

Association of Chairs of Departments of Physiology 2009 Survey Results

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The Association of Chairs of Departments of Physiology annual survey was emailed to 186 physiology departments throughout the US, Canada, Mexico, and Puerto Rico. A total of 53 surveys were returned, for a response rate of 28%. This rate is higher than last year's (25%) but still lower than that of the previous years' surveys (39%). Of the 53 surveys returned, there were 12 private and 41 public medical schools.

The data provide 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 fac-

ulty 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 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 pre-

doctoral 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. New for this year is the mean number of faculty in those 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. ❖

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Present, and Future and an APS teacher resource packet. Any APS member who participates as a judge in a local or regional science fair at an elementary, middle, or high school is eligible to apply and receive APS support for one award per year.

To request an award package, visit the APS Science Fair website or contact Scarlettta Whitsett (swhitsett@the-aps.org) at the APS Education Office.

www.the-aps.org/education/sciencefair

Table 1. Faculty Information

Faculty Summary (n=924)

	Male	Female	Total
Asian/Pacific Islander	100	39	139
Black (not Hispanic)	6	4	10
Hispanic	44	12	56
White (not Hispanic)	524	157	681
Foreign National	26	12	38
Total	700	224	924

Medical Physiology Course Type

	Yes	No	Total Responded
Integrated Disciplines	32	17	49
Traditional	31	21	52
Within Traditional	31	20	51

Tenure Status in each department by degree

	Tenured	Not Tenured	Not Eligible	Total
MD	9	0	6	15
PhD	552	3	292	847
2 Doctorates	26	1	20	47
Other	5	0	0	5
Total	592	4	318	914

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	309	26
	Medical	127	31
	Other	66	12
Lectures	Graduate	235	51
	Medical	967	53
	Other	86	32
Small Group	Graduate	48	31
	Medical	118	48
	Other	77	18

Teaching Interactions

MD/DO	51
DDS	21
DVM	4
Allied Health	33
Pharmacy	14
Other Biomedical	37
Life Science	29
Bioengineering	26
Other	18

Table 2. Student/Trainee Information

Student/Trainee Summary

<i>US citizen / resident aliens</i>			
Predoctoral male	306	Postdoctoral male	128
Predoctoral female	320	Postdoctoral female	113
<i>Foreign</i>			
Predoctoral male	154	Postdoctoral male	262
Predoctoral female	168	Postdoctoral female	189

Ethnicity of each pre- and postdoctoral student/trainee

	Pre-doctoral		Postdoctoral	
	Male	Female	Male	Female
Native American	9	2	0	0
Asian/Pacific Islander	23	32	24	17
Black (not Hispanic)	17	22	7	9
Hispanic	15	34	7	4
White (not Hispanic)	242	230	90	83

US Citizen/Resident alien postdoctoral trainee completions:

	Male	Female
Native American	1	1
Asian/Pacific Islander	6	11
Black (not Hispanic)	5	4
Hispanic	4	6
White (not Hispanic)	77	67
Total	93	89

Average Annual Stipend (US \$)

	Average	Number
Postdoctoral	\$38,170.86	50
Pre-doctoral	\$23,487.57	50

Predoctoral Trainee Completions Trainees completing doctoral work during year ending 6/30/2009.

	Total
Female	127
Male	128
Total	255

Foreign National predoctoral trainee completions:

	Male	Female
African	0	2
Asian/Pacific Islander	15	24
Central/South American	2	0
European/Canadian, etc.	15	11
Middle Eastern	2	1
Total	34	38

Table 2. Student/Trainee Information (continued)

	<u>Number of Foreign Pre- & Postdoctoral Students/Trainees</u>					<u>Number of Foreign Pre- & Postdoctoral trainees whose primary source of support is:</u>	
	Predoctoral		Postdoctoral			Pre-doctoral	Postdoctoral
	Male	Female	Male	Female			
African	3	3	3	1			
Asian/Pacific Islander	74	95	169	110	Institutional	96	26
Central/South American	12	12	19	16	Research Grants	177	356
European/Canadian, etc.	35	32	46	45	Private Foundations	10	23
Middle Eastern	28	19	20	10	Home (foreign) Gov.	14	7
Other	2	7	5	7	Other	9	5
Total	154	168	262	189	Total	306	417

Table 3. Institution Summary

Type of Institution

Private	12
Public	41
Total	53

Space Controlled by Department

Average

Research Space	21,066
Administrative Space	3,058
Teaching Space	2,721
Other Space:	3,383
Total Space	30,228

Table 4. Institutional Financial Information

Budget by Institution

	All Institutions	No. Faculty (Mean)	Private Medical	No. Faculty (Mean)	Public Medical	No. Faculty (Mean)	Non-medical	No. Faculty (Mean)
Institutional (Hard money, e.g. operating costs, state allocations)	\$ 2,148,154	52 (17.5)	\$1,977,944	9(15.4)	\$1,935,515	32 (17.7)	\$2,531,004	11 (18.7)
Outside Research Grants and Contracts (direct costs only)	5,073,680	51 (17.7)	7,761,952	8(16.5)	4,325,682	32 (17.7)	3,133,406	11 (18.7)
Training Grants (direct costs only)	252,316	24 (17.7)	324,512	4(16.3)	317,296	15 (17.5)	115,138	5 (19.4)
Endowments	1,017,554	31 (19.5)	2,297,658	4(15.5)	404,275	22 (19.2)	350,729	5 (24.6)
Indirect Cost Recovery (amount returned to your department)	1,111,563	39 (17.8)	2,958,332	3(19.0)	219,887	28 (17.5)	156,470	8 (18.3)
Other Budget Support (identify)	672,413	43 (17.2)	1,511,114	7(15.3)	258,195	29 (16.9)	247,900	7 (20.4)
Average Departmental Budget	7,790,769		12,204,311		7,114,259		6,147,720	

