

NSF ADVANCE TABLES

Table 1. Number and Percent of Women Tenured and Tenure Track Faculty in Science/Engineering and Social and Behavioral Sciences by Rank and Department

	Women			Men			% Women		
	Full	Associate	Assistant	Full	Associate	Assistant	Full	Associate	Assistant
Agricultural Sciences	19	22	22	68	54	33	22%	29%	40%
Agricultural Communications	0	1	0	0	0	0		100%	
Agricultural Education and Agricultural Sciences	0	1	0	1	2	0	0%	33%	
Animal and Rangeland Sciences	2	1	1	4	7	7	33%	13%	13%
Applied Economics	1	2	1	8	5	3	11%	29%	25%
Biological & Ecological Engineering*	0	2	0	3	3	2	0%	40%	0%
Botany and Plant Pathology	2	1	2	14	2	5	13%	33%	29%
Crop and Soil Science	4	1	8	12	10	3	25%	9%	73%
Environmental and Molecular Toxicology	3	1	1	7	3	0	30%	25%	100%
Fisheries and Wildlife	3	4	4	9	8	5	25%	33%	44%
Food Science and Technology	2	2	3	7	3	1	22%	40%	75%
Horticulture	2	6	2	3	11	7	40%	35%	22%
Earth, Atmospheric, and Ocean Sciences	8	3	7	41	14	8	16%	18%	47%
Education (Science and Mathematics Education)	2	2	2	4	1	0	33%	67%	100%
Engineering	11	10	14	55	37	48	17%	21%	23%
Chemical, Biological and Environmental Engineering	1	2	3	10	5	7	9%	29%	30%
Civil and Construction Engineering	1	1	4	13	10	6	7%	9%	40%
Electrical Engineering and Computer Science	2	4	2	15	12	17	12%	25%	11%
Mechanical, Industrial, and Manufacturing Engineering	6	2	5	11	8	17	35%	20%	23%
Nuclear Engineering and Radiation Health Physics	1	1	0	6	2	1	14%	33%	0%
Forestry	5	3	8	28	18	8	15%	14%	50%
Forest Ecosystems and Society	3	3	3	9	7	1	25%	30%	75%
Forest Engineering, Resources and Management	1	0	3	11	8	6	8%	0%	33%
Wood Science and Engineering	1	0	2	8	3	1	11%	0%	67%
Science	22	8	14	42	21	23	34%	28%	38%
Biochemistry and Biophysics	1	1	2	5	5	2	17%	17%	50%
Chemistry	3	0	2	7	4	3	30%	0%	40%
Integrative Biology	7	0	2	7	2	6	50%	0%	25%
Mathematics	4	2	3	14	3	3	22%	40%	50%
Microbiology**	2	1	1	5	1	2	29%	50%	33%
Physics	3	1	1	3	5	3	50%	17%	25%
Statistics**	2	3	3	1	1	4	67%	75%	43%
STEM TOTAL	67	48	67	238	145	120	22%	25%	36%
Liberal Arts (SBS Total)	10	16	14	13	13	15	43%	55%	48%
School of Language, Culture, and Society***	4	6	4	2	5	5	67%	55%	44%
School of Psychological Science	1	2	4	2	2	3	33%	50%	57%
School of Public Policy	5	8	6	9	6	7	36%	57%	46%

Source: Oregon State University Office of Institutional Research, using Data Warehouse and Banner Information System, active staff on November 1, 2016, including faculty on sabbatical leave.

Bolded data summarize headcounts for college level, while schools and departments within the college are listed separately.

* Joint with Engineering but listed only in Ag Sciences for convenience.

