



The Physiologist

Association of Chairs of Departments of Physiology 2004 Survey Results

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The Association of Chairs of Departments of Physiology annual survey was mailed to 182 physiology departments throughout the US, Canada, and Puerto Rico. A total of 89 surveys were returned, for a response rate of 49%. This rate is slightly higher than that of the 2003 survey (46%). Of the 89 surveys returned, there were 57 public and 29 private medical schools.

The data provide the reader with general trends of faculty, overall departmental budgets, and space available for research. For the first time, ACDP has 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 Council decided to no longer collect or report these data. Data are still provided though on tenure, gender, and ethnicity of faculty (see Faculty Information). Also included

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 (see Student/Trainee Information).

Institutional information is provided in the group of tables labeled Institution Summary. Departmental budget information (see Institutional Financial Information) shows type of support, faculty salaries derived from grants along with negotiated indirect costs to the departments. The last table (Complete Ranking According to Total Dollars) ranks responding Institutions according to their total dollars, research grant dollars, and departmental space. Space averages are presented as research, administration, teaching and other. ❖

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**AVAILABLE
NOW!**

**IUPS 2005
commemorative
Medallion
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Faculty Information

Faculty Summary (n=1616)

	Male	Female	Total
Asian/Pacific Islander	143	45	188
Black (not Hispanic)	17	7	24
Hispanic	36	15	51
Native American	18	5	23
White (not Hispanic)	969	282	1,251
Foreign National	63	18	79
Total	1,244	372	1,616

Medical Physiology Course Type

	Yes	No	Total Responded
Integrated Disciplines	44	39	83
Traditional	46	39	85
Within Traditional	58	24	82

Tenure Status in each department by degree

	Tenured	Not Tenured	Not Eligible	Total
MD	31	2	15	48
PhD	950	39	345	1,334
2 Doctorates	65	3	19	87
Other	17	0	22	39
Total	1,063	44	401	1,508

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	286.34	44
	Medical	28.64	50
	Other	65.67	24
Lectures	Graduate	88.49	77
	Medical	48.22	83
	Other	68.37	52
Small Group	Graduate	55.04	53
	Medical	34.07	68
	Other	25.84	19

Teaching Interactions

MD/DO	77
DDS	26
DVM	6
Allied Health	41
Pharmacy	23
Other Biomedical	50
Life Science	37
Bioengineering	29
Other	17

Student/Trainee Information

Student/Trainee Summary

<i>US citizen / resident aliens</i>			
Predoctoral male	497	Postdoctoral male	221
Predoctoral female	487	Postdoctoral female	178
<i>Foreign</i>			
Predoctoral male	278	Postdoctoral male	493
Predoctoral female	273	Postdoctoral female	349

Ethnicity of each pre- postdoctoral student/trainee

	Pre-doctoral		Postdoctoral	
	Male	Female	Male	Female
Native American	3	7	2	1
Asian/Pacific Islander	48	47	25	31
Black (not Hispanic)	30	45	12	6
Hispanic	23	31	16	11
White (not Hispanic)	393	357	166	129

US Citizen/Resident alien postdoctoral trainee completions:

	Male	Female
Native American	4	2
Asian/Pacific Islander	15	16
Black (not Hispanic)	10	10
Hispanic	7	6
White (not Hispanic)	83	68
Total	119	102

Average Annual Stipend (US \$)

	Average	Number
Postdoctoral	\$35,185	83
Pre-doctoral	\$20,216	84

Predoctoral Trainee Completions Trainees completing doctoral work during year ending 6/30/2004.

	Total
Female	141
Male	162
Total	303

Foreign National predoctoral trainee completions:

	Male	Female
African	1	0
Asian/Pacific Islander	18	20
Central/South American	2	2
European/Canadian, etc.	18	13
Middle Eastern	1	4
Other	3	0
Total	43	39

Student/Trainee Information (continued)

Number of Foreign Pre- Postdoctoral Students/Trainees

	Predoctoral		Postdoctoral	
	Male	Female	Male	Female
African	3	4	11	2
Asian/Pacific Islander	148	169	289	157
Central/South American	18	12	23	31
European/Canadian, etc.	63	60	112	111
Middle Eastern	29	13	30	25
Other	6	8	24	17
Total	267	266	489	343

Number of Foreign Pre- Postdoctoral trainees whose primary source of support is:

	Pre-doctoral	Postdoctoral
Institutional	214	48
Research Grants	323	713
Private Foundations	11	28
Home (foreign) Gov.	12	9
Other	18	10
Total	578	808

Institution Summary

Type of Institution

Private	29
Public	57
Other	3
Total	89

Space Controlled by Department (n=88)

