
- 5. Provost's Remarks: Dr. June Youatt
- 6. Chairperson's Remarks: Dr. Laura McCabe
- 7. NEW BUSINESS
  - 7.1. **Faculty Grievance Office (FGO) Name Change**, Professor William Donohue, Faculty Grievance Officer (Action Item) (Appendix B)
  - 7.2. University Committee on Curriculum (UCC) Report, Professor Marci Mechtel, UCC Chairperson (Action Item) (Appendix C Short Report) (Long Report, click on link)
  - 7.3. Letter of Support for Purdue Academic Governance, Dr. Laura McCabe (Action Item) (Appendix D)
  - 7.4. **Faculty Composition and Diversity Data**, Terry Curry, Associate Provost and Associate Vice President, Academic Human Resources (Information Item) (Appendix E and <u>click on link</u>)
  - 7.5. **Mid-Semester Feedback Discussion**, Reports by UCUE, UCGS and UCFA (Action Item) (Appendixes F, G, H, I and J)
- 8. Comments from the Floor
- 9. ADJOURNMENT

**Approved:** 

2017-2018: Meeting # 3

## MICHIGAN STATE UNIVERSITY FACULTY SENATE DRAFT MINUTES NOVEMBER 14, 2017 3:15 PM 115 INTERNATIONAL CENTER

**PRESENT:** E. Appiagyei-Dankah, Y. Bolumole, A. Borcila, N. Bunge, S. Carter, R. Cichy, L. Cloud, J. Dulebohn, B. Dutton, M. Floer, K. Foley, J. Goddeeris, J. Goldbort, D. Gould, M. Morgan (for C. Hogan), G. Hoppenstand, I. Kovar-Gough, G. Lourens, L. McCabe, M. Mechtel, J. Meier, M. Miklavcic, M. Crimp (for D. Moriarty), J. Morningstar, A. Olomu, A. Pegler-Gordon, C. Piermarocchi, R. Quispe-Agnoli, D. Rivera, L. Robbins, S. Safferman, R. Schwab, J. Schwartz, J. Seita, L. Skibbe, J. Smith, R. Spiro, G. Stone, G. Swain, R. Tegtmeyer, L. Tortorelli, E. Watts, D. Wilson, Z. Hayden (for B. Zandstra), P. Mantica (for R. Zegers)

**ABSENT:** President Simon, Provost Youatt, R. Abramovitch, G. Breitzer, S. Counts, M. Dease, H. Gatlin, K. Hampton, L. Harris, M. Johnson, R. LaDuca, I. Lee, Y. Liu, V. Mandrekar, L. Mansfield, A. McCright, G. Miksicek, K. Miller, K. Noe, R. Ofoli, S. Pager, N. Parameswaran, R. Pratt, A. Ross, A. Sanders-Jackson, P. Soranno, W. Spielman, J. Tang, T. Tomlinson, J. Vargas

#### 1. CALL TO ORDER

The meeting was called to order at 3:18pm.

- 2. Approval of Agenda for November 14, 2017 The agenda for November 14, 2017 was approved as presented.
- 3. Approval of Draft Minutes for October 10, 2017 The minutes for October 10, 2017 were approved as distributed.
- 4. President's Remarks: Dr. Lou Anna K. Simon (Not-in-Attendance)
- 5. Provost's Remarks: Dr. June Youatt (Out-of-Town)
- 6. Chairperson's Remarks: Dr. Laura McCabe

Dr. McCabe reported on the proposed acquisition by Purdue of Kaplan, which came to her attention at the Big 10 Academic Alliance meeting. She noted that Kaplan University is an online for-profit agency that is being purchased by Purdue. The issue at hand, she stated, is that the university administration did not consult the Purdue faculty in the process of this acquisition. She added the Purdue faculty feel this act is in violation of the principles of shared Governance, as faculty were charged with the integrity of the curriculum, as well as sharing in the Governance of the University.

Dr. McCabe stated that Purdue's Faculty Senate is urging the Higher Learning Commission to not approve what will be the "new" university, which would be a combination of Purdue with Kaplan. This is not an issue about opposing online classes, she added. It is not an issue

about the private and public universities combining, but it is an issue about the lack of faculty input with this instructional decision.

Dr. McCabe said that Purdue has requested that Michigan State University sign on to a letter that would be in support of the faculty at Purdue. MSU has created a Faculty Subcommittee to examine this situation, and then potentially drafting a letter of support. Once the letter is drafted, this issue would be presented at the Steering Committee in January, 2018, and then be presented at Faculty Senate for a potential vote of approval. Dr. McCabe noted that the American Association of University Professors is supporting this cause, and there are other universities that are signing on to the Purdue letter.

Dr. McCabe reported that MSU is also moving forward with developing a process to replace Sue Carter, who is the Faculty Representative for the MSU Athletic Council. Dr. Greg Swain, who is an At-Large Member of the Steering Committee, will sit on the committee that reviews the applicants for Sue Carter's position.

#### 7. NEW BUSINESS

7.1. **University Committee on Curriculum (UCC) Report**, Professor Marci Mechtel, UCC Chairperson

Professor Mechtel presented the UCC Report. At the last regular meeting of the full UCC, the committee had no new programs to approve. She added that there are nine program changes, and no program deletions. She also stated that there were 17 new courses approved, 35 course changes, and no course deletions. There were no new moratoriums placed. A motion to approve the Report was made and first and seconded. **The motion carried.** 

7.2. **Big Ten Alliance Academic Governance Meeting Report**, Dr. Laura McCabe Dr. McCabe gave a report on the Big Ten Alliance Academic Governance meeting from October, 1917. She began her report by providing a brief historical background of the organization. She said that in 1956, the presidents of the Big Ten universities assembled to have a discussion in Chicago about potentially forming a group. The idea behind this action was that if the Big Ten universities could work together, then they would be stronger than if they just were "siloed" in their individual universities. These individuals took steps towards developing the CIC (the Committee on Institutional Cooperation), which has been in place since 1957. In 2016, she noted, the CIC was renamed the Big Ten Academic Alliance.

At the BTAA meeting, which was held at Penn State this year, Dr. McCabe said that the organization discussed the structures of the different academic governances from the different institutions, and it was noted that none are the same. There are various differences, and none are quite like MSU's Academic Governance structure. She added that, in many cases, MSU's Academic Governance system was much better than what was found in the other Big Ten universities. In all cases, however, governance is shared with the various university administrations, which leads to the Purdue concern.

Dr. McCabe reported that another important issues addressed at the BTAA Governance Meeting was the topic freedom of speech at the different universities. All are looking at how to balance freedom of speech. Some universities, she added, have a free speech task force where the faculty are involved in deciding how to pursue free speech. She said that MSU is going to have a session on free speech in January, either in the Faculty Senate or in the University Council.

Another issue that was addressed at the BTAA Governance Meeting was how the various Board of Trustees at Big Ten universities function. Dr. McCabe noted that, in comparison, MSU's faculty relationship with the University's Board of Trustees is superior, because of the one-on-one meetings that are held consistently with the Steering Committee faculty and Board of Trustee members.

Dr. McCabe stated that the final issue that was discussed at the BTAA Governance Meeting was the issue regarding fixed-term faculty. Penn State University presented on this topic, and what their status was with fixed-term faculty. Penn State reported that their fixed-term faculty numbers basically doubled from 2000 to 2013. Dr. McCabe added that this is a situation that is happening at other Big Ten universities, noting that Dr. Terry Curry will discuss this in January with the MSU Faculty Senate about the faculty composition here at MSU, and what the current trends are, as well as what faculty diversity looks like at MSU. Dr. McCabe concluded that she felt that MSU's Academic Governance structure looked good in that group.

Dr. McCabe concluded her remarks by stating that the next important topic to be addressed involves mental health issues at MSU. A panel group will discuss these issues and the various concerns of faculty as they relate to mental health.

#### 7.3. Mental Health and Support at MSU Panel Discussion Panel Members:

Barbara L. Roberts, MSc OT, PhD, Executive Director, WorkLife Office Jon Novello, LMSW, ACSW, Counselor, Employee Assistance Program Leigh White, MD, Director of Psychiatric Services, Counseling & Psychiatric Services

## The Panel Discussion covered a wide range of mental health and safety topics, listed below:

- The WorkLife Office
- MSU Adopting Mental Health First Aid
- The Employee Assistance Program at MSU
- Addressing the Problem of Anxieties among Junior Faculty in the Tenure-Steam System.
- The Confidentiality of Treatment
- The Mental Health Assistance Provided to MSU Students
- The Free Counseling Services for MSU Students
- How to Make Treatment Affordable for MSU Students
- The Network of Mental Health Providers in the MSU Community

- The Encouragement of International Students to Use MSU's Mental Health Resources
- Discussion of the CAPS (Counseling and Psychiatric Services) Website
- Depression Screening for Students at the Olin Health Center
- Student Safety Issues in the MSU Classroom
- Policing of Safety Concerns in MSU Student Dormitories

Faculty discussion ensued following the Panel's presentation.

#### 8. Comments from the Floor

#### 9. ADJOURNMENT

A motion to adjourn was made and first and seconded. **The motion carried.** 4:52

## MICHIGAN STATE

January 9, 2018

#### MEMORANDUM

TO:	The Steering Committee
FROM:	William Donohue, Faculty Grievance Official
SUBJECT:	Faculty Grievance Office Name Change

The Faculty Grievance Office would like to propose changing the name of our office to the **Faculty Grievance and Dispute Resolution Office**. The rationale for the name change includes:

- The FGO office is providing a much larger range of services to faculty and administrators including conciliation, mediation, bylaw reviews, conflict resolution coaching and career counseling in the context of conflict resolution. Thus, the name change would be a more accurate reflection of our activities.
- Faculty may be more willing to seek help from the office if the dispute resolution concept is included in the name. Rebranding to promote greater understanding of our activities will help clarify our mission to stakeholders.
- The name change could help promote partnering with other units and resources around campus by making individuals aware of our broader mission.

If the name change is approved, various logistical considerations are relevant which include:

- Changing the name on the website and in other promotional materials
- Marketing the name change to the MSU community to promote the expanded resources of the office
- Keeping the name "Faculty Grievance Official" for the director of the office.

If you have any questions, please don't hesitate to contact me. Thanks.



#### Faculty Grievance Office

Michigan State University W38 Owen Graduate Hall East Lansing, MI 48825

517-353-8884 e-mail: fgo@msu.edu

#### SHORT REPORT of the UNIVERSITY COMMITTEE ON CURRICULUM (UCC) January 16, 2018 To view the full UCC Report visit: www.reg.msu.edu/Read/UCC/fs011618.pdf PROGRAM ACTIONS

Highlights:

Advertising Management, B.S./Advertising, M.A. Linked, effective Summer 2017 Advertising Management, B.S./Health and Risk Communication, M.A. Linked, effective Summer 2017 Advertising Management, B.S./Public Relations, M.A. Linked, effective Summer 2017 Children's and Young Adult Literature, Graduate Certificate, effective Summer 2018 Collaborative Piano, D.M.A., effective Summer 2018 Elementary STEM Education, Graduate Certificate, effective Summer 2018 Environmental Science and Policy, Ph.D., Dual Major, effective Fall 2018 Healthcare Management, M.S., effective Fall 2018 Management Studies, M.S., effective Fall 2018 Medical Laboratory Science, B.S., effective Fall 2018

College	Department	Program Name	Award Type	Action
Arts and Letters	Romance and Classical Studies	Spanish, Secondary	Disciplinary Teaching Minor	С
Business		Healthcare Management	M.S.	Ν
		Management Studies	M.S.	Ν
Communication Arts and Sciences	Advertising and Public Relations	Advertising Creative/Advertising Linked	B.A./M.A.	С
		Advertising Creative/Health and Risk Communication Linked	B.A./M.A.	С
		Advertising Creative/Public Relations Linked	B.A./M.A.	С
		Advertising Management/Advertising Linked	B.S./M.A.	Ν
		Advertising Management/Health and Risk Communication Linked	B.S./M.A.	Ν
		Advertising Management/Public Relations Linked	B.S./M.A.	Ν
	Journalism	Journalism, Secondary	Disciplinary Teaching Minor	С
Education		Health Professions Education	M.A.	D

College	Department	Program Name	Award Type	Action
Education	Teacher Education	Children's and Young Adult Literature	Certificate	Ν
		Elementary STEM Education	Certificate	Ν
Music		Collaborative Piano	D.M.A.	Ν
Natural Science		Environmental Science and Policy Dual Major	Ph.D.	Ν
	Biomedical Laboratory Diagnostics Program	Biomedical Laboratory Science	B.S.	Ν
		Medical Laboratory Science	B.S.	Ν
C = Change D=Deletion N=New				
Totals	New: 11 Chan	ge: 5 Deletion: 1		

#### COURSE ACTIONS January 16, 2018

College	Department	Subject	New	Changes	Deleted
Agriculture and Natural Resources	Agricultural Technology Institute	AT	0	1	0
	Animal Science	ANS	1	0	0
	Food Science & Human Nutrition	FSC	0	1	0
	Horticulture	HRT	1	0	0
	Packaging	PKG	3	0	0
	Plant Soil and Microbial Sciences	CSS	4	1	1
		PLP	0	1	0
Arts and Letters	Linguistic,Germ,Slavic,Asian𝔄 Lg	AFR	2	0	0
Business	Business Dean	HCM	24	0	0
		MBA	0	4	0
	Finance	FI	0	1	0
Communication Arts and Sciences	Advertising and Public Relations	ADV	0	5	0
Education	Counseling, Ed Psych & Special Ed	CEP	1	1	0
	Kinesiology	KIN	1	0	0
	Teacher Education	TE	1	0	0
Human Medicine	Department of Family Medicine	FM	0	5	0
	Human Medicine Dean	HM	3	4	0
	Medicine	MED	3	14	0
	Obstetrics, Gynecol & Repro Biology	OGR	0	3	0
	Pediatrics & Human Development	PHD	12	8	0
	Surgery	SUR	11	10	0
Music	Music	MUS	2	1	0
Natural Science	Plant Biology	PLB	1	0	0
	Biomedical Laboratory Diagstcs Prog	BLD	18	18	22
	Microbiology & Molecular Genetics	MMG	4	0	0
	Neuroscience Program	NEU	0	1	0
Nursing	Nursing	NUR	0	3	0
Social Science	Anthropology	ANP	0	0	2
	Human Development & Family Studies	HDFS	1	0	0
	Human Resources and Labor Relations	HRLR	0	0	1
	Social Work	SW	0	0	1
Veterinary Medicine	Pharmacology & Toxicology	PHM	2	0	0
	Physiology	PSL	0	0	1
	Veterinary Medicine Dean	VM	0	5	0
Total			95	87	28

#### INFORMATION ITEMS January 16, 2018

#### Moratorium -

Moratorium in Athletic Training, Bachelor of Science, UCUE consultation 11/16/17; Provost approved 11/22/17 – Effective Spring 2020 through Fall 2021.

#### **Discontinuation** –

Health Professions Education, Master of Arts, UCGS consultation 9/1117; Provost approved 10/24/17 – Effective Spring 2020.

#### Other -

None.

Alberto J. Rodriguez, Chair, Purdue University Senate Mary Endres Chair in Education & Professor, Cross-Cultural Science Education E-mail: <u>alberto-rodriguez12@purdue.edu</u>

Dear Dr. Rodriguez:

As Chair of the Faculty Senate at Michigan State University, I write to express our concern over the lack of consultation of Purdue University faculty in the Purdue administration's decision to acquire Kaplan. As you describe in your resolution of May 4, 2017, throughout the process at Purdue 1) No input was sought through regular faculty governance before this decision was made; 2) No assessment of the impact on the academic quality of Purdue, now or in the future, was made; 3) No transparency was demonstrated in this process; 4) No impact study has been conducted on the potential effects on faculty, students, curriculum, and staff at Purdue; and 5) Faculty governance and academic freedom at what will become the "New University" is not assured by the Purdue agreement with Kaplan.

