



The Physiologist

INSIDE

APS Launches

Stopgap

Fellowship

Program

p. 92

AAMC Survey

Results

p. 98

Opening up Open

Access: Weaving

the "Author Pays"

Safety Net

p. 106

APS Testifies

Before Congress

on FY 2008

Funding

p. 108

Association of Chairs of Departments of Physiology 2006 Survey Results

Richard L. Moss and William S. Spielman
University of Wisconsin and Michigan State University

The Association of Chairs of Departments of Physiology annual survey was emailed to 184 physiology departments throughout the US, Canada, and Puerto Rico. A total of 71 surveys were returned, for a response rate of 38.5%. This rate is almost identical to that of the 2005 survey (39%). Of the 71 surveys returned, there were 22 public and 49 private medical schools.

The data provides the reader with general trends of faculty, overall departmental budgets, and space available for research. As a reminder, beginning in 2004, ACDP decided not to include faculty salary information in this report. Because of the limited response rate and variability in departments responding on a year-by-year basis and the completeness of the AAMC salary data, which is more generally used, the ACDP Council decided to no longer collect or report this data. Data are still provided though on tenure, gender, and ethnicity of faculty (Table 1). Also included

in Table 1 for the first time is information on the average number of contact hours for faculty and on the type of medical physiology course being taught.

Student/trainee information is provided by ethnicity for predoctoral and postdoctoral categories, as well as predoctoral trainee completions, stipends provided, and type of support (Table 2).

Institutional information is provided in Table 3. Departmental budget information (Table 4) shows type of support, faculty salaries derived from grants along with negotiated indirect costs to the departments. Table 5 ranks responding Institutions according to their total dollars, research grant dollars, and departmental space. Space averages are presented as research, administration, teaching and other.

For an update of AAMC salary data, please see the accompanying article.

(continued on page 93)

Faculty Information

Faculty Summary (n=1,322)

	Male	Female	Total
Asian/Pacific Islander	129	42	171
Black (not Hispanic)	6	4	10
Hispanic	27	13	40
Native American	0	0	0
White (not Hispanic)	799	245	1,044
Foreign National	37	20	57
Total	998	324	1,322

Medical Physiology Course Type

	Yes	No	Total Responded
Integrated Disciplines	38	30	68
Traditional	45	24	69
Within Traditional	44	25	69

Tenure Status in each department by degree

	Tenured	Not Tenured	Not Eligible	Total
MD	24	0	12	36
PhD	834	22	344	1,200
2 Doctorates	42	2	16	60
Other	9	0	18	27
Total	909	24	390	1,323

For your faculty, what is the average number of hours of student contact (per year) for:

	Student Type	Average (hours)	Number (inst.)
Lab Hours	Graduate	264	41
	Medical	17	40
	Other	56	20
Lectures	Graduate	180	68
	Medical	596	70
	Other	63	44
Small Group	Graduate	49	45
	Medical	43	60
	Other	22	16

Teaching Interactions

MD/DO	69
DDS	23
DVM	3
Allied Health	36
Pharmacy	18
Other Biomedical	47
Life Science	36
Bioengineering	26
Other	20

Student/Trainee Information

Student/Trainee Summary

US citizen/resident aliens

Predoctoral male	429	Postdoctoral male	186
Predoctoral female	478	Postdoctoral female	153

Foreign

Predoctoral male	211	Postdoctoral male	376
Predoctoral female	232	Postdoctoral female	254

Ethnicity of each pre- postdoctoral student/trainee

	Pre-doctoral		Postdoctoral	
	Male	Female	Male	Female
Native American	10	9	1	1
Asian/Pacific Islander	40	51	29	27
Black (not Hispanic)	21	37	12	10
Hispanic	16	23	9	11
White (not Hispanic)	342	358	135	104

US Citizen/Resident alien postdoctoral trainee completions:

	Male	Female
Native American	0	1
Asian/Pacific Islander	9	10
Black (not Hispanic)	3	3
Hispanic	2	4
White (not Hispanic)	78	77
Total	92	95

Average Annual Stipend (US \$)

	Average	Number
Postdoctoral	\$37,123.45	69
Pre-doctoral	\$21,997.68	69

Predoctoral Trainee Completions Trainees completing doctoral work during year ending 6/30/2006.