	Average
Research Space	18,809
Administrative Space	3,338
Teaching Space	3,066
Other Space:	3,022
Total Space	25,576

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)	\$1,805,927	86	\$1,600,676	26	\$1,706,842	44	\$2,110,263	16
Outside Research Grants and Contracts (direct costs only)	4,814,715	86	6,142,023	26	3,802,743	44	4,499,378	16
Training Grants (direct costs only)	316,146	51	467,496	18	213,730	27	267,214	6
Endowments	398,923	41	627,464	10	347,706	21	221,600	10
Indirect Cost Recovery (amount returned to your department)	427,164	56	892,440	9	211,844	35	177,207	12
Other Budget Support (identify)	442,856	68	863,580	15	270,448	41	194,540	12
Average Departmental Budget	7,626,627		9,114,823		6,227,211		7,127,156	

Financial Information

Current fringe benefit rate most frequently used for Primary faculty	26.15 (n=89)
Federally negotiated indirect cost rate for FY 04-05 off campus	26.76 (n=67)
Federally negotiated indirect cost rate for FY 04-05 on campus	49.79 (n=87)
Percentage of allocated salary dollars directly returned to your department	70.86 (n=57)
Percentage of indirect costs returned to your department	20.78 (n=59)
Percentage of total faculty salaries derived from research grants (does not include fringe benefits costs)	36.34 (n=86)

Complete Ranking According to Total Dollars

Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank	Rank
Total	Research	Research	Research	Research	Total	Total	Research	Research	No. of	
Dollars	Grant	Grant	Dollars/	Dollars/	Research	Research	Dollars/	Dollars/	faculty	
	Dollars	Dollars	Faculty	Faculty	Space	Space	sq ft	sq ft		
1	\$60,607,976	26	\$ 5,179,392	13	\$ 369,957	67	11,384	9	455	14
2	23,006,180	2	18,650,780	1	1,434,675	19	24,680	2	756	13
3	22,440,731	1	19,312,763	3	689,742	1	49,831	18	388	28
4	21,435,990	4	15,047,442	2	1,074,817	11	31,125	7	483	14
5	19,785,756	6	10,810,870	11	400,403	34	20,812	5	519	27
6	16,928,379	5	13,455,181	7	463,972	17	26,333	6	511	29
7	16,361,233	3	15,643,781	6	521,459	3	38,157	14	410	30
8	12,685,133	8	9,022,161	22	300,739	29	23,039	17	392	30
9	12,288,963	9	7,968,792	32	265,626	39	18,718	12	426	30
10	11,672,534	22	5,907,948	26	281,331	33	21,835	33	271	21
11	10,670,633	11	7,627,787	18	331,643	9	32,805	40	233	23
12	10,615,334	24	5,644,961	25	282,248	22	24,297	42	232	20
13	10,510,195	15	6,663,430	16	350,707	4	37,920	55	176	19
14	10,375,338	19	6,330,095	24	287,732	5	37,578	57	168	22
15	10,092,730	17	6,493,623	46	216,454	14	28,788	46	226	30
16	9,918,690	13	6,961,389	14	366,389	12	30,755	45	226	19
17	9,716,970	23	5,744,529	29	273,549	69	10,941	4	525	21
18	9,703,059	44	3,828,306	30	273,450	64	12,318	24	311	14
19	9,633,932	16	6,655,000	8	415,938	27	23,109	29	288	16
20	9,256,935	12	7,392,352	20	321,407	46	17,531	13	422	23
21	9,146,857	20	6,225,654	50	207,522	16	26,384	39	236	30
22	9,046,362	10	7,860,118	12	374,291	24	23,720	23	331	21
23	8,942,831	28	4,907,007	60	163,567	44	17,737	32	277	30
24	8,941,425	25	5,414,364	39	246,107	26	23,418	43	231	22
25	8,791,959	34	4,383,823	58	168,609	38	19,720	47	222	26
26	8,561,316	14	6,781,780	17	339,089	40	18,427	19	368	20
27	8,464,000	37	4,225,000	21	301,786	6	36,000	76	117	14
28	8,333,040	55	3,233,241	31	269,437	80	7,451	11	434	12
29	8,319,378	21	6,177,928	10	411,862	23	23,932	35	258	15
30	8,189,643	54	3,264,378	68	148,381	61	12,729	36	256	22
31	7,883,424	42	3,906,949	65	156,278	7	34,837	78	112	25
32	7,409,719	40	3,924,255	57	170,620	18	24,954	64	157	23
33	7,206,818	50	3,551,822	74	118,394	42	17,900	49	198	30
34	7,190,208	29	4,702,205	42	235,110	50	16,128	27	292	20
35	7,181,189	32	4,567,116	66	152,237	21	24,591	54	186	30
36	7,139,739	30	4,685,349	61	161,564	15	28,547	60	164	29
37	7,113,250	49	3,557,972	49	209,292	20	24,657	68	144	17
38	6,996,500	36	4,350,000	56	174,000	13	30,500	69	143	25
39	6,895,153	18	6,392,595	4	581,145	32	22,153	28	289	11
40	6,508,481	47	3,670,678	54	183,534	31	22,390	61	164	20
41	6,471,058	60	2,953,748	43	227,211	41	18,059	62	164	13
42	6,193,756	33	4,516,153	62	161,291	8	34,361	74	131	28
43	5,961,122	41	3,908,189	33	260,546	77	8,385	8	466	15
44	5,612,850	51	3,542,419	53	186,443	35	20,464	56	173	19
45	5,604,458	31	4,606,700	15	354,362	52	15,600	25	295	13
46	5,552,315	73	1,987,000	75	116,882	89		89		17
47	5,544,690	27	5,060,145	40	240,959	43	17,828	31	284	21
48	5,515,005	48	3,625,372	27	278,875	28	23,070	65	157	13
49	5,467,266	71	2,400,399	64	160,027	37	20,104	75	119	15
50	5,424,288	38	4,058,061	23	289,862	55	14,097	30	288	14
51	5,387,801	52	3,351,575	34	257,813	45	17,535	51	191	13
52	5,369,269	62	2,859,937	70	136,187	36	20,269	71	141	21
53	5,338,035	39	3,929,222	69	140,329	25	23,555	59	167	28
54	5,288,197	63	2,832,379	52	202,313	68	11,183	37	253	14