The Faculty Senate at Michigan State University agrees that these violate the basic principles of shared governance--principles that preserve the rightful role of faculty in any decisions regarding curriculum, degree requirements, and the qualifications of those employed to teach.

On these grounds we support the Purdue Faculty position that the Higher Learning Commission should not approve the application of the "new university" being proposed by the Purdue Board of Trustees/Kaplan University, and will forward a copy of this letter to Dr. Cheryl Johnson-Odim, Chair, HLC Board of Trustees.

Sincerely,

Laura McCabe, Ph.D. Chair, MSU Faculty Senate Professor Departments of Radiology and Physiology Michigan State University Historical Summary of Faculty and Academic Staff -- HEADCOUNT

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2007	550 629	53.4	1179	185	173 35	8 30.4	37	42 7				3 20.6	9	19 28	2.4								2	6	8 0.			821	69,6
2008	585 654		1239			6 32.0	44	40 8			121 27		15	16 31	2.5								1	6	7 0.	6 3	2 471	843	68,0
2009	590 602	50,5		212		2 32.0	37	39 7			103 26		13	21 34	2,9	_	_	_					1	7	8 0.		8 432	810	68.0
2010 2011	582 602 576 619		1184 1195	221 227		4 35.8 7 35.7	34 35	32 6 37 7				8 26.0	15	17 32	2.7	0	0	0	0,0	1		7 0.6	3	8	11 0.			760	64.2
2012	591 669		1260			0 36,5	35 42	43 8			134 30	4 25.4 B 24.4	17 18	21 38 28 46	3,2 3,7	0	0	0	0.0 0.0	2		11 0.9 11 0.9	3 1	9 9	12 1. 10 0.			758 800	63.4 63.5
2013	622 699		1321			2 35.0	51	52 10				7 21.0	24	34 58	4.4	2	1	3	8.6	2	-	11 0.8	1	9	10 0.			859	65.0
2014	646 711	52.4	1357	235	235 47	0 34.6	45	62 10				9 20.6	30	30 60	4.4	4	2	6	17.3	3		9 0.7	o.	9	9 0.			887	65.4
2015	678 735		1413	240		4 33.5	41	55 9				3 21.4	24	27 51	3.6	4	2	6	17.9	4	6	10 0.7	0	8	8 0.	6 4:	8 501	939	66.5
2016	726 781		1507	255		7 33.0	47	56 10			136 31		24	35 59	3.9	3	1	4	12.1	3		11 D,7	D	6	6 0.			1010	67,0
2017	766 815	51.5	1581	262	248 51	0 32.3	48	54 10	2 6,5	183	143 32	4 20.5	25	37 62	3.9	3	0	3	9.3	5	8	13 0.8	0	6	60.	4 51	4 567	1071	67,7
TOTAL	JNIVERSITY FA	CULTY A	ND ACADE	MIC STAFF																									
1998	2653 1521	36,4		415		3 15.6		95 20			95 34		46	36 82	2.0								10		22 0.		8 1283	3521	
1999 2000	2680 1564	36.9 38.4	4244			2 16.1		103 21			110 36		46	37 83	2.0								12		24 0.		0 1302	3562	
2000	2713 1689 2760 1777	38.4		453 608	289 74 304 81	2 16,9		107 23			126 38 132 43		59 64	43 102 40 104	2.3 2.3								12 12		25 0. 30 0.		0 1400	3660 3725	83.1 82.1
2002	2709 1775	39.6			322 82			121 24			143 44		54	40 104	2.3								12		30 0. 31 0.		9 1473	3662	82.1 81.7
2003	2676 1805	40.3				2 19.5		126 25			161 48		61	50 111	2.5								13		28 0.		6 1453	3609	80.5
2004	2661 1833		4494			3 19.9		132 25			148 48		67	56 123	2.7								13	17	30 0.		1 1480	3601	80.1
2005	2675 1924	41.8			377 93			148 27			154 49		68	59 127	2.8								16	16	32 0.	7 21	0 1547	3667	79.7
2006	2748 2037	42.6			416 100			144 28			195 54		79	62 141	2.9								16		31 0.		1 1621	3782	
2007 2008	2796 2135 2858 2194	43.3			464 108			153 29			238 61		80	60 140	2.8								18		31 0.		9 1671	3850	78.1
2008	2858 2194 2857 2128	43.4 42.7			496 116 479 116			149 30 146 29			272 68 249 68	3 13,5 0 13.6	88 88	61 149 68 156	2.9 3.1								17 15		31 0. 32 0.		5 1698 1 1649	3883 3820	76,9 76,6
2003	2818 2089	42.6			489 116			124 26				0 13,6 6 14,6	91	65 156	3.1								15		32 U. 33 U.			3620	76,6 76,2
2011	2796 2129	43.2			507 119			134 28			285 72		88	69 157	3.2								16	19	35 0.		5 1622	3727	75.7
2012	2780 2249	44.7			559 124			147 29			318 75		92	76 168	3,3	2	0	2	0,0	7	17 :	24 0.5	14	18	32 0.			3781	75.2
2013	2824 2307	45.0	5131	709	596 130	5 25.4	153	158 31	1 6.1	428	318 74	6 14.5	104	82 186	3.6	4	3	7	0.1	7	19 3	26 0.5	13	16	29 0.	6 21	5 1711	3826	74.6

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2014	2876 2358	45.1 5234	751 601 1352 25.8	147 164 311 5.9	455 319 774 14.8	120	83 203	3.9 6	3	9	0.2	10	16 26 0.5	13	6 29	0.6	2125 1757	3882 74.2	2
2015	2939 2414	45.1 5353	775 624 1399 26,1	151 166 317 5.9	477 336 813 15.2	116	90 206	3,8 8	3 3	11	0.2	11	15 26 0.5	12 .	4 26	0.5	2164 1790	3954 73.9	9
2016	3016 2540	45.7 5556	793 654 1447 26.0	156 167 323 5.8	485 347 832 15.0	124	107 231	4.2 8	3	11	0.2	7	17 24 0.4	13	3 26	0,5	2223 1886	4109 74,0	0
2017	3065 2610	46.0 5675	821 664 1485 26.2	152 157 309 5.4	513 366 879 15.5	125	111 236	4.2 8	3 2	10	0.2	9	17 26 0.5	14	1 25	0,4	2244 1946	4190 73.8	8

#### Employee Groups as a Percent of Total Faculty/Academic Staff -- HEADCOUNT

	Tenure	FT	cs	FT	Tota	Total	Total	Total	
	Sys	Fac	Staff	Staff	Faculty	Staff	CS	FT	
1998	47.6	14.9	15.9	21.5	62.6	37.4	63.5	36.5	
1999	47.0	14,6	17.2	21.2	61.6		64.1	35,9	
2000	44.9	16.8	17.5	20.8	61.7		62.4	37.6	
2001	43.6	17,3	16,9	22.3	60.6		60.5	39,5	
2002	43.7	17.3	16.2	22.8	61.0		59.9	40.1	
2003	43.4	17.6	15.2	23.7	61.0		58.6	41.4	
2004	42.2	18,9	15.2	23.7	61.1		57,4	42.6	
2005	41,6	20.2	14.9	23.3	61.8		56.5	43,5	
2006	41.0	21.5	14.3	23.2	62.5		55.3	44.7	
2007	40.1	21.7	14.3	23.9	61.8		54,4	45.6	
2008	39.8	21.6	14.1	24.5	61.4		53,9	46.1	
2009	40.8	21.0	14.3	23.9	61.8		55.1	44.9	
2010	40.6	21.3	14.3	24.1	61.9		55.0	45.4	
2011	39.9	22.0	14.4	24.3	61,9		54,3	46.2	
2012	38.7	23.2	13.6	25.1	61,9		52.2	48.3	
2012	37.7	23.1	13.5	25.7					
	37.4				60.8		51.2	48.8	
2014		23.2	13.6	25.9	60.5		50.9	49.1	
2015	36.3	23.6	13.7	26,4	59.9		50.0	50.0	
2016	35,8	23.5	13.6	27.1	59.3	40,7	49.3	50.6	
2017	35.4	23.6	13.2	27.9	59.0	41.0	48.6	51,4	

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#### Historical Summary of Tenure System Faculty, by Rank -- HEADCOUNT

TOTAL Year Men Wmn%WmnTotal	MINORITY Men Wmn Tot%Min	BLACK Men Wmn Tot%Blk	ASIAN Men Wmn Tot%Asn	HISPANIC Men Wmn Tot%Hsp	HAW/PI Men Wmn Tot %Hpi	2 OR MIORE Men Wmn Tot %2+	AMERIND Men Wmn Tot%Ami	WHITE Men Wmn Tot%Oth
PROFESSOR								
1998         970         206         17.5         1176           1999         948         211         18.2         1159           2000         912         219         19.4         1131           2001         878         220         20.0         1098           2002         848         213         20.1         1061           2003         825         220         21.1         1045           2004         786         218         21.5         1014           2005         782         219         21.9         1001           2006         781         226         22.4         1007           2007         772         217         219         989           2008         773         233         23.2         1006           2009         776         235         23.2         1001           2011         778         230         22.8         1008           2011         777         237         23.8         994           2012         743         226         23.3         969           2013         734         231         23.9         949	94         24         118         10,0           94         26         120         10,4           93         26         119         10,5           93         26         119         10,8           91         27         118         11,1           92         29         121         11,6           96         27         123         12,1           94         25         119         11,9           103         27         130         12,1           94         25         130         13,1           109         27         136         13,5           120         27         147         14,5           123         31         154         15,3           124         35         159         16,0           120         35         155         16,0           126         39         165         17,1           126         38         164         17,3           133         42         175         18,4           133         40         173         18,2           139         46         185         19,6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1       2       3       0.3         1       2       3       0.3         1       2       3       0.3         1       2       3       0.3         1       2       3       0.3         1       2       3       0.3         2       2       4       0.4         2       1       3       0.3         2       2       4       0.4	7         0         7         0.7           6         1         7         0.7           6         1         7         0.7           6         1         7         0.7           6         1         7         0.7           6         1         7         0.7           6         1         7         0.7           6         1         7         0.7           6         1         7         0.7	876         182         1058         90.0           854         185         1039         89.6           819         193         1012         89.5           785         194         979         89.2           757         186         943         88.9           733         191         924         88.4           700         191         891         87.9           688         194         882         86.1           678         199         877         87.1           687         192         859         86.9           684         206         870         86.5           655         199         854         84.7           633         202         835         84.0           623         191         814         84.0           608         192         800         82.9           596         189         785         82.7           585         193         778         81.6           576         200         776         81.8           562         198         760         80.4
ASSOCIATE PROFESSOR								
1998         343         174         33.7         517           1999         331         175         34.6         506           2000         336         175         34.6         506           2001         343         180         34.4         523           2002         335         193         36.6         528           2003         335         202         37.6         537           2004         331         201         37.8         532           2005         340         201         37.2         541           2006         342         207         37.7         549           2007         354         223         38.6         577           2008         355         215         37.7         578           2010         344         227         39.8         571           2011         342         224         39.6         578           2012         344         246         41.7         590           2013         370         234         38.7         604           2015         370         263         41.5         633           2015 <td><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></td> <td><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></td> <td><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></td> <td><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></td> <td>0 0 0 0 0.0 0 0 0 0.0 1 0 1 0.2 1 0 1 0.2</td> <td>0 2 2 0.4 1 2 3 0.5 1 2 3 0.5 1 2 3 0.5 1 2 3 0.5 1 3 4 0.6 0 3 3 0.5 0 3 3 0.5</td> <td>2       4       6       1.1         2       3       5       0.8         3       2       5       0.8         3       2       5       0.8         4       2       6       0.9         4       1       5       0.8</td> <td><math display="block">\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr</math></td>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 0 0 0.0 0 0 0 0.0 1 0 1 0.2 1 0 1 0.2	0 2 2 0.4 1 2 3 0.5 1 2 3 0.5 1 2 3 0.5 1 2 3 0.5 1 3 4 0.6 0 3 3 0.5 0 3 3 0.5	2       4       6       1.1         2       3       5       0.8         3       2       5       0.8         3       2       5       0.8         4       2       6       0.9         4       1       5       0.8	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
ASSISTANT PROFESSOR								
1998 176 118 40.1 294 1999 200 128 39.0 328 2000 204 131 39.1 335	38 29 67 22.8 42 35 77 23.5 46 36 82 24.5	7 9 16 5.4 7 10 17 5.2 9 10 19 5.7	22 13 35 11.9 27 14 41 12.5 29 14 43 12.8	5 7 12 4.1 4 9 13 4.0 5 10 15 4.5			4 0 4 1.4 4 2 6 1.8 3 2 5 1.5	138 89 227 77.2 158 93 251 76.5 158 95 253 75.5

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2001	222	134	37.6	356	51	41	92	25.8	11	12	23	6.5	32	15	47	13,2	5	11	16	4.5									3	3	6	1.7	171	93	264	74.2
2002	220	150	40.5	370	57	43	100	27.0	14	10	24	6.5	37	19	56	15.1	3	11	14	3.8									3	3	6	1.6	163	107	270	73.0
2003	216	146	40.3	362	58	46	104	28.7	13	11	24	6.6	37	23	60	16.6	5	9	14	3.9									3	3	6	1.7	158	100	258	71.3
2004	207	144	41.0	351	63	48	111	31.6	15	13	28	8.0	40	23	63	17.9	7	10	17	4.8									1	2	3	0.9	144	96	240	68.4
2005	209	162	43,7	371	65	49	114	30.7	13	20	33	8.9	42	19	61	16,4	9	9	18	4.9									1	1	2	0.5	144	113	257	69.3
2006	222	183	45.2	405	72	50	122	30.1	14	18	32	7.9	44	21	65	16.0	12	10	22	5.4									2	1	з	0.7	150	133	283	69,9
2007	230	179	43.8	409	73	54	127	31.1	11	19	30	7.3	45	23	68	16.6	14	11	25	6.1									3	1	4	1.0	157	125	282	68.9
2008	238	196	45.2	434	88	60	148	34.1	12	17	29	6.7	58	31	89	20.5	15	11	26	6.0									3	1	4	0.9	150	136	286	65.9
2009	250	194	43.7	444	87	59	146	32.9	13	13	26	5,9	57	31	88	19.8	14	15	29	6.5									3	0	3	0.7	163	135	298	67.1
2010	229	186	44.8	415	82	58	140	33.7	7	11	18	4,3	52	32	84	20.2	18	14	32	7.7	1	01	0,2	2	0	1	1	0.2	4	0	4	1.0	147	127	274	66.0
2011	221	184	45.4	405	79	62	141	34.8	9	16	25	6.2	49	30	79	19.5	16	15	31	7.7	1	01	0.2	2	0	1	1	0.2	4	a	4	1.0	142	122	264	65.2
2012	210	176	45.6	386	78	68	146	37.8	8	19	27	7,0	47	34	81	21.0	18	14	32	8.3	0	0 0	0,0	כ	2	1	3	0,8	3	0	з	0.8	132	108	240	62.2
2013	181	184	50.4	365	71	70	141	38,6	7	20	27	7.4	41	33	74	20.3	20	14	34	9,3	0	1 1	0.3	3	2	1	3	0.8	1	1	2	0,5	110	114	224	61.4
2014	187	187	50.0	374	73	72	145	38.8	7	20	27	7.2	45	34	79	21.1	17	15	32	8,6	0	1 1	0.3	3	2	1	3	8.0	2	1	3	0,8	114	115	229	61.2
2015	188	171	47.6	359	77	68	145	40,4	7	18	25	7.0	49	25	74	20.6	19	21	40	11.1	0	1 1	0,3	3	2	1	3	0.8	0	2	2	0,6	111	103	214	59.6
2016	208	204	49.5	412	84	74	158	38.3	9	17	26	6.3	56	29	85	20.6	18	24	42	10.2	1	12	0.5	5	0	1	1	0.2	0	2	2	0,5	124	130	254	61.7
2017	227	216	48.8	443	101	80	181	40.9	8	13	21	4.7	73	38	111	25.1	19	25	44	9.9	1	12	0.5	õ	0	1	1	0.2	2	2	4	0.9	126	136	262	59.1