** College of Ag Science with these disciplines are counted in College of Science only

*** excluding World Language faculty

Table 2. Number and Percent of Women by Tenure Status (non-tenure includes fixed-term professors, research associates and full-time instructors; excludes post doctoral researchers and faculty research assistants) in Science, Engineering and Mathematics and Social and Behavioral Sciences by Department

	Tenured/Tenure Track			Non-tenure Track instruction/research			% of Women in non-tenure track position
	All	Women	% Women	All	Women	% Women	
Agricultural Sciences	218	63	29%	118	54	46%	46%
Agricultural Communications	1	1	100%	0	0		0%
Agricultural Education and Agricultural Sciences	4	1	25%	0	0		0%
Animal and Rangeland Sciences	22	4	18%	12	7	58%	64%
Applied Economics	20	4	20%	8	4	50%	50%
Biological & Ecological Engineering*	10	2	20%	2	0	0%	0%
Botany and Plant Pathology	26	5	19%	20	11	55%	69%
Crop and Soil Science	38	13	34%	25	13	52%	50%
Environmental and Molecular Toxicology	15	5	33%	8	2	25%	29%
Fisheries and Wildlife	33	11	33%	24	7	29%	39%
Food Science and Technology	18	7	39%	5	2	40%	22%
Horticulture	31	10	32%	14	8	57%	44%
Earth, Atmospheric, and Ocean Sciences	81	18	22%	42	15	36%	45%
Education (Science and Mathematics Education)	11	6	55%	4	2	50%	25%
Engineering	175	35	20%	57	21	37%	38%
Chemical, Biological and Environmental Engineering	28	6	21%	7	2	29%	25%
Civil and Construction Engineering	35	6	17%	7	3	43%	33%
Electrical Engineering and Computer Science	52	8	15%	24	8	33%	50%
Mechanical, Industrial, and Manufacturing Engineering	49	13	27%	16	7	44%	35%
Nuclear Engineering and Radiation Health Physics	11	2	18%	3	1	33%	33%
Forestry	70	16	23%	25	8	32%	33%
Forest Ecosystems and Society	26	9	35%	19	7	37%	44%
Forest Engineering, Resources and Management	29	4	14%	5	1	20%	20%
Wood Science and Engineering	15	3	20%	1	0	0%	0%
Science	130	44	34%	87	36	41%	45%
Biochemistry and Biophysics	16	4	25%	11	4	36%	50%
Chemistry	19	5	26%	17	6	35%	55%
Integrative Biology	24	9	38%	16	9	56%	50%
Mathematics	29	9	31%	24	8	33%	47%
Microbiology**	12	4	33%	8	5	63%	56%
Physics	16	5	31%	7	2	29%	29%
Statistics**	14	8	57%	4	2	50%	20%
STEM TOTAL	685	182	27%	333	136	41%	43%
Liberal Arts (SBS Total)	81	40	49%	27	18	67%	31%
School of Language, Culture, and Society***	26	14	54%	13	9	69%	39%
School of Psychological Science	14	7	50%	7	5	71%	42%
School of Public Policy	41	19	46%	7	4	57%	17%

Source: Oregon State University Office of Institutional Research, using Data Warehouse and Banner Information System, active staff on November 1, 2016, including faculty on sabbatical leave.

Bolded data summarize headcounts for college level, while schools and departments within the college are listed separately.

* Joint with Engineering but listed only in Ag Sciences for convenience.

** College of Ag Science with these disciplines are counted in College of Science only

*** excluding World Language faculty

Table 3: Tenure Review Outcomes by Gender – STEM Fields*						
Year: 2015-2016						
	# Reviews		# Approvals		# Denials	
	Women	Men	Women	Men	Women	Men
Agricultural Sciences						
Agricultural Education and General Agriculture			1			
Animal and Rangeland Sciences			1	2		
Applied Economics				1		
Botany and Plant Pathology			1	1		
Crop and Soil Sciences				1		
Horticulture				1		
Earth, Atmospheric and Ocean Sciences				3		
Engineering						
Civil and Construction Engineering				3		
Electrical Engineering and Computer Science				2		
Mechanical, Industrial, and Manufacturing Engineering				1		
Forestry						
Forest Engineering and Resources				2		
Science						
Chemistry			1	1		
Mathematics				1		
Microbiology			1			
Physics				1		
Statistics			1			

Table 3: Tenure Review Outcomes by Gender – SBS Fields*

Year: 2015-2016

Liberal Arts						
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Language, Culture and Society				1		
Psychological Science			1	1		
Public Policy			2	1		

