

**Biosystems and Agricultural Engineering
Faculty Snapshot FY 2023**

All Faculty by Title Series

Title Series	Faculty	Percent
Adjunct	6	20%
Clinical	0	0%
Extension	5	17%
Lecturer	1	3%
Part-Time	4	13%
Post-Retirement	1	3%
Regular	13	43%
Research	0	0%
Special	0	0%
Total	30	100%

Full-Time Faculty by Rank

Rank	Faculty	Percent
Professor	9	47%
Associate	4	21%
Assistant	5	26%
Lecturer	1	5%
Senior Lecturer	0	0%
Total	19	100%

Full Time Faculty DOE for CPM 2.0 Groups

	Faculty
Instruction > 10 %	12
Research > 10%	17

Full Time Faculty FTEs

	FTE
Instruction	4.53
Research	7.89
Service	3.68
Administration	1.9
Prof. Development	0

All Faculty by Full-Time/Part-Time Status

FT/PT Status	Faculty	Percent
Full-time	19	63%
Part-time	11	37%

Full-Time Faculty by Assignment Period

Assignment Period	Faculty	Percent
12 month	14	74%
9 month	3	16%

Full-Time Faculty Credentials

Credentials	Faculty	Percent
Ph.D.	19	100%
Ph.D. and DVM	0	0%
DVM	0	0%
Ed.D.	0	0%
Master's	0	0%

Full-Time Faculty by Tenure Status

Tenure Status	Faculty	Percent
Tenured	13	68%
Tenure Eligible	5	26%
Not Eligible	1	5%

Full-Time Faculty by Years of Service

Years	Faculty	Percent
< 4	2	11%
4-6	2	11%
7-9	5	26%
10-12	2	11%
13-15	1	5%
16-18	1	5%
19-21	0	0%
22-24	3	16%
25-27	1	5%
28-30	1	5%
> 30	1	5%

Full-Time Faculty by Age

Age	Faculty	Percent
20-29	0	0%
30-39	6	32%
40-49	4	21%
50-59	4	21%
60-65	2	11%
>65	3	16%

Full-Time Faculty Characteristics

	Faculty	Percent
Female	6	32%
Male	13	68%
URM	2	11%
Not URM	17	89%
CPM 2.0 Group	9	47%
Not CPM 2.0 Group	10	53%

2022-2023 Degrees Awarded

	Total	Female	Male	URM	1st Gen
Bachelor's	19	11	8	1	4
Master's	8	4	4	1	4
Doctoral	3	1	2	1	0
INFEW Cert	21	12	9	4	2
SWS Cert.	0	0	0	0	0
*Total	30	16	14	7	10

*Certificate programs not included in total count

2022-2023 Enrollment (majors)

	Total	Female	Male	URM	1st Gen
Bachelor's	76	40	36	11	11
Master's	16	9	7	2	3
Doctoral	11	5	6	1	0
Post-Doc	2	0	2	0	0
Total	105	54	51	14	14

2022-2023 Attempted/Earned Student Credit Hours

	Total	Fall	Spring	Sum/Wint
Attempted Inst. SCH	1,975	845	1,076	54
Earned Inst. SCH	1,843	782	1,013	48
% Earned	93.3%	92.5%	94.1%	88.9%
Attempted Dept. SCH	1,333	569	749	15
Earned Dept. SCH	1,282	548	719	15

Inst. SCH includes all student credit hours associated with instructors budgeted in the department, regardless of where the course is listed. Dept. SCH include all student credit hours associated with courses listed in the department and with BAE prefix in Engineering, regardless of who teaches the course.

FY 2023 Direct Awards/Faculty Ratio

	Total FT Faculty	FTE Research Fac.
	19	7.89
Total	\$3,750,292	\$3,750,292
Average	\$197,384	\$475,322

FY 2023 Fiscal Year Grants

Direct Awards	\$3,750,292
Federal Competitive	\$3,549,049
% Federal Competitive	95%
Collaborative	\$12,844,460

Degrees Awarded Five-Year Trend

	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Bachelor's	42	24	28	22	19
Master's	9	5	6	10	8
Doctoral	2	1	4	2	3
INFEW Cert	N/A	N/A	N/A	N/A	21
SWS Cert.	3	6	4	0	0
*Total	53	30	38	34	30

Enrollment (majors) Five-Year Trend

	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Bachelor's	157	130	106	80	76
Master's	13	19	14	15	16
Doctoral	12	17	13	13	11
Post-Doc	0	0	3	3	2
Total	182	166	136	111	105

Direct Awards Five-Year Trend

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
\$1,119,214	\$1,496,539	\$4,857,728	\$4,339,028	\$3,750,292

FY23 awards and expenditures include awards housed in NIOSH with PI in BAE.

Grant Expenditures Five-Year Trend

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
\$1,434,827	\$1,495,837	\$2,524,552	\$3,676,892	\$3,452,948

Fiscal Year State Fund Balance Percentage Five-Year Trend

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
11.16%	11.38%	13.09%	13.76%	23.72%

Research Faculty w/Formula Funded Projects

≥25% Research DOE faculty	14
Faculty with Active Project	7
Percentage	50%

FY 2023 Publications

Books and Chapters	1
Journal Articles	41

FY 2023 Patents

	0
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KERS Contacts Five-Year Trend

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
African Am.	765	0	185	51	232
Asian Am.	41	0	2	1	7
Hispanic	900	0	0	2	50
Native Am.	10	0	0	0	0
Other	0	0	0	0	0
Total Contact	29,394	0	2,777	1,820	3,279

KERS Number of Success Stories Five-Year Trend

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Number	11	0	3	6	9

FY 2023 Ext. pubs/Faculty Ratio

	Total FT Faculty	FTE Serv. Faculty
	19	3.68
Total Ext. pubs	4	4
Average	0.21	1.09

Direct Awards Five-Year Trend