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#### Historical Summary of Tenure System New Hires - (October 1 to September 30)

Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2004-05 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12 2012-13 2013-14 2015-16 2016-17	Total Men 52 74 77 66 51 34 56 83 78 75 61 26 47 45 66 86 78 64	Total Wmn 34 42 30 37 47 35 34 44 57 36 61 35 23 22 40 45 43 51 68 51	Final Total 86 116 101 114 113 86 60 140 114 136 89 89 89 109 117 146 115	Total Min 10 12 17 19 18 18 13 14 20 23 32 15 10 16 18 26 25 32 28	Total Min Wmn 6 14 5 8 10 11 12 13 11 9 13 7 9 18 19 11 21 18 20	Min Total 16 26 227 28 29 25 27 31 32 31 28 37 37 46 50 8	Black Men 2 2 2 6 5 4 1 4 3 2 2 5 4 1 4 3 2 5 5 4 0 5 5 0 1 5 5 1 5 1	Black Bl Wmn T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		Asian Men 6 9 10 12 12 12 12 12 12 7 8 11 17 24 9 6 6 11 10 17 15 20 23	Asian Wmn 3 5 1 3 6 8 5 2 5 6 4 5 2 5 6 4 2 8 5 2 5 6 4 5 2 5 6 4 5 2 5 1 2 8 5 2 5 1 3 6 8 5 2 5 6 4 5 1 2 8 5 2 5 1 3 6 8 5 2 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 6 8 5 1 3 8 5 1 3 8 5 1 3 8 5 1 3 8 5 1 3 8 5 1 8 5 1 8 5 1 8 5 1 8 5 1 8 5 1 8 5 1 8 5 1 3 1 8 5 1 8 1 8	Asian Total 9 14 11 15 18 20 12 10 16 23 38 19 20 23 24 29 35	Hispn Men 1 1 1 2 1 4 2 3 3 2 2 3 3 7 3 6 6 4	Hispn Wmn 2 5 2 1 1 1 3 1 2 6 1 2 2 2 3 10 5 3	Hispn Total 3 6 3 3 2 5 5 4 8 4 5 8 3 5 5 9 6 6 1 1 7 11 7	HawPI Men 0 0 0 0 0 0 0 0 0 0 1 0	HawPI I Wmn 0 0 0 0 1 1 0 0 0 0		2+ Men 0 1 2 0 0 1 0 0	2+ Wmn 0 0 0 0 0 1 0 1	2+ Total 0 1 2 0 2 0 1	Amind Men 1 0 0 1 1 1 0 0 1 1 1 0 0 2 1 1 0 0 0 1 1 0 0 0 0	Amind Wmn 2 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Amind Total 1 2 0 2 2 1 0 0 1 1 1 0 0 2 1 1 0 0 2 1 1 0 0 1 1 1 0 0 0 0	White Men 42 62 54 8 33 21 42 63 55 43 46 31 29 27 40 41 46 36	White Wmn 28 25 29 37 24 22 31 46 27 42 22 16 13 22 26 32 30 50 31		Protected Classes Total 44 54 47 56 65 53 47 58 77 59 93 50 33 38 50 33 38 50 63 69 76 100 79
PERCENT					Total																							rotected
Year	Total Men	Total Wmn	Final Total	Total Min Men	Total Min Wmn	Min Total	Black Men	Black Bla Wmn To		Asian Men	Asian . Wmn		Hispn Men	Hispn Wmn	Hispn Total	HawPI Men	HawPi I Wmn	HawPl Total	2+ Men	2+ Wmn	2+ Total	Amind Men	Amind Wmn	AmInd Total	White Men	White Wmn		rotected Classes Total
Year  1997-98	Total Men 60.5	Wmn 39.5	Total 100.0	Min Men 11.6	Min Wmn 7.0	Total 18.6	Men 2,3	Wmn To	otal 3.5	Men 7.0	Wmn 3.5	Total 10.5	Men 1.2	Wmn 2.3	Total 3,5							Men 1.2	Wmn  0,0	Total  1.2	Men 48.8	Wmn 32.6	White Total 81.4	Classes Total 51.2
Year	Total Men	Wmn	Total	Min Men	Min Wmn	Total	Men	Wmn To 1.2 1.7	otal	Men	Wmn 3.5 4,3	Total 10.5 12.1	Men 1.2 0,9	Wmn 2.3 4.3	Total 3.5 5.2							Men 1.2 0.0	Wmn 0.0 1.7	Total  1.2 1.7	Men 48.8 53.4	Wmn 32.6 24.1	White Total 81.4 77.6	Classes Total 51.2 46.6
Year 1997-98 1998-99 1999-00 2000-01	Total Men 60.5 63.8 70.3 67.5	Wmn 39.5 36.2 29.7 32.5	Total 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7	Min Wmn 7.0 12.1 5.0 7.0	Total 18.6 22.4 21.8 23.7	Men 2.3 1.7 5.9 4.4	Wmn To 1.2 1.7 2.0 1.8	otal 3.5 3.4 7.9 6.1	Men 7.0 7.8 9.9 10.5	Wmn 3.5 4.3 1.0 2.6	Total 10.5	Men 1.2 0,9 1.0 1.8	Wmn 2.3	Total 3.5 5.2 3.0 2.6							Men 1.2	Wmn  0,0	Total  1.2	Men 48.8	Wmn 32.6	White Total 81.4	Classes Total 51.2
Year 1997-98 1998-99 1999-00 2000-01 2001-02	Total Men 60.5 63.8 70.3 67.5 58.4	Wmn 39.5 36.2 29.7 32.5 41.6	Total 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9	Min Wmn 7.0 12.1 5.0 7.0 8.8	Total 18.6 22.4 21.8 23.7 24.8	Men 2,3 1.7 5.9 4,4 3.5	Wmn To 1.2 1.7 2.0 1.8 1.8	otal 3.5 3.4 7.9 6.1 5.3	Men 7.0 7.8 9.9 10.5 10.6	Wmn 3.5 4.3 1.0 2.6 5.3	Total 10.5 12.1 10.9 13.2 15.9	Men 1.2 0,9 1.0 1.8 0.9	Wmn 2.3 4.3 2.0 0.9 0.9	Total 3,5 5.2 3.0 2.6 1.8							Men 1.2 0.0 0.0 0.0 0.9	Wmn 0.0 1.7 0.0 1.8 0.9	Total 1.2 1.7 0.0 1.8 1.8	Men 48.8 53.4 53.5 50.9 42.5	Wmn 32.6 24.1 24.8 25.4 32.7	White Total 81.4 77.6 78.2 76.3 75.2	Classes Total 51.2 46.6 46.5 49.1 57.5
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03	Total Men 60.5 63.8 70.3 67.5 58.4 59.3	Wmn 39.5 36.2 29.7 32.5 41.6 40.7	Total 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8	Total 18.6 22.4 21.8 23.7 24.8 33.7	Men 2.3 1.7 5.9 4.4 3.5 1.2	Wmn To 1.2 1.7 2.0 1.8 1.8 2.3	otal 3.5 3.4 7.9 6.1 5.3 3.5	Men 7.0 7.8 9.9 10.5 10.6 14.0	Wmn 3.5 4.3 1.0 2.6 5.3 9.3	Total 10.5 12.1 10.9 13.2 15.9 23.3	Men 1.2 0.9 1.0 1.8 0.9 4.7	Wmn 2.3 4.3 2.0 0.9 0.9 1.2	Total 3,5 5,2 3,0 2,6 1,8 5,8							Men 1.2 0.0 0.0 0.0 0.9 1.2	Wmn 0.0 1.7 0.0 1.8 0.9 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2	Men 48.8 53.4 53.5 50.9 42.5 38,4	Wmn 32.6 24.1 24.8 25.4 32.7 27.9	White Total 81.4 77.6 78.2 76.3 75.2 66.3	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6
Year 1997-98 1998-99 1999-00 2000-01 2001-02	Total Men 60.5 63.8 70.3 67.5 58.4	Wmn 39.5 36.2 29.7 32.5 41.6	Total 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9	Min Wmn 7.0 12.1 5.0 7.0 8.8	Total 18.6 22.4 21.8 23.7 24.8	Men 2,3 1.7 5.9 4,4 3.5	Wmn To 1.2 1.7 2.0 1.8 1.8 2.3 5.9 1	otal 3.5 3.4 7.9 6.1 5.3	Men 7.0 7.8 9.9 10.5 10.6	Wmn 3.5 4.3 1.0 2.6 5.3	Total 10.5 12.1 10.9 13.2 15.9	Men 1.2 0.9 1.0 1.8 0.9 4.7 2.9	Wmn 2.3 4.3 2.0 0.9 0.9 1.2 4.4	Total 3,5 5,2 3,0 2,6 1,8 5,8 7,4							Men 1.2 0.0 0.0 0.0 0.9 1.2 0.0	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2 0.0	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9	Wmn 32.6 24.1 24.8 25.4 32.7	White Total 81.4 77.6 78.2 76.3 75.2 66.3 63.2	Classes Total 51.2 46.6 46.5 49.1 57.5
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2004-05 2005-06	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 56.0 59.3	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 40.7	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9 19.1 14.0 14.3	Min Wmn 12.1 5.0 7.0 8.8 12.8 17.6 13.0 7.9	Total 18.6 22.4 21.8 23.7 24.8 33.7 36.8 27.0 22.1	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9	Wmn To 1.2 1.7 2.0 1.8 1.8 2.3 5.9 1 10.0 1 2.1	3.5 3.4 7.9 6.1 5.3 3.5 11.8 13.0 4.3	Men 7.0 7.8 9.9 10.5 10.6 14.0 10.3 8.0 7.9	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4	Men 1.2 0.9 1.0 1.8 0.9 4.7	Wmn 2.3 4.3 2.0 0.9 0.9 1.2	Total 3.5 5.2 3.0 2.6 1.8 5.8 7.4 4,0 5.7							Men 1.2 0.0 0.0 0.0 0.9 1.2	Wmn 0.0 1.7 0.0 1.8 0.9 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2	Men 48.8 53.4 53.5 50.9 42.5 38,4	Wmn 32.6 24.1 24.8 25.4 32.7 27.9 32.4	White Total 81.4 77.6 78.2 76.3 75.2 66.3	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2003-04 2005-06 2005-06	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 56.0 59.3 68.4	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 40.7 31.6	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9 19.1 14.0 14.3 20.2	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8 17.6 13.0 7.9 7.9	Total 18.6 22.4 21.8 23.7 24.8 33.7 36.8 27.0 22.1 28.1	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9 3.0 2.1 1.8	Wmn Tc 1.2 1.7 2.0 1.8 2.3 5.9 1 10.0 1 2.1 1.8	otal 3.5 3.4 7.9 6.1 5.3 3.5 1.8 13.0 4.3 3.5	Men 7.0 7.8 9.9 10.5 10.6 14.0 10.3 8.0 7.9 14.9	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0 3.6 5.3	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4 20.2	Men 1.2 0,9 1.0 1.8 0.9 4.7 2.9 3.0 3.6 2.6	Wmn 2.3 4.3 2.0 0.9 1.2 4.4 1.0 2.1 0.9	Total 3.5 5.2 3.0 2.6 1.8 5.8 7.4 4.0 5.7 3.5							Men 1.2 0.0 0.0 0.9 1.2 0.0 0.0 0.0 0.7 0.9	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2 0.0 0.0 0.7 0.9	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9 42.0 45.0 48.2	Wmn 32.6 24.1 24.8 25.4 32.7 27.9 32.4 31.0 32.9 23.7	White Total 81.4 77.6 78.2 76.3 75.2 66.3 63.2 73.0 77.9 71.9	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1 58.0 55.0 51.8
Year 1997-98 1998-99 1999-00 2000-01 2002-03 2003-04 2004-05 2005-06 2005-06 2005-07 2007-08	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 55.0 59.3 68.4 55.1	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 40.7 31.6 44.9	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9 19.1 14.0 14.3 20.2 23.5	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8 17.6 13.0 7.9 7.9 14.0	Total 18.6 22.4 21.8 23.7 24.8 33.7 36.8 27.0 22.1 28.1 37.5	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9 3.0 2.1 1.8 3.7	Wmn To 1.2 1.7 2.0 1.8 1.8 2.3 5.9 1 10.0 1 2.1 1.8 2.2	otal 3.5 3.4 7.9 6.1 5.3 3.5 1.8 3.5 1.8 3.5 3.5 5.9	Men 7.0 7.8 9.9 10.5 10.6 14.0 10.3 8.0 7.9 14.9 17.6	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0 3.6 5.3 10.3	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4 20.2 27.9	Men 1.2 0,9 1.0 1.8 0.9 4.7 2.9 3.0 3.6 2.6 2.2	Wmn 2.3 4.3 2.0 0.9 0.9 1.2 4.4 1.0 2.1 0.9 1.5	Total 3.5 5.2 3.0 2.6 1.8 5.8 7.4 4.0 5.7 3.5 3.7							Men 1.2 0.0 0.0 0.9 1.2 0.0 0.0 0.0 0.7 0.9 0.0	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2 0.0 0.0 0.7 0.9 0.0	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9 42.0 45.0 48.2 31.6	Wmn 32.6 24.1 24.8 25.4 32.7 32.4 31.0 32.9 23.7 30.9	White Total 81.4 77.6 78.2 76.3 75.2 66.3 63.2 73.0 77.9 71.9 62.5	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1 58.0 55.0 55.0 51.8 68.4
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2003-04 2005-06 2005-06	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 56.0 59.3 68.4	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 40.7 31.6	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9 19.1 14.0 14.3 20.2	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8 17.6 13.0 7.9 7.9	Total 18.6 22.4 21.8 23.7 24.8 33.7 36.8 27.0 22.1 28.1	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9 3.0 2.1 1.8	Wmn Tc 1.2 1.7 2.0 1.8 1.8 2.3 5.9 1 10.0 1 1.8 2.2 2.1	otal 3.5 3.4 7.9 6.1 5.3 3.5 1.8 13.0 4.3 3.5	Men 7.0 7.8 9.9 10.5 10.6 14.0 10.3 8.0 7.9 14.9	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0 3.6 5.3	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4 20.2	Men 1.2 0,9 1.0 1.8 0.9 4.7 2.9 3.0 3.6 2.6	Wmn 2.3 4.3 2.0 0.9 1.2 4.4 1.0 2.1 0.9	Total 3.5 5.2 3.0 2.6 1.8 5.8 7.4 4.0 5.7 3.5							Men 1.2 0.0 0.0 0.9 1.2 0.0 0.0 0.0 0.7 0.9	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2 0.0 0.0 0.7 0.9	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9 42.0 45.0 48.2	Wmn 32.6 24.1 24.8 25.4 32.7 27.9 32.4 31.0 32.9 23.7	White Total 81.4 77.6 78.2 76.3 75.2 66.3 63.2 73.0 77.9 71.9	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1 58.0 55.0 51.8