Table 4a: Promotion Review Outcomes by Gender: Assistant to Associate Professor – STEM Fields						
Year: 2015-2016						
# Reviews			# Approvals		# Denials	
	Women	Men	Women	Men	Women	Men
Agricultural Sciences						
Agricultural Education and General Education			1			
Animal and Rangeland Sciences				1		
Botany and Plant Pathology			1			
Horticulture				1		
Earth, Atmospheric and Ocean Sciences				1		
Engineering						
Electrical Engineering and Computer Science				1		
Forestry						
Forest Engineering and Resources				1		
Science						
Chemistry				1		
Mathematics				1		
Microbiology			1			
Statistics			1			

TABLE 4A: Promotion Review Outcomes by Gender: Assistant to Associate Professor - SBSFields*

Year: 2015-2016

Liberal Arts						
Language, Culture and Society				1		
Public Policy			2	1		

Table 4b: Promotion Review Outcomes by Gender: Associate to Full Professor – STEM Fields*						
Year: 2015-2016						
# Reviews			# Approvals		# Denials	
Agricultural Sciences	Women	Men	Women	Men	Women	Men
Applied Economics				1		
Animal and Rangeland Sciences			1	1		
Botany and Plant Pathology				1		
Crop & Soil Science				1		
Earth, Atmospheric and Ocean Sciences				1		
Engineering						
Civil and Construction Engineering				2		
Electrical Engineering and Computer Science				1		
Mechanical, Industrial and Manufacturing Engineering				1		
Science						
Chemistry			1			

Table 4b: Promotion Review Outcomes by Gender: Associate to Full Professor – SBS Fields*

Year: 2015-16

Liberal Arts						
Psychological Science			1	1		

**Table 5a. Years in Rank at the Associate Professor Level for STEM and SBS Faculty:
those hired as ASSISTANT PROFESSORS**

Years in rank	STEM				SBS			
	Women		Men		Women		Men	
	n	%	n	%	n	%	n	%
0 - 2	0	0%	13	13%	0	0%	1	9%
3 - 5	20	57%	40	39%	3	30%	1	9%
6 - 8	4	11%	13	13%	1	10%	5	45%
9 - 11	6	17%	17	17%	3	30%	2	18%
12 - 14	2	6%	1	1%	1	10%	0	0%
15 or more	3	9%	19	18%	2	20%	2	18%

For those with 15 or more, statistics on actual years

range	-	21	-	-
mean	-	21.4	-	-
std dev	-	5.7	-	-
median	-	21.1	-	-

**Table 5b. Years in Rank at the Associate Professor Level for STEM and SBS Faculty:
those hired as ASSOCIATE PROFESSORS**

Years in rank	STEM				SBS			
	Women		Men		Women		Men	
	n	%	n	%	n	%	n	%
0 - 2	9	69%	23	55%	4	67%	1	50%
3 - 5	2	15%	9	21%	1	17%	1	50%
6 - 8	0	0%	1	2%	1	17%	0	0%
9 - 11	0	0%	2	5%	0	0%	0	0%
12 - 14	1	8%	2	5%	0	0%	0	0%
15 or more	1	8%	5	12%	0	0%	0	0%

For those with 15 or more, statistics on actual years

range	-	7	-	-
mean	-	20.7	-	-
std dev	-	3	-	-
median	-	20.3	-	-

Source: Oregon State University Office of Institutional Research, using Data Warehouse and Banner Information System, active staff on November 1, 2015, including faculty on sabbatical leave.