Total	
Female	134
Male	124
Total	258

Foreign National predoctoral trainee completions:

	Male	Female
African	1	0
Asian/Pacific Islander	21	20
Central/South American	0	4
European/Canadian, etc.	9	11
Middle Eastern	1	3
Other	1	0
Total	33	38

Student/Trainee Information (continued)

	Predoctoral		Postdoctoral	
	Male	Female	Male	Female
African	3	5	6	1
Asian/Pacific Islander	124	151	221	145
Central/South American	16	13	19	21
European/Canadian, etc.	46	45	105	71
Middle Eastern	21	16	13	11
Other	1	2	12	5
Total	211	232	376	254

	Pre-doctoral		Postdoctoral	
Institutional	159		49	
Research Grants	295		501	
Private Foundations	23		41	
Home (foreign) Gov.	10		6	
Other	19		4	
Total	506		601	

Institution Summary

Type of Institution

Private	49
Public	22
Total	71

Space Controlled by Department (n=74)

	Average
Research Space	18,314
Administrative Space	3,328
Teaching Space	2,765
Other Space:	3,009
Total Space	27,416

Institutional Financial Information

Budget by Institution

	All Institutions		Private Medical		Public Medical		Nonmedical	
		No.		No.		No.		No.
Institutional (Hard money, e.g, operating costs, state allocations)	\$1,975,008	70	1,614,548	19	\$1,858,642	38	\$2,451,835	13
Outside Research Grants and Contracts (direct costs only)	4,903,908	70	6,242,883	19	3,890,299	38	4,578,541	13
Training Grants (direct costs only)	302,926	40	461,265	12	246,143	21	201,371	7
Endowments	292,217	39	218,050	9	494,129	21	164,473	9
Indirect Cost Recovery (amount returned to your department)	704,107	47	1,533,456	5	187,744	32	391,120	10
Other Budget Support (identify)	439,004	60	589,542	14	317,434	38	410,037	8
Average Departmental Budget	8,063,870		9,089,983		6,633,573		7,805,864	

Financial Information

Current fringe benefit rate most frequently used for Primary faculty	27.11	(n=73)
Federally negotiated indirect cost rate for FY 06-07 off campus	26.22	(n=59)
Federally negotiated indirect cost rate for FY 06-07 on campus	50.03	(n=70)
Percentage of allocated salary dollars directly returned to your department	72.44	(n=50)
Percentage of indirect costs returned to your department	21.61	(n=44)
Percentage of total faculty salaries derived from research grants (does not include fringe benefits costs)	35.61	(n=70)

Complete Ranking According to Total Dollars

Rank Total Dollars	Total Dollars	Rank Research Grant Dollars	Research Grant Dollars	Rank Research Dollars/ Faculty	Research Dollars/ Faculty	Rank Total Research Space	Total Research Space	Rank Research Dollars/ sq ft	Research Dollars/ sq ft	No. of faculty
1	\$30,533,997	1	\$27,643,710	1	\$987,275	1	49,831	3	555	28
2	22,145,708	2	15,256,573	2	953,536	6	31,125	5	490	16
3	19,785,756	3	10,810,870	8	400,403	22	20,812	4	519	27
4	14,769,583	5	10,637,889	13	354,596	17	23,039	9	462	30
5	14,492,047	4	10,710,742	9	396,694	9	27,824	13	385	27
6	13,048,908	6	9,584,578	6	504,451	21	21,634	10	443	19
7	12,678,601	20	5,879,305	41	195,977	31	17,737	15	331	30
8	12,652,140	14	6,997,205	26	269,123	45	14,700	7	476	26
9	11,958,049	7	8,304,066	4	593,148	26	19,670	11	422	14
10	10,929,095	15	6,639,288	14	349,436	3	37,738	46	176	19
11	10,753,500	10	7,603,869	28	253,462	14	24,252	18	314	30
12	10,681,130	11	7,455,920	16	338,905	2	41,083	43	181	22
13	10,572,306	12	7,057,398	23	306,843	13	24,488	22	288	23
14	10,538,633	8	8,103,278	22	311,665	52	13,500	2	600	26
15	10,472,723	9	7,865,259	19	327,719	35	16,786	8	469	24
16	10,090,664	13	7,044,630	12	370,770	4	34,392	38	205	19
17	9,804,408	16	6,543,110	35	218,104	10	27,751	30	236	30
18	9,701,418	22	5,584,967	11	372,331	20	22,153	26	252	15
19	9,511,536	19	6,114,009	7	470,308	11	26,187	31	233	13
20	9,090,670	18	6,120,977	37	211,068	36	16,726	14	366	29
21	9,046,362	17	6,236,608	21	311,830	12	24,805	27	251	20
22	8,523,757	29	4,061,483	53	135,383	19	22,707	45	179	30
23	8,459,303	59	1,869,232	65	84,965	53	12,729	57	147	22
24	8,107,172	42	3,375,669	25	281,306	42	15,628	36	216	12
25	8,094,316	21	5,865,398	38	209,479	5	34,361	47	171	28
26	7,856,003	28	4,200,000	45	190,909	18	22,934	42	183	22
27	7,597,712	34	3,875,145	33	227,950	15	23,482	49	165	17
28	7,518,125	31	3,973,629	29	248,352	27	19,480	39	204	16
29	7,426,343	23	5,059,205	17	337,280	62	10,358	6	488	15
30	7,225,412	24	4,890,226	10	376,171	25	20,080	29	244	13
31	7,136,691	44	3,198,004	47	188,118	29	18,765	48	170	17
32	7,119,044	37	3,790,534	48	172,297	16	23,087	50	164	22
33	6,818,028	26	4,503,528	42	195,806	8	28,547	52	158	23
34	6,494,042	30	4,049,448	31	238,203	49	13,790	21	294	17
35	6,404,380	39	3,718,104	43	195,690	7	28,664	61	130	19