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2004-05 2005-06 2005-06 2005-07 2007-08 2008-09 2009-10 2010-11	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 56.0 59.3 68.4 55.1 63.5 53.1 68.1	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 40.7 31.6 36.5 46.9 31.9	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9 19.1 14.0 14.3 20.2 23.5 15.6 20.4 23.2	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8 17.6 13.0 7.9 14.0 13.5 14.3 13.0	Total           18.6           22.4           33.7           24.8           33.7           36.8           27.0           22.1           28.7           29.2           34.7           36.8           27.0           22.1           28.7           36.8           29.2           34.7           36.2	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9 3.0 2.1 1.8 3.7 4.2 0.0 7.2	Wmn Tc 1.2 1.7 2.0 1.8 1.8 2.3 5.9 1 0.0 1 2.1 1.8 2.2 2.1 4.1 7.2 1	otal 3.5 3.4 7.9 6.1 5.3 3.5 1.8 3.5 1.8 3.5 4.3 5.9 6.3 4.1 4.5	Men 7.0 7.8 9.9 10.5 10.6 14.0 10.3 8.0 7.9 14.9 17.6 9.4 12.2 8.7	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0 3.6 5.3 10.3 5.2 8.2 2.9	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4 20.2 27.9 14.6 20.4 11.6	1.2 0.9 1.0 1.8 0.9 4.7 2.9 3.0 3.6 2.6 2.6 2.2 2.1 4.1 4.3	Wmn 2.3 4.3 2.0 0.9 1.2 4.4 1.0 2.1 0.9 1.5 6.3 2.0 2.9	Total 3.5 5.2 3.0 2.6 1.8 5.8 7.4 4.0 5.7 3.5 3.7 8.3 6.1 7.2	Men 	Wmn 	Total 	Men 	Wmn	Total	Men 1.2 0.0 0.0 0.9 1.2 0.0 0.0 0.0 0.7 0.9 0.0 0.0 0.0 4.1 1.4	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9 42.0 45.0 45.0 45.0 45.0 45.0 31.6 9 32.7 44.9	Wmn 32.6 24.1 24.8 25.4 32.7 27.9 32.4 31.0 32.9 23.7 30.9 23.7 30.9 22.9 23.7 30.9 23.7 30.9	White Total 81.4 77.6 78.2 76.3 75.2 66.3 75.2 66.3 73.0 77.9 71.9 62.5 70.8 65.3 65.3 63.8	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1 58.0 55.0 51.8 68.4 52.1 67.3 55.1
Year 1997-98 1998-99 1999-00 2000-01 2002-03 2003-04 2003-04 2005-06 2005-06 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 59.3 68.4 55.1 63.5 53.1 68.1 52.9	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 40.7 31.6 31.9 47.1	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9 19.1 14.0 14.3 20.2 23.5 15.6 20.4 23.2 18.8	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8 17.6 13.0 7.9 7.9 14.0 13.5 14.3 13.0 21.2	Total 18.6 22.4 21.8 23.7 24.8 33.7 36.8 27.0 22.1 28.1 37.5 29.2 34.7 36.2 40.0	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9 3.0 2.1 1.8 3.7 4.2 0.0 7.2 0.0	Wmn Tc 1.2 1.7 2.0 1.8 1.8 2.3 5.9 1 10.0 1 2.1 1.8 2.2 2.1 4.1 7.2 1 9.4	otal 3.5 3.4 7.9 6.1 5.3 3.5 1.8 3.5 1.8 3.5 5.9 6.3 4.1 4.5 9.4	Men 7.0 9.9 10.5 10.6 14.0 10.3 8.0 7.9 14.9 17.6 14.9 17.6 8.7 12.2 8.7	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.3 9.3 7.4 2.0 3.6 5.2 9.3 7.4 9.3 7.4 9.3 7.4 9.2 9.3 7.4 9.3 7.4 9.3 7.4 9.3 7.4 9.3 7.4 9.3 7.4 9.3 7.4 9.4 7.2 9.3 7.4 7.4 7.4 7.2 9.3 7.4 7.4 7.4 7.2 9.3 7.4 7.4 7.4 7.2 9.3 7.4 7.4 7.4 7.2 9.3 7.4 7.2 7.4 7.2 9.3 7.4 7.2 7.4 7.2 9.3 7.2 8.2 9.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4 20.2 27.9 14.6 20.4 11.6 22.4	1.2 0.9 1.0 1.8 0.9 4.7 2.9 3.0 3.6 2.2 2.1 4.1 4.3 3.5	Wmn 2.3 4.3 2.0 0.9 0.9 1.2 4.4 1.0 2.1 0.9 1.5 6.3 2.0 2.9 2.4	Total 3.5 5.2 3.0 2.6 1.8 5.8 7.4 4.0 5.7 3.57 3.7 8.3 6.1 7.2 5.9	Men  0.0	Wmn  0.0	Total 	Men  25.0	Umn 	Total	Men 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.1 1.4 0.0	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9 42.0 45.0 45.0 45.0 31.6 47.9 32.7 44.9 34.1	Wmn 32.6 24.1 24.8 25.4 32.7 27.9 32.4 31.0 32.9 23.7 30.9 22.9 32.7 30.9 22.9 32.7 18.8 25.9	White Total 81.4 77.6 78.2 76.3 66.3 63.2 73.0 77.9 71.9 62.5 70.8 65.3 65.3 63.8 60.0	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1 58.0 55.0 51.8 68.4 52.1 67.3 55.1 65.9
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2004-05 2005-06 2005-06 2006-07 2007-08 2008-09 2009-10 2009-10 2010-11 2011-12 2012-13	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 56.0 59.3 68.4 55.1 63.5 53.1 63.5 53.1 68.1 52.9 50.0	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 31.6 44.9 31.6 44.9 31.5 31.9 47.1 50.0	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9 19.1 14.0 14.3 20.9 23.5 15.6 20.4 23.5 15.6 20.4 23.5 15.6 20.4 23.5 15.6 20.4 23.5 15.6 20.4 23.5	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8 12.8 13.0 7.9 7.9 14.0 13.5 14.3 13.0 21.2 21.1	Total           18.6           22.4           23.7           24.8           33.7           26.8           27.0           22.1           28.1           37.5           29.2           34.2           40.0           41.1	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9 3.0 2.1 1.8 3.7 4.2 0.0 7.2 0.0 1.1	Wmn Tc 1.2 1.7 2.0 1.8 2.3 5.9 1 10.0 1 2.1 1.8 2.3 2.3 10.0 1 2.1 1.8 2.2 2.1 4.1 7.2 1 9.4 9.5 6	otal 3.5 3.4 7.9 6.1 5.3 3.5 13.0 4.3 5.9 6.3 4.1 4.5 9.4 6.7	Men 7.0 7.8 9.9 10.5 10.6 14.0 10.3 8.0 7.9 14.9 17.6 9.4 12.2 8.7 12.9 11.1	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0 3.6 5.3 10.3 5.2 8.2 2.9 9.4 11.1	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4 20.2 27.9 14.6 20.4 11.6 22.4 22.2	Men           1.2           0.9           1.0           1.8           0.9           4.7           3.0           3.6           2.2           2.1           4.3           3.5           7.8	Wmn 2.3 4.3 2.0 0.9 0.9 1.2 4.4 1.0 2.1 0.9 1.5 6.3 2.0 2.9 2.4 2.2	3.5           3.5           5.2           3.0           2.6           1.8           5.8           7.4           4.0           5.7           3.57	Men  0.0 0.0	Wmn  0.0 2.7	0.0 2.7	Men  25.0 0.0	0.0 0.0	Total  25.0 0.0	Men 1.2 0.0 0.0 0.9 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9 42.0 45.0 45.0 45.0 31.6 47.9 32.7 44.9 32.7 44.9 32.7 33.0	Wmn 32.6 24.1 24.8 25.4 32.7 27.9 32.4 31.0 32.9 23.7 30.9 22.9 32.7 18.8 25.9 28.9	White Total 81.4 77.6 78.2 76.3 75.2 66.3 63.2 73.0 77.9 71.9 71.9 62.5 70.8 65.3 63.8 65.3 63.0 65.8 9	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1 58.0 55.0 51.8 68.4 52.1 67.3 55.1 67.3 55.9 70.0
Year 1997-98 1998-99 1999-00 2000-01 2002-03 2003-04 2003-04 2005-06 2005-06 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 59.3 68.4 55.1 63.5 53.1 68.1 52.9	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 40.7 31.6 31.9 47.1	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 15.9 20.9 19.1 14.0 14.3 20.2 23.5 15.6 20.4 23.2 18.8	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8 17.6 13.0 7.9 7.9 14.0 13.5 14.3 13.0 21.2	Total 18.6 22.4 21.8 23.7 24.8 33.7 36.8 27.0 22.1 28.1 37.5 29.2 34.7 36.2 40.0	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9 3.0 2.1 1.8 3.7 4.2 0.0 7.2 0.0	Wmn         To           1.2         1.7           2.0         1.8           1.8         2.3           5.9         1           10.0         1           2.1         -           1.8         -           2.1         -           4.1         -           7.2         1           9.4         -           5.6         1.8           1.8         -           1.8         -           2.1         -           4.1         -           9.4         -           5.6         1.8	otal 3.5 3.4 7.9 6.1 5.3 3.5 1.8 3.5 1.8 3.5 5.9 6.3 4.1 4.5 9.4	Men 7.0 7.8 9.9 10.5 10.6 14.0 10.3 8.0 7.9 14.9 17.6 9.4 12.2 8.7 12.9 11.1 15.6	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0 3.6 5.3 10.3 5.2 8.2 2.9 9.4 11.1	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4 20.2 27.9 14.6 20.4 11.6 22.4	1.2 0.9 1.0 1.8 0.9 4.7 2.9 3.6 2.6 2.2 2.1 4.1 4.3 3.5 7.8 2.8	Wmn 2.3 4.3 2.0 0.9 0.9 1.2 4.4 1.0 2.1 0.9 1.5 6.3 2.0 2.9 2.4	Total 3.5 5.2 3.0 2.6 1.8 5.8 7.4 4.0 5.7 3.57 3.7 8.3 6.1 7.2 5.9	Men  0.0 0.0 0.0 0.0	Wmn  0.0	Total 	Men  25.0 0.0 0.0	Umn 	Total  25.0 0.0 0.0	Men 1.2 0.0 0.0 0.9 1.2 0.0 0.0 0.7 0.9 0.0 0.0 0.0 4.1 1.4 0.0 0.0 0.9 9 0.0 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.0	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2 0.0 0.0 0.7 0.9 0.0 0.0 0.0 0.0 4.1 1.4 0.0 1.1 0.9	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9 42.0 45.0 45.0 45.0 31.6 47.9 32.7 44.9 34.1	Wmn 32.6 24.1 24.8 25.4 32.7 27.9 32.4 31.0 32.9 23.7 30.9 22.9 23.7 30.9 22.9 22.7 18.8 25.9 28.9 28.9 28.9 28.9	White Total 81.4 77.6 78.2 76.3 66.3 63.2 73.0 77.9 71.9 62.5 70.8 65.3 65.3 63.8 60.0	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1 55.0 55.0 51.8 68.4 55.1 67.3 55.1 67.3 55.1 67.3 55.1 67.3 55.3
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2004-05 2005-06 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12 2012-13 2013-14	Total Men 60.5 63.8 70.3 67.5 58.4 59.3 50.0 56.0 59.3 68.4 55.1 63.5 53.1 68.1 52.0 60.6	Wmn 39.5 36.2 29.7 32.5 41.6 40.7 50.0 44.0 31.6 44.9 36.5 46.9 31.9 47.1 50.0 39.4	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 11.6 10.3 16.8 16.7 20.9 19.1 14.0 14.3 20.2 23.5 15.6 20.4 23.2 18.8 20.0 23.9	Min Wmn 7.0 12.1 5.0 7.0 8.8 12.8 17.6 13.0 7.9 14.0 13.5 14.3 13.0 21.2 21.1 10.1	Total           18.6           22.4           23.7           24.8           33.7           36.8           27.0           22.1           28.1           37.5           29.2           34.7           36.8           20.0           44.1           33.9	Men 2.3 1.7 5.9 4.4 3.5 1.2 5.9 3.0 2.1 1.8 3.7 4.2 0.0 7.2 0.0 1.1 4.6	Wmn         To           1.2         1.7           2.0         1.8           1.8         2.3           5.9         1           10.0         1           2.1         1.8           2.2         2.1           4.1         7.2           9.4         9.4           5.6         1.8           0.0         3	otal 3.5 3.4 7.9 6.1 5.3 3.5 13.0 4.3 5.9 6.3 4.1 5.9 6.3 4.1 9.4 6.7 6.4	Men 7.0 7.8 9.9 10.5 10.6 14.0 10.3 8.0 7.9 14.9 17.6 9.4 12.2 8.7 12.9 11.1	Wmn 3.5 4.3 1.0 2.6 5.3 9.3 7.4 2.0 3.6 5.3 10.3 5.2 8.2 9.4 11.1 5.5	Total 10.5 12.1 10.9 13.2 15.9 23.3 17.6 10.0 11.4 20.2 27.9 14.6 20.4 22.4 22.2 21.1	Men           1.2           0.9           1.0           1.8           0.9           4.7           3.0           3.6           2.2           2.1           4.3           3.5           7.8	Wmn 2.3 4.3 2.0 0.9 0.9 1.2 4.4 1.0 2.1 0.9 1.5 6.3 2.0 2.9 2.4 2.2 2.8	Total 3.5 5.2 3.0 2.6 1.8 5.8 7.4 4.0 5.7 3.5 3.7 8.3 6.1 7.2 5.9 10.0 5.5	Men  0.0 0.0	Wmn  0.0 2.7 0.0	Total  0.0 2.7 0.0	Men  25.0 0.0	Vmn  0.0 0.0 0.0	Total  25.0 0.0	Men 1.2 0.0 0.0 0.9 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Wmn 0.0 1.7 0.0 1.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 1.2 1.7 0.0 1.8 1.8 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Men 48.8 53.4 53.5 50.9 42.5 38.4 30.9 42.0 45.0 45.0 45.0 45.0 45.0 45.0 48.2 31.6 47.9 32.7 44.9 32.7 34.1 30.0 36.7	Wmn 32.6 24.1 24.8 25.4 32.7 27.9 32.4 31.0 32.9 23.7 30.9 22.9 32.7 18.8 25.9 28.9	White Total 81.4 77.6 78.2 76.3 63.2 73.0 77.9 71.9 62.5 70.8 65.3 63.8 65.3 63.8 65.9 58.9 56.1	Classes Total 51.2 46.6 46.5 49.1 57.5 61.6 69.1 58.0 55.0 51.8 68.4 52.1 67.3 55.1 67.3 55.9 70.0