Table 6. Voluntary, Non-retirement Attrition, by Year, College, Rank and Gender

	Assistant		Associate		Full	
	Women	Men	Women	Men	Women	Men
2011						
Agricultural Sciences	1	1	0	0	0	2
Earth, Atmospheric, and Ocean Sciences	0	0	0	0	0	0
Education (Science and Mathematics Education)	0	0	0	0	0	0
Engineering	0	0	0	0	0	0
Forestry	0	0	0	0	0	0
Science	0	1	0	0	0	1
STEM Total	1	2	0	0	0	3
Liberal Arts (SBS Total)	0	0	0	0	0	1
2012						
Agricultural Sciences	3	3	0	1	0	1
Earth, Atmospheric, and Ocean Sciences	0	0	0	0	0	0
Education (Science and Mathematics Education)	0	0	0	0	0	0
Engineering	1	0	0	2	0	0
Forestry	0	1	0	0	0	0
Science	0	0	0	0	0	0
STEM Total	4	4	0	3	0	1
Liberal Arts (SBS Total)	0	1	1	0	0	0
2013						
Agricultural Sciences	1	2	0	0	0	3
Earth, Atmospheric, and Ocean Sciences	0	0	0	0	0	0
Education (Science and Mathematics Education)	0	1	1	0	0	0
Engineering	0	0	1	1	0	0
Forestry	0	0	0	0	0	1
Science	1	0	0	0	0	0
STEM Total	2	3	2	1	0	4
Liberal Arts (SBS Total)	1	0	0	1	0	0
2014						
Agricultural Sciences	0	1	0	2	0	1
Earth, Atmospheric, and Ocean Sciences	0	0	0	0	1	1
Education (Science and Mathematics Education)	0	0	0	0	0	0
Engineering	0	0	0	1	0	0
Forestry	0	0	0	0	0	0
Science	0	0	0	0	0	0
STEM Total	0	1	0	3	1	2
Liberal Arts (SBS Total)	3	0	0	0	0	1
2015						
Agricultural Sciences	0	0	0	1	0	1
Earth, Atmospheric, and Ocean Sciences	0	1	0	0	0	0
Education (Science and Mathematics Education)	0	0	0	0	0	1
Engineering	1	1	0	2	1	2
Forestry	0	0	0	1	0	0
Science	0	0	0	0	0	0
STEM Total	1	2	0	4	1	4
Liberal Arts (SBS Total)	0	0	0	0	1	0
2016						
Agricultural Sciences	1	0	0	3	0	2
Earth, Atmospheric, and Ocean Sciences	0	0	0	0	0	0
Education (Science and Mathematics Education)	0	0	0	0	0	0
Engineering	0	4	0	0	0	1
Forestry	0	1	0	0	0	0
Science	0	0	0	0	0	0
STEM Total	1	5	0	3	0	3
Liberal Arts (SBS Total)	0	0	0	0	0	0

Source: Oregon State University Office of Institutional Research, using Data Warehouse and Banner Information System

Excludes tenure track faculty that were denied tenure; includes those that left their tenure-track/tenured position but stayed on in fixed-term research or professional positions. Tenured faculty that were removed from administrative positions and subsequently left their tenured position are counted as voluntary departers from the tenure role.