ACDP Survey 2004

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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
55	5,212,085	59	2,962,755	37	246,896	60	12,749	41	232	12
56	5,105,594	65	2,672,659	51	205,589	47	17,259	66	155	13
57	5,091,272	43	3,900,733	28	278,624	72	9,558	15	408	14
58	5,046,058	74	1,911,767	76	112,457	56	13,529	70	141	17
59	4,877,046	53	3,341,863	41	238,705	74	9,267	21	361	14
60	4,821,178	72	2,164,167	47	216,417	54	14,881	67	145	10
61	4,663,032	76	1,610,901	63	161,090	75	8,608	52	187	10
62	4,494,473	35	4,381,929	44	219,096	59	13,000	22	337	20
63	4,493,679	61	2,901,930	19	322,437	85	3,843	3	755	9
64	4,487,291	58	2,964,475	36	247,040	57	13,512	48	219	12
65	4,472,718	75	1,864,271	79	103,571	2	47,744	84	39	18
66	4,467,730	69	2,510,198	77	109,139	58	13,500	53	186	23
67	4,359,017	67	2,617,225	55	174,482	51	15,647	58	167	15
68	4,305,630	68	2,583,209	67	151,953	70	10,526	38	245	17
69	4,267,449	66	2,643,454	72	125,879	48	16,699	63	158	21
70	4,072,103	57	3,016,047	35	251,337	66	11,400	34	265	12
71	4,063,100	70	2,465,320	38	246,532	62	12,500	50	197	10
72	3,927,999	64	2,754,298	48	211,869	73	9,338	26	295	13
73	3,856,735	56	3,033,238	45	216,660	78	8,368	20	362	14
74	3,822,210	45	3,716,586	9	412,954	84	4,570	1	813	9
75	3,380,220	77	1,594,605	80	93,800	53	15,511	79	103	17
76	3,028,755	82	883,649	81	88,365	65	11,719	81	75	10
77	2,966,682	81	935,670	82	49,246	63	12,455	82	75	19
78	2,959,549	79	1,380,344	78	106,180	71	9,809	72	141	13
79	2,828,878	86	214,138	86	21,414	79	8,102	85	26	10
80	2,750,803	80	1,260,860	71	126,086	83	5,534	44	228	10
81	2,712,354	83	844,042	83	46,891	82	6,165	73	137	18
82	2,117,797	78	1,489,120	59	165,458	86	3,760	16	396	9
83	2,090,855	87	210,300	88	12,371	49	16,292	87	13	17
84	1,387,305	84	319,535	85	35,504	81	7,291	83	44	9
85	1,327,638	7	10,135,325	5	533,438	30	22,623	10	448	19
86	1,056,519	88	76,854	89	9,607	76	8,483	88	9	8
87	999,339	85	215,000	84	35,833	88	2,600	80	83	6
88	703,796	89	71,500	87	14,300	87	3,527	86	20	5
89		46	3,697,377	73	123,246	10	32,159	77	115	30