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#### Historical Summary of Tenure System Separations - (October 1 through September 30)

NUMBER	Total	Total	Final	Total Min	Total Min	Min	Black	Black	Black	Asian	Asian ,	Asian	Hispn	Hispn	Hispn	Haw/Pl	law/PI l	law/Pi	2+	2+	2+	Amind	Amind	Amind	White	White		rotected Classes
Year	Men	Wmn	Total	Men	Wmn	Total	Men	Wmn	Total	Men	Wmn	Total	Мел	Wmn	Total	Men	Wma	Total	Men	Wmn	Total	Мел	Wmn	Total	Меп	Wma	Total	Total
1997-98	71	10	81	7	0	7	2	0	2	4	0	4	1	0	1							0		0	64	10	74	17
1998-99	81	24	105	8	4	12	2	1	3	5	1	6	1	2	3							0	0	0	73	20	93	32
1999-00	94	20	114	10	1	11	2	1	3	8	0	8	0	0	0							0 Q	0	0	84	19	103	30
2000-01 2001-02	83 100	30 21	113 121	7 16	5 5	12 21	3 6	3	6 8	3 4	2	5 6	1	0	1							0	0	0	76 84	25 16	101 100	37 37
2002-03	77	22	99	12	3	15	4	ō	4	7	2	9	0	1	1							1	õ	1	65	19	84	34
2003-04	70	33	103	7	6	13	3	2	5	4	2	6	ō	1	1							ò	1	1	63	27	90	40
2004-05	56	25	81	9	5	14	4	0	4	5	4	9	0	1	1							0	0	0	47	20	67	34
2005-06	63	20	83	3	4	7	0	3	3	2	0	2	1	1	2							0	0	0	60	16	76	23
2006-07 2007-08	62 58	33 32	95 90	12 10	6 10	18 20	5 3	4	9 9	5 5	0 3	5 8	2 2	2 1	4 3							0	0	0	50 48	27 22	77 70	45 42
2008-09	48	21	69	8	8	16	3	5	8	4	2	6	Ó	1	1							1	0	1	40	13	53	42 29
2009-10	44	37	81	8	10	18	3	5	8	2	2	4	3	2	5	0	0	ο	0	0	0	ò	1	1	36	27	63	45
2010-11	76	22	98	18	4	22	5	0	5	7	2	9	5	2	7	0	0	0	0	0	0	1	0	1	58	18	76	40
2011-12	66	34	100	19	4	23	4	2	6	11	2	13	3	0	3	0	0	0	0	0	0	1	0	1	47	30	77	53
2012-13 2013-14	56 61	42 23	98 84	10 12	8 5	18 17	2 5	3 2	5	7 6	3 2	10 8	1	1	2	0	0	0	0	0	0	0	1	1	46	34	80 67	52 35
2013-14	78	42	120	15	13	28	2	4	6	11	8	19	2	1	23	0	0	0	0	Ö	0	0	0	0 0	49 63	18 29	92	57
2015-16	71	29	100	18	15	33	4	7	11	10	3	13	2	3	5	ŏ	ŏ	ŏ	2	1	š	ŏ	1	1	53	14	67	47
2016-17	59	31	90	7	5	12	1	2	3	5	1	6	1	2	3	0	0	0	0	0	0	0	0	0	52	26	78	38
PERCENT				Total	Total																						P	rotected
	Total	Total	Final	Min	Min	Min	Black			Asian					•	Haw/Pl			2+	2+	2+	Amind	Amind	Amind	White	White	White	Classes
PERCENT Year	Total Men	Total Wmn	Final Total	Min		Min Total		Black Wmn	Total	Men		Asian Total			Hispn Total		ław/Pi⊀ Wmn				2+ Total	Amind Men	Amind Wmn	Total	Men	White Wmn	White Total	
				Min	Min							Total			Total								Wmn				White	Classes
Year 1997-98 1998-99	Men 87.7 77.1	Wmn 12.3 22.9	Total  100.0 100.0	Min Men	Min Wmn 0.0 3,8	Total	Men	Wmn	Total	Men	Wmn 		Men	Wmn	•							Men		Total	Men	Wmn	White Total	Classes Total
Year 1997-98 1998-99 1999-00	Men 87.7 77.1 82.5	Wmn 12.3 22.9 17.5	Total 100.0 100.0 100.0	Min Men 8.6 7.6 8,8	Min Wmn 0.0 3,8 0.9	Total  8.6 11.4 9.6	Men 2.5 1.9 1.8	Wmn 0.0 1.0 0.9	Total 2.5 2.9 2.6	Men 4.9 4.8 7.0	Wmn 0.0 1.0 0.0	Total  4.9 5.7 7,0	Men 1.2 1.0 0,0	Wmn 0.0 1.9 0.0	Total 1.2 2.9 0.0							Men 0.0 0.0 0.0	Wmn  0.0 0.0 0.0	Total  0.0 0.0 0.0	Men 79.0 69.5 73.7	Wmn 12.3 19.0 16.7	White Total 91.4 88.6 90.4	Classes Total 21.0 30.5 26.3
Year 1997-98 1998-99 1999-00 2000-01	Men 87.7 77.1 82.5 73.5	Wmn 12.3 22.9 17.5 26.5	Total 100.0 100.0 100.0 100.0	Min Men 8.6 7.6 8,8 6,2	Min Wmn 0.0 3,8 0,9 4.4	Total  8.6 11.4 9.6 10.6	Men 2.5 1.9 1.8 2.7	Wmn 0.0 1.0 0.9 2.7	Total 2.5 2.9 2.6 5,3	Men 4.9 4.8 7.0 2.7	Wmn 0.0 1.0 0.0 1.8	Total 4.9 5.7 7.0 4.4	Men 1.2 1.0 0,0 0.9	Wmn 0.0 1.9 0.0 0.0	Total 1.2 2.9 0.0 0.9							Men 0.0 0.0 0.0 0.0	Wmn 0.0 0.0 0.0 0.0	Total 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3	Wmn 12.3 19.0 16.7 22.1	White Total 91.4 88.6 90.4 89.4	Classes Total 21.0 30.5 26.3 32.7
Year 1997-98 1998-99 1999-00 2000-01 2001-02	Men 87.7 77.1 82.5 73.5 82.6	Wmn 12.3 22.9 17.5 26.5 17.4	Total 100.0 100.0 100.0 100.0 100.0	Min Men 8.6 7.6 8,8 6.2 13.2	Min Wmn 0.0 3,8 0.9 4.4 4.1	Total 8.6 11.4 9.6 10.6 17.4	Men 2.5 1.9 1.8 2.7 5.0	Wmn 0.0 1.0 0.9 2.7 1.7	Total 2.5 2.9 2.6 5.3 6.6	Men 4.9 4.8 7.0 2.7 3.3	Wmn 0.0 1.0 0.0 1.8 1.7	Total 4.9 5.7 7.0 4.4 5.0	Men 1.2 1.0 0,0 0.9 5.0	Wmn 0.0 1.9 0.0 0.0 0.8	Total 1.2 2.9 0.0 0.9 5.8							Men 0.0 0.0 0.0 0.0 0.0	Wmn 0.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4	Wmn 12.3 19.0 16.7 22.1 13.2	White Total 91.4 88.6 90.4 89.4 82.6	Classes Total 21.0 30.5 26.3 32.7 30.6
Year 1997-98 1998-99 1999-00 2000-01	Men 87.7 77.1 82.5 73.5	Wmn 12.3 22.9 17.5 26.5	Total 100.0 100.0 100.0 100.0	Min Men 8.6 7.6 8,8 6,2	Min Wmn 0.0 3,8 0,9 4.4	Total  8.6 11.4 9.6 10.6	Men 2.5 1.9 1.8 2.7	Wmn 0.0 1.0 0.9 2.7	Total 2.5 2.9 2.6 5,3	Men 4.9 4.8 7.0 2.7 3.3 7.1	Wmn 0.0 1.0 0.0 1.8 1.7 2.0	Total 4.9 5.7 7.0 4.4	Men 1.2 1.0 0,0 0.9	Wmn 0.0 1.9 0.0 0.0 0.8 1.0	Total 1.2 2.9 0.0 0.9 5.8 1.0							Men 0.0 0.0 0.0 0.0 0.0 1.0	Wmn 0.0 0.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 0.0 0.0 0.0 1.0	Men 79.0 69.5 73.7 67.3 69.4 65.7	Wmn 12.3 19.0 16.7 22.1 13.2 19.2	White Total 91.4 88.6 90.4 89.4 82.6 84.8	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2004-05	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 32.0 30.9	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 7.6 8.8 6.2 13.2 12.1 6.8 11.1	Min Wmn 3,8 0,9 4.4 4.1 3,0	Total 8.6 11.4 9.6 10.6 17.4 15.2	Men 2.5 1.9 1.8 2.7 5.0 4.0	Wmn 0.0 1.0 0.9 2.7 1.7 0.0	Total 2.5 2.9 2.6 5.3 6.6 4.0	Men 4.9 4.8 7.0 2.7 3.3	Wmn 0.0 1.0 0.0 1.8 1.7	Total 4.9 5.7 7.0 4.4 5.0 9.1	Men 1.2 1.0 0,0 0.9 5.0 0,0	Wmn 0.0 1.9 0.0 0.0 0.8	Total 1.2 2.9 0.0 0.9 5.8							Men 0.0 0.0 0.0 0.0 0.0	Wmn 0.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4	Wmn 12.3 19.0 16.7 22.1 13.2	White Total 91.4 88.6 90.4 89.4 82.6	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2004-05 2005-06	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 32.0 30.9 24.1	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 7.6 8.8 6.2 13.2 12.1 6.8 11.1 3.6	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8	Total 8.6 11.4 9.6 10.6 17.4 15.2 12.6 17.3 8.4	Men 2.5 1.9 1.8 2.7 5.0 4.0 2.9 4.9 0.0	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 4.9 3.6	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4	Wmn 0.0 1.0 0.0 1.8 1.7 2.0 1.9 4.9 0.0	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4	Men 1.2 1.0 0.9 5.0 0.0 0.0 0.0 0.0 1.2	Wmn 0.0 1.9 0.0 0.0 0.8 1.0 1.0 1.2 1.2	Total 1.2 2.9 0.0 0.9 5.8 1.0 1.0 1.2 2.4							Men 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0	Wmn 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0	Total 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4 65.7 61.2 58.0 72.3	Wmn 12.3 19.0 16.7 22.1 13.2 19.2 26.2 24.7 19.3	White Total 91.4 88.6 90.4 89.4 82.6 84.8 87.4 82.7 91.6	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7
Year 1997-98 1998-99 2000-01 2002-03 2003-04 2004-05 2005-06 2006-07	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9 65.3	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 32.0 30.9 24.1 34.7	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 7.6 8.8 6.2 13.2 12.1 6.8 11.1 3.6 12.6	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8 6.3	Total 8.6 11.4 9.6 10.6 17.4 15.2 12.6 17.3 8.4 18.9	Men 2.5 1.9 1.8 2.7 5.0 4.0 2.9 4.9 0.0 5.3	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6 4.2	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 4.9 3.6 9.5	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4 5.3	Wmn 0.0 1.0 0.0 1.8 1.7 2.0 1.9 4.9 0.0 0.0	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4 5.3	Men 1.2 1.0 0.0 0.9 5.0 0.0 0.0 0.0 1.2 2.1	Wmn 0.0 1.9 0.0 0.0 0.8 1.0 1.2 1.2 2.1	Total 1.2 2.9 0.0 0.9 5.8 1.0 1.0 1.2 2.4 4.2							Men 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0	Wmn 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0	Total 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4 65.7 61.2 58.0 72.3 52.6	Wmn 12.3 19.0 16.7 22.1 13.2 26.2 24.7 19.3 28.4	White Total 91.4 88.6 90.4 89.4 82.6 84.8 87.4 82.7 91.6 81.1	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7 47.4
Year 1997-98 1998-99 1999-00 2000-01 2002-03 2003-04 2004-05 2005-06 2005-06 2006-07 2007-08	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9 65.3 64.4	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 32.0 30.9 24.1 34.7 35.6	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 8.6 7.6 8.8 6.2 13.2 13.2 13.2 13.2 13.6 13.6 11.1	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8 6.3 11.1	Total 8.6 11.4 9.6 10.6 17.4 15.2 12.6 17.3 8.4 18.9 22.2	Men 2.5 1.9 1.8 2.7 5.0 4.0 2.9 4.9 0.0 5.3 3.3	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6 4.2 6.7	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 4.9 3.6 9.5 10.0	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4 5.3 5.6	Wmn 0.0 1.0 0.0 1.8 1.7 2.0 1.9 4.9 0.0 0.0 3.3	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4 5.3 8.9	Men 1.2 1.0 0.0 0.9 5.0 0.0 0.0 0.0 1.2 2.1 2.2	Wmn 0.0 1.9 0.0 0.0 0.8 1.0 1.2 1.2 2.1 1.1	Total 1.2 2.9 0.0 5.8 1.0 1.0 1.2 2.4 4.2 3.3							Men 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	Wmn 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4 65.7 61.2 58.0 72.3 52.6 53.3	Wmn 12.3 19.0 16.7 22.1 13.2 26.2 24.7 19.3 28.4 24.4	White Total 91.4 88.6 90.4 89.4 82.6 84.8 87.4 82.7 91.6 81.1 77.8	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7 47.4 46.7
Year 1997-98 1998-99 2000-01 2002-03 2003-04 2004-05 2005-06 2006-07	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9 65.3	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 32.0 30.9 24.1 34.7	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 7.6 8.8 6.2 13.2 12.1 6.8 11.1 3.6 12.6	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8 6.3	Total 8.6 11.4 9.6 10.6 17.4 15.2 12.6 17.3 8.4 18.9	Men 2.5 1.9 1.8 2.7 5.0 4.0 2.9 4.9 0.0 5.3	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6 4.2	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 4.9 3.6 9.5	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4 5.3 5.6 5.8	Wmn 0.0 1.0 0.0 1.8 1.7 2.0 1.9 4.9 0.0 0.0 3.3 2.9	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4 5.3 8.9 8.7	Men 1.2 1.0 0.0 0.9 5.0 0.0 0.0 0.0 0.0 1.2 2.1 2.2 0.0	Wmn 0.0 1.9 0.0 0.0 0.8 1.0 1.2 1.2 2.1 1.1 1.4	Total 1.2 2.9 0.0 5.8 1.0 1.0 1.2 2.4 4.2 3.3 1.4							Men 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0	Wmn 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4 65.7 61.2 58.0 72.3 52.6 53.3 58.0	Wmn 12.3 19.0 16.7 22.1 13.2 26.2 24.7 19.3 28.4 24.4 18.8	White Total 91.4 88.6 90.4 82.6 84.8 87.4 82.7 91.6 81.1 77.8 76.8	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7 47.4 46.7 42.0
Year 1997-98 1998-99 2000-01 2002-03 2002-03 2003-04 2004-05 2005-06 2006-07 2007-08 2008-09 2008-10 2010-11	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9 65.3 64.4 69.6 54.3 77.6	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 32.0 30.9 24.1 34.7 35.6 30.4 45.7 22.4	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 8.6 7.6 8.8 6.2 13.2 13.2 13.2 13.2 13.2 13.6 11.1 3.6 11.1 11.6 11.1 9.9 18.4	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8 6.3 11.1 11.6 12.3 4.1	Total 8.6 11.4 9.6 17.4 15.2 12.6 17.3 8.4 18.9 22.2 23.2 23.2 22.4	Men 2.5 1.9 1.8 2.7 5.0 4.0 2.9 4.9 0.0 5.3 3.3 3.7 5.1	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6 4.2 6.7 7.2 6.2 0.0	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 3.6 9.5 10.0 11.6 9.9 5.1	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4 5.3 5.6	Wmn 0.0 1.0 0.0 1.8 1.7 2.0 1.9 4.9 0.0 0.0 3.3 2.9 2.5 2.0	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4 5.3 8.9 8.7 4.9 9.2	Men 1.2 1.0 0.9 5.0 0.0 0.0 0.0 0.0 1.2 2.1 2.2 0.0 3.7 5.1	Wmn 0.0 1.9 0.0 0.0 0.8 1.0 1.2 1.2 2.1 1.1	Total 1.2 2.9 0.0 5.8 1.0 1.0 1.2 2.4 4.2 3.3							Men 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	Wmn 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0	Total 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4 65.7 61.2 58.0 72.3 52.6 53.3	Wmn 12.3 19.0 16.7 22.1 13.2 26.2 24.7 19.3 28.4 24.4	White Total 91.4 88.6 90.4 89.4 82.6 84.8 87.4 82.7 91.6 81.1 77.8	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7 47.4 46.7
Year 1997-98 1998-99 1999-00 2000-01 2002-03 2003-04 2004-05 2005-06 2006-07 2007-08 2008-09 2009-10 2009-10 2010-11 2011-12	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9 65.3 64.4 69.6 54.3 77.6 54.3 77.6	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 32.0 30.9 24.1 34.7 35.6 30.4 45.7 22.4 34.0	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 7.6 8.8 6.2 13.2 12.1 6.8 11.1 3.6 12.6 11.1 11.6 9.9 9 18.4 19.0	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8 6.2 4.8 6.2 4.8 11.1 11.6 12.3 4.1 4.0	Total 8.6 11.4 9.6 10.6 17.4 15.2 12.6 17.3 8.4 18.9 22.2 23.2 22.2 22.4 23.0	Men 2.5 1.9 1.8 2.7 5.0 4.0 2.9 4.9 0.0 5.3 3.3 3.3 3.7 5.1 4.0	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6 4.2 6.7 7.2 6.2 0.0 2.0	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 3.6 9.5 10.0 11.6 9.9 5.1 6.0	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4 5.3 5.6 5.8 2.5 7.1 11.0	Wmn 0.0 1.0 1.8 1.7 2.0 1.9 4.9 0.0 3.3 2.9 2.5 2.0 2.0	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4 5.3 8.9 8.7 4.9 9.2 13.0	Men 1.2 1.0 0.0 0.9 5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Wmn 0.0 1.9 0.0 0.0 0.8 1.0 1.2 1.2 2.1 1.1 1.4 2.5 2.0 0.0	Total 1.2 2.9 0.0 0.9 5.8 1.0 1.0 1.2 2.4 4.2 3.3 1.4 6.2 7.1 3.0	<u>Men</u> 	Wmn 	Total 	Men  0.0	Wmn	Total	Men 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Wmn 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Total 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4 65.7 61.2 58.0 72.3 52.6 53.3 52.6 53.3 58.0 44.4 59.2 47.0	Wmn 12.3 19.0 16.7 22.1 19.2 26.2 24.7 19.3 28.4 24.4 18.8 33.3 18.4 30.0	White Total 91.4 88.6 90.4 82.6 84.8 87.4 82.7 91.6 81.1 77.8 76.8 77.8 77.6 77.0	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7 47.4 46.7 47.4 46.7 42.0 55.6 40.8 53.0
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2003-04 2003-04 2004-05 2005-06 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12 2012-13	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9 65.3 64.4 69.6 54.3 77.6 66.0 57.1	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 30.9 24.1 34.7 35.6 30.4 45.7 22.4 34.0 42.9	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 8.6 7.6 8.8 6.2 13.2 12.1 6.8 11.1 3.6 12.6 11.1 11.6 9.9 18.4 19.0 10.2	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8 6.2 4.8 6.3 11.1 11.6 12.3 4.1 4.0 8.2	Total 8.6 11.4 9.6 10.6 17.4 15.2 12.6 17.3 8.4 18.9 22.2 23.2 22.4 23.0 18.4	Men 2.5 1.9 1.8 2.7 5.0 4.0 2.9 4.0 5.3 3.3 4.3 3.7 5.1 4.0 2.0	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6 4.2 6.7 7.2 6.2 0.0 2.0 3.1	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 3.6 9.5 10.0 11.6 9.9 5.1 6.0 5.1	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4 5.6 5.8 2.5 7.1 11.0 7.1	Wmn 0.0 1.0 1.8 1.7 2.0 1.9 4.9 0.0 0.0 0.0 3.3 2.9 2.5 2.0 2.0 3.1	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4 5.3 8.9 8.7 4.9 9.2 13.0 10.2	Men 1.2 1.0 0.0 0.9 5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Wrinn 0.0 1.9 0.0 0.0 0.8 1.0 1.2 1.2 2.1 1.1 1.4 2.5 2.0 0.0 1.0	Total 1.2 2.9 0.0 0.9 5.8 1.0 1.0 1.2 2.4 4.2 3.3 1.4 6.2 7.1 3.0 2.0	0.0 0.0	0.0 0.0	0.0 0.0	Men  0.0 0.0	Wmn 	0.0 0.0	Men 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Wmn 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Total 0.0 0.0 0.0 1.0 0.0 1.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4 65.7 61.2 58.0 72.6 53.3 58.0 44.4 59.2 47.0 46.9	Wmn 12.3 19.0 16.7 22.1 13.2 26.2 24.7 19.3 28.4 24.4 18.8 33.3 18.4 83.3 18.4 30.0 34.7	White Total 91.4 88.6 90.4 89.4 82.6 84.8 87.4 82.7 91.6 81.1 77.8 77.8 77.8 77.6 81.6	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7 47.4 46.7 42.0 55.6 40.8 53.0 53.1
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2002-03 2003-04 2004-05 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12 2012-13 2013-14	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9 65.3 64.3 77.6 65.4 54.3 77.6 57.1 72.6	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 32.0 30.9 24.1 34.7 35.6 30.4 45.7 22.4 34.0 42.9 27.4	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 8.6 7.6 8.8 6.2 13.2 12.1 6.8 11.1 3.6 11.1 11.6 9.9 18.4 19.0 10.2 14.3	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8 6.3 11.1 11.6 12.3 4.1 4.0 8.2 6.0	Total 8.6 11.4 9.6 10.6 17.3 8.4 12.6 17.3 8.4 12.2 22.2 22.2 22.2 22.2 22.4 23.0 18.4 20.2	Men 2.5 1.8 2.7 5.0 4.0 2.9 4.9 0.0 5.3 3.3 4.3 3.7 5.1 4.0 2.0 6.0	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6 4.2 6.7 7.2 6.7 7.2 0.0 2.0 3.1 2.4	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 3.6 9.5 10.0 11.6 9.9 5.1 6.0 5.1 8.3	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4 5.3 5.6 5.8 2.5 7.1 11.0 7.1	Wmn 0.0 1.0 0.0 1.8 1.7 2.0 1.9 0.0 0.0 3.3 2.9 2.5 2.0 3.1 2.4	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4 5.3 8.9 8.7 4.9 9.2 13.0 10.2 9.5	Men 1.2 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.2 2.1 2.2 0.0 3.7 5.1 3.0 1.0 1.2 1.2 1.0 1.2 1.0 1.2 1.0 1.2 1.0 1.2 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Wrinn 0.0 1.9 0.0 0.0 0.8 1.0 1.2 1.2 2.1 1.1 1.4 2.5 2.00 1.0 1.2	Total 1.2 2.9 0.9 5.8 1.0 1.0 1.2 2.4 4.2 3.3 1.4 6.2 7.1 3.0 2.0 2.4	0.0 0.0 0.0	0.0 0.0 0.0	Total  0.0 0.0 0.0	0.0 0.0 0.0	Wmn 0.0 0.0 0.0	0.0 0.0 0.0	Men 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Wmn 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Total 0.0 0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 65.7 61.2 58.0 52.6 53.3 52.6 53.3 58.0 44.4 59.2 47.0 46.9 58.3	Wmn 12.3 19.0 16.7 22.1 19.2 26.2 24.7 19.3 28.4 24.4 18.8 33.3 18.4 30.0 34.7 21.4	White Total 91.4 88.6 90.4 82.6 84.8 87.4 82.7 91.6 81.1 77.8 76.8 77.8 77.6 77.6 77.6 81.6 77.8	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7 47.4 46.7 42.0 55.6 40.8 53.0 53.1 41.7
Year 1997-98 1998-99 1999-00 2000-01 2001-02 2003-04 2003-04 2004-05 2005-06 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12 2012-13	Men 87.7 77.1 82.5 73.5 82.6 77.8 68.0 69.1 75.9 65.3 64.4 69.6 54.3 77.6 66.0 57.1	Wmn 12.3 22.9 17.5 26.5 17.4 22.2 30.9 24.1 34.7 35.6 30.4 45.7 22.4 34.0 42.9	Total 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Min Men 8.6 7.6 8.8 6.2 13.2 12.1 6.8 11.1 3.6 12.6 11.1 11.6 9.9 18.4 19.0 10.2	Min Wmn 0.0 3.8 0.9 4.4 4.1 3.0 5.8 6.2 4.8 6.2 4.8 6.3 11.1 11.6 12.3 4.1 4.0 8.2	Total 8.6 11.4 9.6 10.6 17.4 15.2 12.6 17.3 8.4 18.9 22.2 23.2 22.4 23.0 18.4	Men 2.5 1.9 1.8 2.7 5.0 4.0 2.9 4.0 5.3 3.3 4.3 3.7 5.1 4.0 2.0	Wmn 0.0 1.0 0.9 2.7 1.7 0.0 1.9 0.0 3.6 4.2 6.7 7.2 6.2 0.0 2.0 3.1	Total 2.5 2.9 2.6 5.3 6.6 4.0 4.9 3.6 9.5 10.0 11.6 9.9 5.1 6.0 5.1	Men 4.9 4.8 7.0 2.7 3.3 7.1 3.9 6.2 2.4 5.6 5.8 2.5 7.1 11.0 7.1	Wmn 0.0 1.0 1.8 1.7 2.0 1.9 4.9 0.0 0.0 0.0 3.3 2.9 2.5 2.0 2.0 3.1	Total 4.9 5.7 7.0 4.4 5.0 9.1 5.8 11.1 2.4 5.3 8.9 8.7 4.9 9.2 13.0 10.2	Men 1.2 1.0 0.0 0.9 5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Wrinn 0.0 1.9 0.0 0.0 0.8 1.0 1.2 1.2 2.1 1.1 1.4 2.5 2.0 0.0 1.0	Total 1.2 2.9 0.0 0.9 5.8 1.0 1.0 1.2 2.4 4.2 3.3 1.4 6.2 7.1 3.0 2.0	0.0 0.0	0.0 0.0	0.0 0.0	Men  0.0 0.0	Wmn 	0.0 0.0	Men 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Wmn 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Total 0.0 0.0 0.0 1.0 0.0 1.0 0.0 0.0 0.0 0.0	Men 79.0 69.5 73.7 67.3 69.4 65.7 61.2 58.0 72.6 53.3 58.0 44.4 59.2 47.0 46.9	Wmn 12.3 19.0 16.7 22.1 13.2 26.2 24.7 19.3 28.4 24.4 18.8 33.3 18.4 83.3 18.4 30.0 34.7	White Total 91.4 88.6 90.4 89.4 82.6 84.8 87.4 82.7 91.6 81.1 77.8 77.8 77.8 77.6 81.6	Classes Total 21.0 30.5 26.3 32.7 30.6 34.3 38.8 42.0 27.7 47.4 46.7 42.0 55.6 40.8 53.0 53.1