Table 7. New Hires in STEM and SBS, by Year, College, Rank and Gender

	Assistant			Associate			Full		
	Women	Men	% Women	Women	Men	% Women	Women	Men	% Women
2010-11									
Agricultural Sciences	1	1	50%	1	0	100%	0	3	0%
Earth, Atmospheric, and Ocean Sciences	1	0	100%	0	0		0	1	0%
Education (Science and Mathematics Education)	0	0		0	0		0	0	
Engineering	0	2	0%	0	1	0%	0	0	
Forestry	0	0		0	0		0	0	
Science	1	1	50%	0	0		0	0	
STEM Total	3	4	43%	1	1	50%	0	4	0%
Liberal Arts (SBS Total)	2	0	100%	0	0		0	0	
2011-12									
Agricultural Sciences	0	3	0%	0	0		0	2	0%
Earth, Atmospheric, and Ocean Sciences	2	1	67%	0	2	0%	0	0	
Education (Science and Mathematics Education)	1	0	100%	0	0		0	0	
Engineering	0	7	0%	0	1	0%	0	0	
Forestry	0	2	0%	0	0		0	1	0%
Science	5	8	38%	0	1	0%	0	0	
STEM Total	8	21	28%	0	4	0%	0	3	0%
Liberal Arts (SBS Total)	5	3	63%	0	0		1	0	
2012-13									
Agricultural Sciences	5	4	56%	0	0		0	1	0%
Earth, Atmospheric, and Ocean Sciences	1	0	100%	0	2	0%	0	0	
Education (Science and Mathematics Education)	1	1	50%	0	0		0	1	0%
Engineering	2	13	13%	1	3	25%	1	0	100%
Forestry	1	4	20%	0	0		0	1	0%
Science	2	5	29%	1	0	100%	0	0	
STEM Total	12	27	31%	2	5	29%	1	3	25%
Liberal Arts (SBS Total)	3	5	38%	0	0		0	1	0%
2013-14									
Agricultural Sciences	3	5	38%	0	3	0%	0	1	0%
Earth, Atmospheric, and Ocean Sciences	1	2	33%	0	2	0%	0	1	0%
Education (Science and Mathematics Education)	0	0		0	0		1	0	100%
Engineering	4	13	24%	0	1	0%	0	1	0%
Forestry	2	0	100%	0	0		1	0	100%
Science	3	6	33%	0	1	0%	1	2	33%
STEM Total	13	26	33%	0	7	0%	3	5	38%
Liberal Arts (SBS Total)	0	2	0%	1	1	50%	0	0	
2014-15									
Agricultural Sciences	3	4	43%	0	1	0%	1	1	50%
Earth, Atmospheric, and Ocean Sciences	1	1	50%	0	1	0%	0	0	
Education (Science and Mathematics Education)	0	0		0	0		0	0	
Engineering	1	13	7%	1	1	50%	0	2	0%
Forestry	0	5	0%	0	1	0%	0	0	
Science	2	5	29%	0	0		1	1	50%
STEM Total	7	28	20%	1	4	20%	2	4	33%
Liberal Arts (SBS Total)	3	4	43%						
2015-16									
Agricultural Sciences	3	7	30%	0	0		1	1	50%
Earth, Atmospheric, and Ocean Sciences	1	1	50%	0	0		0	0	
Education (Science and Mathematics Education)	0	0		0	0		0	0	
Engineering	6	6	50%	1	0	100%	1	0	100%
Forestry	2	1	67%	0	0		0	0	
Science	2	1	67%	0	0		1	0	100%
STEM Total	14	16	47%	1	0	100%	3	1	75%
Liberal Arts (SBS Total)	4	2	67%	1	0	100%	0	0	
2016-17 (As of March 10, 2017)									
Agricultural Sciences	6	12	33%	0	0		0	0	
Earth, Atmospheric, and Ocean Sciences	1	4	20%	0	0		1	0	100%
Education (Science and Mathematics Education)	0	0		0	0		0	0	
Engineering	2	4	33%	0	0		2	1	67%
Forestry	4	0	100%	0	0		0	0	
Science	1	0	100%	0	0		0	1	0%
STEM Total	14	20	41%	0	0		3	2	60%
Liberal Arts (SBS Total)	2	0	100%	1	0	100%	0	1	0%

Source: Oregon State University Office of Institutional Research, using Data Warehouse and Banner Information System

Table 8. Faculty Leadership Positions

	All Faculty	Number of Women Faculty		
		All	STEM	SBS
Tenured Full Professors	428	124	71	11
Full Professors (non-tenured)	1	0	0	0
STEM Department/School Heads	34	15	11	NA
SBS Department/School Heads	34	15	NA	0
Deans	13	5	3	0
Associate Deans	27	11	4	0
Center Directors	43	16	7	2
President, Vice-Presidents, Provost, Vice-Provosts	8 (Ed Ray, Susan Capalbo, Jennifer Dennis, Mark Hoffman, Becky Johnson, Scott Reed, Susana Rivera-Mills, Cynthia Sagers)	5	4 (Susan, Jennifer, Becky, Cynthia)	1 (Susana)
Endowed/Named Chairs	24	7	2	0
Promotion & Tenure Committees				
Powerful Committee 1				
Powerful Committee 2				
Powerful Committee 3				

Data based on Professorial rank positions only