

Table 4C: Utilization Analysis Detail, Faculty Only

MSU Bozeman

Field*	Total Employed	Female (#)	Female (%)	Female Pool	<80%/Whole Person?	Female Deficiency	Minority (#)	Minority (%)	Minority Pool	<80%/Whole Person?	Minority Deficiency
College of Agriculture, MAES, Extension											
Agricultural Animal Breeding	2	1	50%	33%		-17%	0	0%	0%		0%
Agricultural Economics	8	0	0%	32%	Yes	32%	0	0%	17%	Yes	17%
Agricultural Sciences/Natural resources	100	51	51%	39%		-12%	0	0%	11%	Yes	11%
Agronomy and Crop Science	2	0	0%	30%		30%	0	0%	4%		4%
Animal Nutrition	4	1	25%	33%		8%	0	0%	13%		13%
Animal Sciences, Other	7	2	29%	35%		6%	0	0%	10%		10%
Economics	10	2	20%	30%		10%	0	0%	20%	Yes	20%
Entomology	7	2	29%	28%		0%	0	0%	10%		10%
Environmental Sciences	7	3	43%	45%		2%	0	0%	14%		14%
Horticultural Science	11	6	55%	41%		-14%	1	9%	14%		5%
Molecular Biology	20	5	25%	51%	Yes	26%	1	5%	20%	Yes	15%
Natural Resources/Conservation	12	1	8%	43%	Yes	35%	1	8%	5%		-3%
Plant Genetics	7	0	0%	55%	Yes	55%	0	0%	9%		9%
Plant Pathology/Phytopathology	5	0	0%	62%	Yes	62%	0	0%	13%		13%
Plant Physiology	2	0	0%	53%		53%	0	0%	60%		60%
Plant Sciences	16	2	13%	43%	Yes	31%	1	6%	9%		3%
Wildlife/Range Management	6	0	0%	25%	Yes	25%	0	0%	15%		15%
College of Arts and Architecture**											
Architecture	17	2	12%	40%	Yes	28%	0	0%	23%	Yes	23%
Art History, Criticism and Conservation	2	0	0%	74%	Yes	74%	0	0%	9%		9%
Cinematography and Film/Video Production	12	2	17%			-0.17	0	0%			0%
Fine and Studio Arts	9	3	33%			-0.33	0	0%			0%
Graphic Design	3	2	67%			-0.67	0	0%			0%
Music	11	3	27%	47%	Yes	20%	0	0%	11%		11%
Photography	4	1	25%			-0.25	0	0%			0%
College of Business											
Accounting	7	4	57%	46%		-11%	0	0%	15%		15%
Business Administration and Management	11	2	18%	39%	Yes	20%	1	9%	16%		7%
Marketing/Marketing Management	2	0	0%	43%		43%	0	0%	11%		11%

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College of Education, Health, and Human Development											
Counseling	4	3	75%	67%		-8%	0	0%	25%		25%
Education	26	13	50%	65%		15%	0	0%	21%	Yes	21%
Family and Consumer Sciences/Human Sciences	5	4	80%	75%		-5%	0	0%	0%		0%
Health Education	8	5	63%	67%		5%	0	0%	28%	Yes	28%
Human Development and Family Studies	6	6	100%	81%		-19%	1	17%	18%		1%
Kinesiology and Exercise Science	2	0	0%	43%		43%	0	0%	8%		8%
Nutrition Science	3	3	100%	81%		-19%	0	0%	17%		17%
College of Engineering											
Chemical Engineering and Related	13	1	8%	26%	Yes	18%	0	0%	22%	Yes	22%
Civil Engineering and Related	17	2	12%	22%		10%	0	0%	20%	Yes	20%
Computer and Information Science	7	0	0%	21%	Yes	21%	2	29%	17%		-12%
Electrical Engineering and Related	14	0	0%	15%	Yes	15%	0	0%	24%	Yes	24%
Industrial Engineering and Related	5	0	0%	29%	Yes	29%	1	20%	22%		2%
Mechanical Engineering and Related	8	1	13%	14%		1%	2	25%	20%		-5%

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College of Letters and Sciences											
American History	4	1	25%	41%		16%	0	0%	15%		15%
Anthropology	3	0	0%	57%	Yes	57%	0	0%	14%		14%
Applied Mathematics	8	1	13%	38%	Yes	25%	0	0%	17%	Yes	17%
Asian History	2	1	50%	38%		-13%	0	0%	27%		27%
Botany/Plant Biology	2	1	50%	52%		2%	0	0%	8%		8%
Cell/Cellular Biology and Histology	11	3	27%	51%	Yes	23%	0	0%	19%	Yes	19%
Chemistry	20	5	25%	34%		9%	0	0%	14%	Yes	14%
Ecology	14	2	14%	47%	Yes	32%	0	0%	5%		5%
English Language and Literatures	17	8	47%	58%		11%	0	0%	7%		7%
Foreign Languages and Literatures	8	5	63%	62%		-1%	0	0%	22%	Yes	22%
Geochemistry	1	0	0%	51%		51%	0	0%	13%		13%
Geography	4	1	25%	41%		16%	0	0%	8%		8%
Geology/Earth Science	10	1	10%	35%	Yes	25%	0	0%	7%		7%
History and Philosophy of Science and Technology	3	1	33%	45%		11%	0	0%	14%		14%
History	1	0	0%	41%		41%	0	0%	14%		14%
Humanities, Other	5	3	60%	68%		8%	2	40%	7%		-33%
Hydrology and Water Resources Science	1	0	0%	32%		32%	0	0%	0%		0%
Mathematics	11	2	18%	30%		11%	0	0%	13%	Yes	13%
Microbiology	14	3	21%	52%	Yes	31%	0	0%	17%	Yes	17%
Philosophy	6	1	17%	29%		12%	0	0%	9%		9%
Physics	26	4	15%	17%		1%	2	8%	10%		2%
Political Science and Government	6	3	50%	36%		-14%	0	0%	16%		16%
Psychology	5	0	0%	71%	Yes	71%	0	0%	20%		20%
Religion/Religious Studies	2	2	100%	27%		-73%	0	0%	14%		14%
Sociology	8	4	50%	62%		12%	0	0%	20%	Yes	20%
Statistics	6	0	0%	44%	Yes	44%	0	0%	16%		16%

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College of Nursing											
Nursing	18	17	94%	92%		-2%	0	0%	14%	Yes	14%
Libraries	15	8	53%	47%		-7%	0	0%	14%	Yes	14%
Montana AHEC**	1	0	0%				0	0%			

Source: Survey of Earned Doctorates (SED), 2005, National Science Foundation