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							His	torical	Summ	ary of	Tenure	Systen	n Facu	ity														Prtc
	TOTAL		L	MINORITY			E	BLACK	ASIAN			HISPA			I C	HAW/P1			1 2+			A1/				WHITE		Class
Year	Men	Wmn	Total	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Total
TENURE SYS	TEM FAC	ULTY																										
1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	1489 1479 1452 1403 1376 1334 1345 1356 1356 1355 1351 1320 1297 1285 1290 1279	498 514 525 534 568 563 582 616 619 644 658 643 645 645 648 645 648 645 645 649 665 709	1987 1993 1977 1959 1944 1897 1913 1963 1965 2010 2033 1994 1965 1945 1934 1955 1948	188 193 200 213 214 225 230 247 258 279 286 288 288 288 288 288 285 292 305 312 324	76 84 88 93 100 108 111 119 127 128 136 142 143 149 162 172 178 182 187	264 277 288 306 314 326 336 374 386 415 428 431 437 447 464 483 494 511	58 52 64 60 57 58 57 60 57 59 60 54 54 50 49 49 49 50	32 33 34 33 35 35 45 45 42 38 32 37 42 39 36	90 91 96 97 93 92 93 102 97 96 81 92 92 88 86	99 104 106 116 125 130 131 133 142 154 176 176 176 176 176 178 188 191 201	31 34 35 38 44 50 52 50 55 60 71 74 74 74 75 81 88 93 90 98	130 138 141 154 169 183 183 197 214 242 250 249 251 257 266 281 299	22 23 24 19 23 30 34 35 37 39 43 41 42 49 51 55 58	13 15 17 18 18 17 19 22 21 22 27 28 20 31 32 30 31 32 41 43	35 37 40 42 37 40 56 59 66 71 69 72 80 89 61	2 2 2 2 2 2 3	0 0 1 1 1	2 2 2 3 3 4	1 2 4 4 4 5 2	555565	6 7 9 9 9 11 7	9 9 9 10 10 11 12 12 11 13 13 11 10 11 10	0224565555554444454	9 11 13 56 56 17 16 77 15 44 55 14	1301 1286 1252 1230 1189 1156 1109 1101 1098 1089 1089 1089 1089 1032 993 985 965	422 430 437 441 456 460 452 463 489 491 506 500 496 486 486 487 487 487 522	1723 1716 1689 1671 1616 1561 1564 1587 1589 1595 1605 1563 1528 1498 1498 1498 1498 1470 1472 1477	686 707 725 747 770 788 863 863 877 923 944 931 933 933 941 933 941 970 981 1033
2017	1286	723	2009	345	199	544	50	35	85	220	109	329	60	44	104	3	1	4	2	6	8	10	4	14	941	524	1465	1068
						Hist	orical	Summai	ry of N	et Cha	inge in '	Tenure	Syste	m Facul	ity										,			Prtc
		тот	AL	м	INORI	ŦΥ	£	BLACK			ASIAN	1	н	ISPAN	C	HA	W/PI			2+			A I / A N			WHITE		Class
Year	Men	Wmn	Total	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Мел	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmл	Tot	Total
TENURE SYST	TEM FAC	ULTY, C	CHANGE		MBER																							
1998 to 1999 1999 to 2000 2000 to 2001 2001 to 2002 2002 to 2003 2003 to 2004 2004 to 2005 2005 to 2006 2006 to 2007 2007 to 2008 2008 to 2009 2009 to 2019 2010 to 2011 2011 to 2012 2012 to 2013 2013 to 2014 2014 to 2015 2015 to 2016 2016 to 2017	-10 -27 -9 -42 -3 14 11 10 9 -24 -31 -23 -12 5 -14 3 7	16 11 9 22 -5 19 34 3 5 14 -15 2 3 1 16 4 40 14	6 -16 0 -18 -15 -47 16 48 14 35 23 -39 -20 -11 21 -10 43 21	573165577131655771127203713721	845783881 8616306452	13 11 18 14 13 125 12 13 6 10 17 11 17 33	042431-13321-604-10010	1 -1 -2 -10 -3 -4 -2 -4 -5 5 1 -4 -3 -1	151-4-1 93-6-2-105100-4-2-1	5 2 10 9 5 1 2 9 12 17 5 -1 1 0 2 10 3 10 19 10 19	3 1 3 6 6 2 -2 5 5 11 3 0 1 6 7 5 3 8 11	8 13 15 11 3 0 14 17 8 8 -1 2 6 9 15 0 18 30	0 1 1 5 4 3 4 4 1 2 2 4 2 1 7 2 4 3 2	2210120311510211921	2325354703752383353	0 0 0 1 0	0 1 0 0 0 0	0 1 0 1 0	2 0 0 1 -3 0	0 0 1 -1 1	2 0 2 -4 1	0 0 0 1 0 0 1 1 0 0 1 1 0 0 1 2 0 2 -1 1 0 0 0 -1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0	2 0 2 1 1 -1 0 0 0 0 -1 0 0 0 1 -1 0	20221 -10110-1102-1101-0	-15 -34 -22 -41 -33 -47 -8 -31 -20 -11 2 -20 -19 -21 -9 -14	8 7 4 15 4 -8 11 26 2 17 8 -10 -9 10 0 35 2	-7 -27 -18 -26 -29 -55 3 2 2 6 10 -42 -35 -30 -28 2 2 -21 26 -12	21 18 22 23 0 24 51 14 46 21 -13 2 0 8 29 11 52 35