Rank Total Dollars	Total Dollars	Rank Research Grant Dollars	Research Grant Dollars	Rank Research Dollars/ Faculty	Research Dollars/ Faculty	Rank Total Research Space	Total Research Space	Rank Research Dollars/ sq ft	Research Dollars/ sq ft	No. of faculty
36	\$6,366,131	45	\$3,073,069	55	\$133,612	51	13,624	33	226	23
37	6,277,125	33	3,888,888	20	324,074	32	17,535	34	222	12
38	6,272,704	38	3,737,986	27	266,999	34	17,259	35	217	14
39	6,033,422	27	4,257,646	24	304,118	28	18,799	32	226	14
40	5,770,868	35	3,862,361	30	241,398	48	13,987	24	276	16
41	5,671,932	53	2,403,067	58	109,230	37	16,685	59	144	22
42	5,588,569	43	3,247,652	32	231,975	66	8,385	12	387	14
43	5,469,213	49	2,810,647	36	216,204	30	18,059	53	156	13
44	5,467,266	46	2,902,538	50	170,738	24	20,104	58	144	17
45	5,423,480	32	3,931,350	5	561,621	40	15,955	28	246	7
46	5,340,024	36	3,798,566	15	345,324	55	12,348	20	308	11
47	5,237,590	52	2,564,119	49	170,941	33	17,361	56	148	15
48	4,999,179	55	2,106,474	66	84,259	46	14,185	55	149	25
49	4,821,136	54	2,136,966	44	194,270	67	8,102	25	264	11
50	4,733,162	40	3,642,159	18	331,105	59	11,384	17	320	11
51	4,666,646	50	2,692,777	51	168,299	65	9,368	23	287	16
52	4,642,457	25	4,547,545	46	189,481	47	14,000	16	325	24
53	4,507,158	62	1,662,929	52	166,293	61	10,486	51	159	10
54	4,501,635	51	2,618,954	40	201,458	54	12,500	37	210	13
55	4,470,408	47	2,894,830	39	206,774	64	9,384	19	308	14
56	4,263,152	57	1,897,891	62	94,895	39	16,014	63	119	20
57	4,118,630	60	1,768,362	63	88,418	57	11,730	54	151	20
58	4,063,631	56	1,900,693	61	100,036	44	14,921	62	127	19
59	4,059,924	58	1,876,428	54	134,031	63	10,042	40	187	14
60	4,022,101	48	2,894,683	34	222,668	41	15,650	41	185	13
61	3,868,229	41	3,594,115	3	599,019	70	4,850	1	741	6
62	3,431,869	61	1,700,850	60	100,050	56	12,009	60	142	17
63	3,356,653	65	1,112,335	68	55,617	69	6,165	44	180	20
64	3,249,187	64	1,375,695	59	105,823	43	15,111	66	91	13
65	2,969,125	67	1,035,481	64	86,290	23	20,269	68	51	12
66	2,822,066	63	1,596,000	56	133,000	50	13,629	64	117	12
67	2,588,568	66	1,099,526	57	109,953	58	11,719	65	94	10
68	2,090,855	69	400,000	71	23,529	38	16,292	71	25	17
69	1,442,057	68	457,300	67	57,163	60	11,203	69	41	8
70	1,285,010	70	238,998	70	26,555	68	7,291	70	33	9
71	1,020,417	71	150,000	69	30,000	71	2,900	67	52	5