Financial Information

Current fringe benefit rate most frequently used for Primary faculty	27.80 (n=54)
Federally negotiated indirect cost rate for FY 09-10 off campus	26.53 (n=43)
Federally negotiated indirect cost rate for FY 09-10 on campus	50.26 (n=53)
Percentage of allocated salary dollars directly returned to your department	78.38 (n=37)
Percentage of indirect costs returned to your department	18.33 (n=40)
Percentage of total faculty salaries derived from research grants (does not include fringe benefits costs)	37.27 (n=52)

Table 5. 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	\$28,229,924	1	\$20,037,012	1	\$1,252,313	7	27,891	1	\$718	16
2	26,466,048	2	18,904,050	2	859,275	10	26,320	2	718	22
3	16,088,798	4	11,143,480	4	586,499	2	38,468	15	290	19
4	15,430,305	5	10,704,767	10	356,826	3	36,732	13	291	30
5	14,567,947	6	9,406,612	5	553,330	5	34,168	19	275	17
6	13,264,809	3	11,215,295	3	659,723	4	36,000	8	312	17
7	12,288,012	8	6,985,344	18	258,716	18	22,496	9	311	27
8	11,875,726	12	5,336,666	34	177,889	32	14,700	7	363	30
9	11,083,392	7	7,500,000	6	500,000	11	26,187	18	286	15
10	9,629,299	10	6,371,370	9	374,786	19	20,821	11	306	17
11	9,046,362	9	6,605,632	12	314,554	6	31,535	29	209	21
12	8,975,012	14	5,124,639	25	197,102	14	24,166	28	212	26
13	8,588,536	16	4,738,464	21	249,393	17	22,820	30	208	19
14	8,529,311	17	4,650,000	32	178,846	16	22,934	31	203	26
15	8,124,589	13	5,207,000	11	347,133	47	10,486	3	497	15
16	7,857,698	15	5,081,773	8	390,906	28	16,401	10	310	13
17	7,815,568	22	3,915,757	38	163,157	8	27,824	41	141	24
18	7,789,996	25	3,656,173	44	121,872	37	12,729	17	287	30
19	7,531,135	24	3,868,561	28	193,428	27	16,662	25	232	20
20	7,490,780	11	5,891,673	14	267,803	12	25,813	26	228	22
21	7,357,303	34	2,904,380	45	121,016	41	11,903	23	244	24
22	6,663,871	32	3,019,324	39	158,912	22	19,040	39	159	19
23	6,610,906	27	3,606,845	37	171,755	24	18,378	33	196	21
24	6,553,155	37	2,550,904	30	182,207	15	23,035	46	111	14
25	6,379,015	18	4,221,330	15	263,833	48	10,358	6	408	16
26	6,372,818	23	3,873,364	29	184,446	25	17,675	27	219	21
27	6,294,559	28	3,578,120	22	223,633	23	18,799	34	190	16
28	6,092,697	21	3,992,456	31	181,475	34	13,746	14	290	22
29	6,058,086	31	3,149,480	26	196,843	21	19,848	38	159	16
30	5,929,501	36	2,740,209	42	130,486	9	26,933	47	102	21
31	5,911,702	33	2,921,905	27	194,794	20	20,000	40	146	15
32	5,679,948	19	4,210,521	13	300,752	49	9,384	4	449	14
33	5,664,946	42	2,097,215	40	139,814	13	25,288	49	83	15
34	5,639,760	20	4,175,649	16	260,978	26	17,535	24	238	16
35	5,216,850	29	3,296,818	19	253,601	36	13,391	22	246	13
36	4,878,260	30	3,280,227	20	252,325	43	11,384	16	288	13
37	4,868,994	26	3,641,456	17	260,104	33	13,790	20	264	14
38	4,826,698	38	2,500,000	41	131,579	35	13,609	35	184	19
39	4,467,725	52	222,660	53	14,844	29	16,014	52	14	15
40	4,371,355	40	2,489,050	35	177,789	38	12,500	32	199	14
41	4,211,645	35	2,790,655	36	174,416	46	11,111	21	251	16
42	4,185,402	44	1,809,797	49	82,264	51	6,165	12	294	22
43	4,038,890	45	1,773,059	43	126,647	31	14,774	43	120	14
44	3,963,447	41	2,467,885	7	411,314	52	5,528	5	446	6
45	3,567,438	43	2,085,476	24	208,548	42	11,793	36	177	10
46	3,449,851	39	2,500,000	33	178,571	30	15,672	37	160	14
47	3,413,169	47	1,287,828	48	91,988	44	11,329	45	114	14
48	3,275,894	48	1,252,479	46	104,373	39	12,484	48	100	12
49	2,334,899	46	1,671,944	23	208,993	40	12,470	42	134	8
50	2,141,826	50	916,895	50	76,408	1	202,237	53	5	12
51	1,758,874	49	960,318	47	96,032	50	8,289	44	116	10
52	1,507,157	51	350,000	51	43,750	45	11,203	50	31	8
53	901,099	53	90,221	52	18,044	53	4,613	51	20	5