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TENURE SYSTEM FACULTY, PERCENT CHANGE Class																												
	TOTAL		A L	MINORITY		TΥ	BLACK			ASIAN				HISPANIC			AW/P	I	2+			AI/AN			v		WHITE	
Year	Men	Wmn	Total	Men	Wmл	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Men	Wmn	Tot	Мел	Wmn	Tot	Total Total
1998 to 1999	-0.7	3.2	0.3	2.7	10.5	4,9	0.0	3.1	1.1	5.1	9.7	6.2	0,0	15.4	5.7							0.0	-	22.2	-1.2	1.9	-0.4	3.1
1999 to 2000	-1.8	2.1	-0.8	3.6	4.8	4.0	6.9	3.0	5.5	1.9	2.9	2.2	4.5	13.3	8.1							0.0	0.0	0.0	-2.6	1.6	-1.6	2.5
2000 to 2001	-0.6	1.7	0.0	6.5	5.7	6.3	3.2	-2.9	1.0	9.4	8,6	9.2	4.3	5.9	5.0							0.0	100.0	18.2	-1.8	0.9	-1.1	3.0
2001 to 2002	-2.8	4.1	-0.9	0.5	7.5	2.6	-6.3	0.0	-4,1	7.8	15.8	9.7	-20.8	0.0	-11.9							11.1	25.0	15.4	-3.3	3.4	-1.6	3.1
2002 to 2003	-1,9	2.2	-0.8	2.8	8.0	4.5	-5.0	6.1	-1.1	4.0	13,6	6.5	21.1	-5.6	8.1							0.0	20.0	6.7	-2.8	0.9	-1.8	2.3
2003 to 2004	-3.1	-0.9	-2.4	2.3	2.8	2.4	1.8	0,0	0.0	0.8	4.0	1.7	13.0	11.8	12.5							0,0	-16.7	-6.3	-4.1	-1.7	-3.4	0.0
2004 to 2005	-0.2	3.4	0.8	2.2	7.2	3.9	-1.7	28.6	9.7	1.5	-3.8	0.0	15.4	0.0	8.9							0,0	0.0	0.0	-0.7	2.4	0.2	3.0
2005 to 2006	1.1	5.8	2.5	7.4	6.7	7.2	5.3	0.0	2,9	6,8	10.0	7.7	13.3	15.8	14.3							10.0	0.0	6.7	-0.3	5.6	1.5	6.3
2006 to 2007	0.8	0.5	0.7	4.5	0.8	3.2	-5.0	-6.7	-5.7	8.5	9.1	8.6	2.9	-4.5	0.0							9.1	0.0	6.3	0.0	0.4	0.1	1.6
2007 to 2008	0.7	4.0	1.8	8.1	6.3	7.5	3.5	-9.5	-2.0	11.0	18.3	13.1	5.7	4.8	5,4							0,0	0,0	0.0	-1.0	3.5	0.4	5.2
2008 to 2009	0.7	2.2	1.1	2.5	4.4	3.1	1.7	-5,3	-1.0	2.9	4.2	3.3	5.4	22.7	11.9							-8.3	0,0	-5.9	0.2	1.6	0.6	2.3
2009 to 2010	-1.7	-2.3	-1.9	0.7	0.7	0.7	-10.0	-11.1	-10,4	-0.6	0.0	-0.4	10.3	3.7	7.6							18,2	-20.0	6.3	-2.4	-3.1	-2.6	-1.4
2010 to 2011	-2.3	0.3	-1.5	0.0	4.2	1.4	0.0	15.6	5.8	0.6	1.4	0.8	-4.7	0,0	-2.8							0.0	0,0	0.0	-2.9	-0.8	-2.2	0,2
2011 to 2012	-1.7	0.5	-1.0	-1.0	8.7	2.3	-7.4	13,5	1.1	0.0	8.0	2.4	2.4	7.1	4.3	0.0	0.0	0.0	100.0	0.0	28.6	-15.4	0,0	-11.8	-1,9	-2.0	-2.0	0.0
2012 to 2013	-0.9	0.2	-0.6	2.5	6.2	3.8	-2.0	2.4	0.0	1.1	8.6	3.5	16.7	3.3	11.1	0.0	50.0	50.0	0.0	0,0	0.0	-9.1	0,0	-6.7	-1,9	-1.9	-1.9	0.9
2013 to 2014	0.4	2.5	1.1	4.5	3.5	4.1	0.0	0.0	0.0	5.6	5.7	5.6	4,1	3.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	7.1	-0,8	2.1	0.1	3.1
2014 to 2015	-1.1	0.6	-0.5	2.3	2.2	2,3	0.0	-9.3	-4.3	1.6	-3.2	0.0	7,8	28,1	15.7	0.0	0.0	0.0	25.0	20.0	22.2	-9.1	25.0	0.0	-2.1	0.0	-1.4	1.1
2015 to 2016	0.2	6.0	2.2	3.8	2.7	3.4	2.0	-7.7	-2,3	5.2	8.9	6.4	5.5	4.9	5.2	50.0	0.0	33.3	-60.0	-16.7	-36.4	0.0	-20.0	-6.7	-0.9	7.2	1.8	5.3
2016 to 2017	0.5	2.0	1.1	6.5	6,4	6,5	0.0	-2.8	-1.2	9.5	11.2	10,0	3.4	2.3	3.0	0.0	0.0	0.0	0.0	20.0	14.3	0.0	0.0	0.0	-1.5	0.4	-0.8	3.4

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Key general points of the mid-semester review, as discussed by the Steering Committee:

- Feedback will be de-identified from students
- Feedback will only be seen by the faculty or the TA (whoever is teaching)
- The report will NOT be used for rating of instructors
- The report is not required but suggested
- AAN will assist with moving this forward and will post templates of mid-semester reports (ie: questions for students) on their website for faculty to access



#### Executive Summary; Mid-Semester Feedback Pilot

Lyman Briggs College, Spring Semester 2016 Lorenzo Santavicca, President, ASMSU

Since the 51<sup>st</sup> session, the Associated Students of Michigan State University (ASMSU) has advocated for all colleges at MSU to mandate a mid-semester feedback process. As the idea was introduced, a highly encouraged mid-semester feedback process by faculty peers and the Academic Advancement Network would allow for students to evaluate course content and the instructor's pedagogical methods prior to semester end SIRS forms. This would potentially increase student and instructor understanding of roles and course content attainment, as well as increased participation as a result of positive affirmations or changes suggested. An ideal process would be accessible and anonymous to all students, but also kept <u>confidential</u> from the Dean's units or other tenure and promotion mechanisms for faculty.

In the Spring Semester of 2016, Lyman Briggs College (a residential learning community devoted to studying the natural sciences and their impact on society) piloted a mid-semester feedback program. The Dean's Advisory Committee asked faculty to participate in a mid-semester feedback pilot per the request of the Provost and the Dean. The committee convened and discussed standardized questions to be used on the feedback form for the pilot initiative. The suggested feedback questions were compiled by members of the Dean's Advisory Committee, and were submitted to all faculty at the college. The pilot process was conducted prior to Spring Break. Instructors were given the freedom to conduct the survey before, during, or after class.

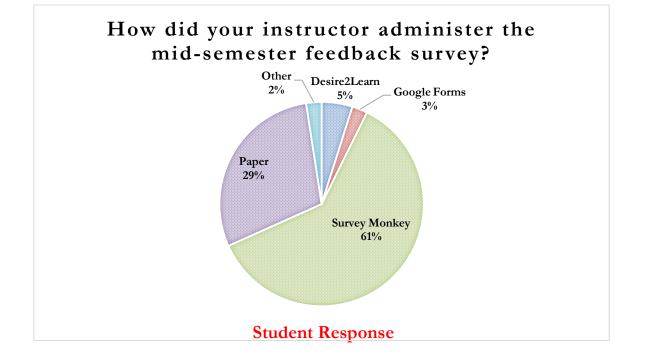
After Spring Break and near the end of the semester, ASMSU conducted feedback surveys following the piloted initiative to both Lyman Briggs faculty and students. The surveys were sent via email to all students in the college, as well as faculty members, and advertised to be completed by individuals who participated in, or administrated an LBC mid-semester feedback survey within the Spring semester. The surveys were designed to gauge the process and overall reactions from the college that participated in the pilot initiative. A total of **15 faculty members participated** (1 full professor in the tenure system, 3 associate professors in the tenure system, 5 assistant professors in the tenure system, 2 academic specialists, and 1 fixed term instructor). A total of **42 students participated** (22 freshmen, 6 sophomores, 8 juniors, and 5 seniors).

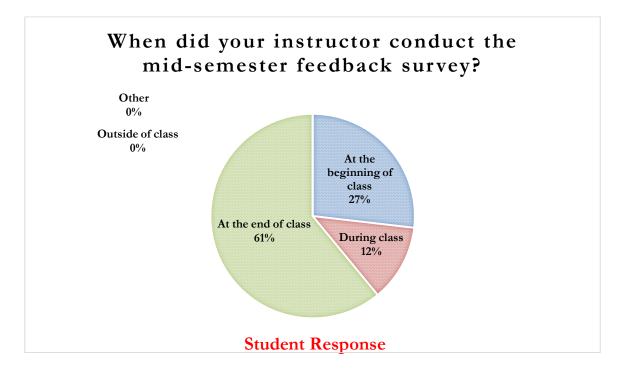
From the responses and feedback on the LBC piloted initiative, ASMSU can conclude that students have indicated a strong desire to see through to the efforts across the university in encouraging a mid-semester feedback process. Encouragement can be solicited through leaders of the colleges (i.e. Deans), Governance (Faculty Senate, COGS) and the Academic Advancement Network. Students believe that their comments related to the pedagogical structure of the class is valued at a higher level, the instructor demonstrates a concerted interest in student feedback, and a collaborative learning structure based on student input is fostered. Similarly, faculty believe this is an opportunity to affirm the current teaching style or structure of their class, and understand differences in learning strategies envisioned by the instructor versus the current strategies pursued by the students. ASMSU recommends a continued implementation with the remaining residential colleges, and then expansion into the larger core and professional colleges.



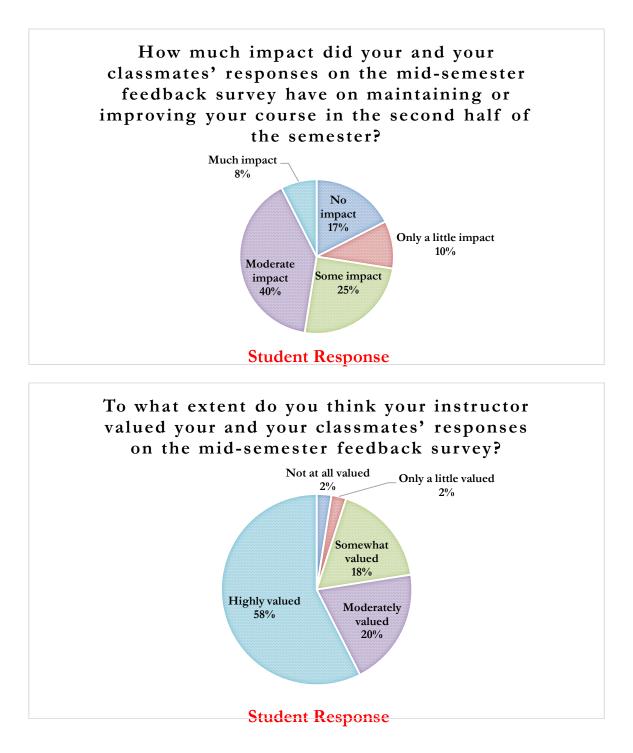
# STUDENT RESPONSES













## **STUDENT RESPONSE:** What sort of changes, if any, did you see in the second half of your course as a result of the mid-semester feedback survey process?

None/satisfied with course prior to survey so no recognizable changes made (6 responses)

Change of pace/teaching style; better presentation of the material (4 responses)

Putting PowerPoints up earlier; more visual aids (4 responses)

Asking people to engage in class discussions that haven't previously to speak up

More practice problems; problems at the end of PowerPoints to prepare for exams (3 responses)

More extra credit offered

Due dates of homework were made clearer

## **STUDENT RESPONSE:** How, if at all, did the mid-semester feedback survey help you better understand your role as a student?

Helped me realize I had a voice in future improvement of the class (9 responses)

Professor cares about student input (4 responses)

I can help the Professor improve the course, as much as the Professor can help me learn the material

Helped me realize what I can be doing better, rather than placing blame only on the instructor

It didn't (5 responses)

N/A (2 responses)

## **STUDENT RESPONSE:** How could LBC improve the content and/or administration process of the mid-semester feedback survey?

Actually implement what students suggest

Possibly do it earlier in the semester.

It was great.

Do it for labs

Emphasize the importance of student debrief

Have a before and after survey

Send out reminders until the professor has had the class do the survey.

Having a follow up to the form explaining what will change.

I think asking more detailed, specific questions would help. Also, telling students weeks or more in advance that they'll eventually be filling out the mid semester feedback survey would help - this would give them time to reflect on what changes they would like to see as class is happening; it was hard for me to think up answers to questions because I wasn't really attending to class in that way in the first half of the semester, if that makes sense.

Allow room for additional comments.

Ask questions that are better catered to the class

Maybe send it earlier or closer to when the survey was done



#### **STUDENT RESPONSE:** How would you suggest the larger MSU community implement a midsemester feedback survey process?

Require them online like with SIRS; most efficient this way (9 responses)

Every class should do this (4 responses)

Have all classes do this

Stressing it is not an evaluation of the professor, but suggestions for how to improve the course for the current students.

Promote it as a way to help professors understand their student's needs.

Through surveys online, I suppose. It would be hard to encourage people to participate in them, but I am not sure how else MSU could implement mid semester feedback.

Have them complete it in class or give a deadline

The same way that we did here. Just take the survey and review it so you can make the second half of the semester better

Remind the students it's coming in advance, so they have more time to reflect on the semester so far before they have to write something. I know I blank a lot when it's sprung on me, so I feel others might too.

**STUDENT RESPONSE:** Do you have any other comments at this time about the mid-semester feedback survey process?

I found them useless because no one will change their class halfway through.

One thing that is done in labs is a mid-semester CATME and I think that is very beneficial especially for group work.

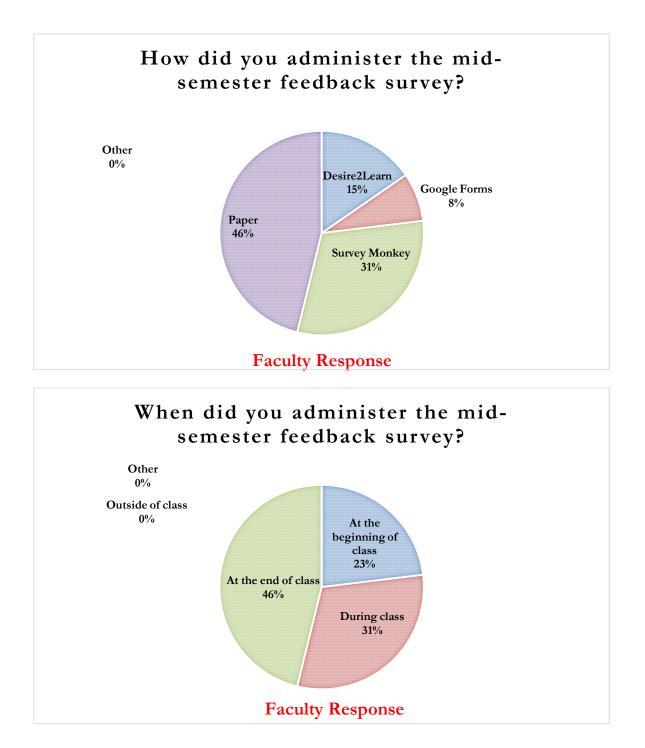
It could potentially be a very helpful tool if used correctly

It was very worthwhile.



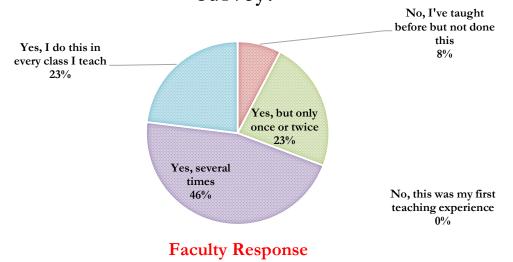
# FACULTY RESPONSES



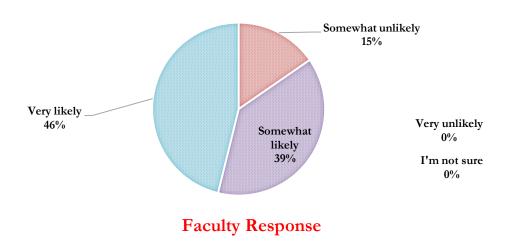




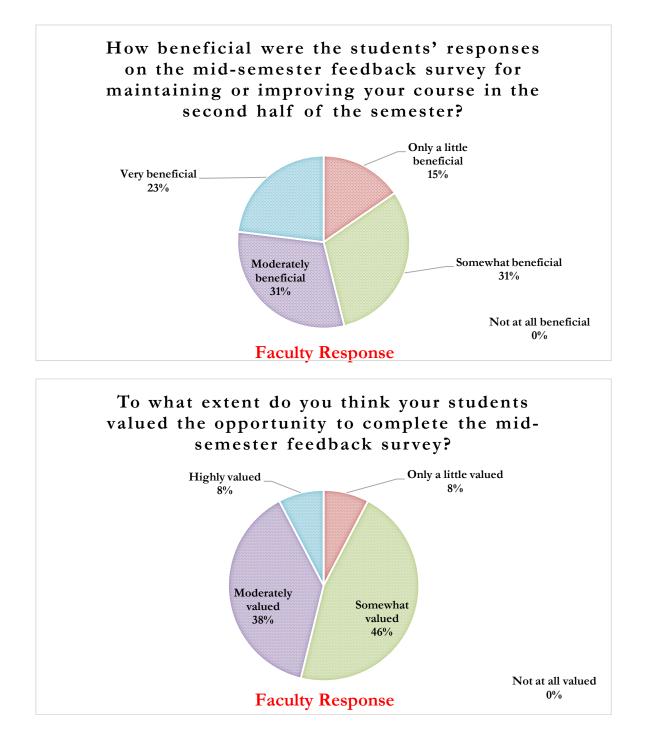
### In past semesters, have you administered some sort of mid-semester feedback survey?



How unlikely or likely are you to administer this type of standardized mid-semester feedback survey in your LBC classes in upcoming semesters?









## **FACULTY RESPONSE:** How, if at all, did the mid-semester feedback survey help you better understand the needs of your students? What sort of changes did you implement in your class as a result of the students' responses on the mid-semester feedback survey?

I retained some experimental methods and class structures, which I had previously been skeptical about, because of strong positive feedback. After the feedback, we had a nice class conversation about participation and there was a more balanced distribution of participation as a result.

It is principally useful as a retrospective tool, indicating which resources did or didn't work effectively. In one class, it served to identify problematic group dynamics that I as able to ameliorate through the way I designed course activities in the second half.

I altered the discussion format for the class a bit, and I also made a point of making more connections between the course material and current events and news items.

I took the feedback to be very affirming of what I was doing. There were no real surprises, and I did not make any changes. The REAL value, for me, was A) getting the students to do metacognition on their own learning habits and B) having a forum to show them that I care about their feedback

Their feedback was extremely valuable. In particular, I discovered that many of them felt they couldn't keep up with the discussion and didn't have enough opportunities to participate. I doubled my efforts to curb the overachievers and ensure full participation.

They provided a few examples of things that I could easily address. It also gave me the opportunity to explain why some things were not able to be changed.

It didn't. The students were extremely pleased with the course structure (they helped design it), so there were no substantive suggestions as we had been adjusting throughout the course.

I started using only black markers on the white board. This was the only real constructive feedback

The students' feedback was very positive in this spring 2016 class. It is the second time that I taught the course, and I made several changes based in large part on student feedback (mid-semester and end-of-semester) from the first time I taught the course. From the mid-semester feedback I received this time through the pilot LBC/ASMSU survey, it appears those changes had a positive effect on students' learning and satisfaction.

It helped me to understand that the students didn't necessarily have the same strategies for studying for the course that I thought they did. Therefore, I added in information about how students in the course studied for the exam 2 and what it meant for their exam 2 grade.

It was also useful to know what this particular group liked vs didn't like. I wasn't able to make too many changes here because it was a hectic semester, but I did try to give students more choice throughout. For example, polling them to ask if the course should be moving faster or slower for specific topics, etc. They seemed to appreciate that.

I typically use mid-semester feedback to gauge the balance between effort and learning gains for the readings, activities, and assignments completed to date. I found the standardized forms did not support this kind of assessment well because it did not prompt students to evaluate each activity separately but instead required students to recall the elements of the class they wanted to evaluate.

It was too general to be of much help. Mine are much more specific.



## FACULTY RESPONSE: How could LBC improve the content and/or administration process of the mid-semester feedback survey?

I have no complaints/it was done very well (2 responses)

This survey was somewhat less useful than the survey I normally give around mid-term. The vague, generic questions that initiated the survey meant that by the time my students got to my customized questions, which could have actually helped me address the specific needs of the specific class, they had run out of steam and had little to say. LBC students are over-surveyed, and so these tools need to be short, to the point, and precisely targeted. This survey cut down on the flexibility I previously enjoyed to use a survey that was targeted to the particular content of the course and the particular students in it. I didn't find the questions about the students' study skills to be particularly enlightening. Most of them said "do the readings before class" and "take notes during class." I think we should either remove these questions OR prime them in some way a few weeks beforehand.

I understand the desire to have this not be used in annual evaluations, however, it would be good if there were some way to identify if a course is completely going off the rails (there was an example of this in Fall 2015, which would have been good to be able to catch earlier). If there is no oversight mechanism, this approach will provide small benefit to most classes (which is highly valuable) but would still miss catastrophes if the instructor just doesn't care.

standardized using Survey Monkey

I'm not sure. It seems like a good process thus far.

I wasn't sure how to best present the mid-semester feedback back to the class. Most students had the same answers, but I never found the time to put all their responses into bar chart format. Instead I polled them again periodically with the clickers to ask what they wanted me to fix in class. Lack of structure is great in an eval so it fits both big lectures and small discussion classes, but I need to learn how to condense this information to be able to a) use it effectively and b) report this information more effectively to students.

I appreciate the guidance LBC gives in presenting the evaluations to students, but I think that guidance on creating my own custom survey would be more useful than the standardized form.

I think the questions are too vague, but each faculty member really needs to write their own questions, tailored to their own courses. Perhaps help or suggestions for this would be better.

#### **FACULTY RESPONSE:** How would you suggest the larger MSU community implement a midsemester feedback survey process?

Absolutely/Yes (3 responses)

However they want to; flexibility is good (2 responses)

The notion that a one-size-fits-all tool would be appropriate for all of MSU is deeply problematic. The most effective way to implement midterm feedback surveys would be to make procedures and samples available to instructors and to ENCOURAGE instructors to modify them to fit the needs of their individual classes. At core, this is an issue of academic freedom.

I'm thinking it might be useful to provide a website with a sample of the sort of mid-semester survey that faculty could do and some sample instructions for doing it. And perhaps the Provost's office could send out an email to all the faculty a little bit before the mid-point of the semester to let faculty know about the website with ideas for doing a mid-semester survey. That way faculty wouldn't feel that they had to do the survey, but it would be relatively easy to figure out how to do a survey if they wanted to.

anonymous surveys through D2L seem to work well.

It might be better to have suggested mid semester feedback forms that faculty can choose from, but also allow instructors to create their own surveys as desired. For example, a small discussion class might use the form from this year, but a large lecture class could choose a form that has structured responses (i.e.,



what are some strategies or techniques you used to help you learn. select as many as apply: a) hw, b) lecture notes, c) exams, d) book, e) tweak these for your course as you see fit, f) other \_\_\_\_\_). This way, in a large lecture class I can share the results with my students more easily without wasting time tallying results, but can still leave room for creativity in the "other" categories and open ended responses. It would be ideal to leave the process as flexible as possible.

I would suggest that it remain optional and that the standardized survey be considered a "template" or "example" rather than an unchangeable standard.

## **FACULTY RESPONSE:** Do you have any other comments at this time about the mid-semester feedback survey process?

Find a way to make sure that everybody does every semester. It's important.

Every effort must be made to ensure that the data generated from these surveys are never collected, and are never seen by anyone other than the instructors administering them. If the data exist, someone WILL find a way to use them as a benchmark or evaluation tool, and at that point their utility to instructors will be lost. To be honest, I find this whole exercise troubling. I had a well thought-out system in place that allowed me to tailor short, effective surveys to the needs of particular courses--courses with very different content, assignments, readings, and, most importantly, classes composed of very different INDIVIDUALS. This standardization effort has watered that system down. Forcing a generic, tepid tool on the MSU community will mean that instructors will treat this only as another box they have to check to make nice with the bureaucracy, and mid-term evaluations should be an instructor resource, not a box-checking exercise. The recommended procedures and best practices are good, and should be distributed widely, but I'd hope ASMSU would do everything in its power to ensure instructors maintain MAXIMUM flexibility in the type of surveys they administer.

I think it was great. For whatever reason, though, I analyzed the results a lot later than I usually do. I'd like to administer it sooner (middle of February) and have fewer obligatory questions. (There's a lot that I'd like to know from them, as well, but the form can quickly be overwhelming.

Personally, I'd like to see a question on the final course evaluation that addresses the question of if the instructor addressed mid-semester student concerns. Note, that this would not inherently require changes by the faculty member per say, but could simply be that they pointed out why certain issue (pace of course for example) could not be changed during the semester. In some cases changes, may well happen in response to the student comments.

#### MEMO

To: ASMSU From: UCGS Date: November 30, 2017

The Associated Students of Michigan State University (ASMSU) requested feedback from University Committee on Graduate Studies (UCGS) on their proposal to implement a mid-semester feedback process. The ASMSU proposal was reviewed and discussed by the UCGS Graduate Instruction, Employment and Mentoring Subcommittee and also by the full UCGS on two occasions (October 9, 2017 and November 6, 2017). The Subcommittee and UCGS also reviewed the survey instrument and the feedback from the Spring 2016 pilot test.

Based on discussions of the GIEM Subcommittee and the full UCGS committee, we have the following comments and suggestions.

- UCGS recognizes the potential usefulness of a process to gather mid-semester feedback
- UCGS does not support a mandated mid-semester feedback process.
- UCGS does support a recommended mid-semester feedback process in which guidance is provided by the Academic Advancement Network and/or the College of Education. Such guidance could include a discussion of best practices, a set of validated survey questions from which instructors could choose, and implementation guidance.
- UCGS recommends that ASMSU gather feedback from graduate students, including graduate student teaching assistants, to understand the implications of this proposal for graduate TAs.

Finally, UCGS recommends that mid-semester feedback surveys be considered as part of the overall discussion of the use of SIRS as a performance evaluation tool. The Ad Hoc committee evaluating the use of SIRS is tasked with considering the use of SIRS versus other evaluation tools, and as such, the recommendations of this Ad Hoc committee will be relevant in understanding the validity of tools such as mid-semester feedback surveys as compared to other methods of evaluation.

# MICHIGAN STATE

#### MEMORANDUM

То:	The University Steering Committee
Copied:	ASMSU, UCGS, UCFA, Academic Governance
From:	University Committee on Undergraduate Education,
	Richard J. Miksicek (Ph.D.), Chair
Date:	January 5, 2018

Feedback was requested from the ASMSU on their proposal to implement a midsemester feedback process. The ASMSU proposal was reviewed and discussed by the full UCUE committee on November 17, 2017 after circulation of the ASMSU Executive Summary containing information about the survey instrument and feedback from the Spring 2016 pilot undertaken by Lyman Briggs College. A variety of issues were discussed:

- pros and cons of an additional, broader follow-up study, expand to include the other residential colleges (RCAH, James Madision) in addition to LBC
- recommended timeline for broader implementation
- preferred feedback platforms (D2L, Qualtrix, etc.)
- importance of anonymity and challenges to maintaining anonymity in certain course formats (e.g., small enrollment courses, recitation sessions, one-on-one instructional situations in music, performance, and studio arts).
- issues with pseudo-quantitative ratings based on use of Leikert scales
- difficulty in crafting standardized questions applicable to different course formats, large vs small enrollment courses, lecture vs lab, etc
- inability to determine whether or not collecting mid-semester feedback actually improves course and teaching outcomes; should an additional pilot be run in which parallel sections (with and without mid-semester feedback) are compared using end-of semester SIRS results as an outcome measure
- formal or informal mid-semester feedback efforts already exist in some colleges, especially the professional colleges undergoing curricular revision
- potential value of using faculty liaisons within programs and departments to "champion" use of mid-semester feedback



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# MICHIGAN STATE

Based on these discussions, UCUE voted to endorse the following consensus recommendations:

1) Mid-Semester Feedback represents a "best practice" that is already being utilized voluntarily by many units; adoption by other units should be encouraged, but not required

2) Rather than imposing an institutionalized, one-size-fits-all solution to implement Mid-Semester Feedback for all types of instruction, this should be a voluntary practice, with specifics (including questions and platforms) that are left to the discretion of the individual instructor

3) The institutional goal should be to build and foster a culture among MSU faculty for soliciting student feedback early in the semester when there remains sufficient time to implement corrective measures

4) The best way to encourage broader adoption of this practice may be to develop one or two easy-to-adopt templates to anonymously solicit mid-semester feedback

5) UCUE suggests scaling down the questions from five to two, and possibly to solicit only open-ended feedback and forgo a system for quantitatively or qualitatively rating courses and instructions. The focus should be on improving student learning:

- As a student, what could you do in the remainder of the semester to help you learn more effectively?
- As an instructor, what could I do in the remainder of the semester to help you learn more effectively?

The following motion was proposed, seconded, and endorsed by the full UCUE committee:

"UCUE has reviewed and supports the program that ASMSU is promoting and suggests that it be expanded University wide, with the creation of a sample template of feedback questions suitable for large and small class settings." UCFA Mid-semester feedback.

At its meeting of 10/17/2017, the UCFA heard a presentation of the report of Lyman Briggs College's Mid-Semester Feedback project from Ewurama Appiagyei-Dankah, ASMSU Vice President for Academic Affairs.

The discussion that followed did not lead to a formal motion and resolution, but a consensus emerged as follows:

- 1. The UCFA recognized the value of mid-semester feedback for improving instructional methods, in both the short and long-term
- 2. Since its usefulness depends in some part on the methods of instruction being used, and so may vary from course to course, its use should be encouraged as appropriate, rather than required.
- 3. That since it is not designed to evaluate the quality of teaching, forms and processes specific to this purpose will also be needed, as may be recommended by the SIRS Ad Hoc Panel convened by the Steering Committee.