

2013-2014 Program Review

Physics

I Instruction

A Assessment goals and outcomes for each degree program (reported separately)

B Input Data

B 1 Headcount, Person Years and FTE -- Overall and Devoted To Instruction

Physics

		Physics			College Total	University Total	
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014	
Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Total Headcount	12	9	9	104	631
		Total Person-Years	10.0	7.7	7.9	91.8	556.6
		Person-Years Devoted To Instruction	4.1	3.8	4.0	45.8	305.0
		Total FTE	13.3	10.2	10.5	122.4	742.1
		FTE Devoted to Instruction	5.4	5.1	5.3	61.1	406.7
Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Total Headcount	3	3	4	36	259
		Total Person-Years	2.6	2.6	3.8	29.6	217.4
		Person-Years Devoted To Instruction	2.5	2.4	3.3	24.7	178.6
		Total FTE	3.5	3.4	5.0	39.4	289.9

			Physics			College Total	University Total
			2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
Other personnel paid on faculty pay plan	Scholar/ Scientist/ Engineer, Research Assoc, Assoc In, Asst In, Postdoc Assoc	FTE Devoted to Instruction	3.3	3.2	4.5	32.9	238.1
		Total Headcount	3	3	2	13	67
		Total Person- Years	2.5	2.5	1.7	9.2	51.5
		Person- Years Devoted To Instruction	1.2	1.4	1.4	3.3	7.4
		Total FTE	3.4	3.4	2.3	12.3	68.7
		FTE Devoted to Instruction	1.7	1.9	1.9	4.4	9.9
Adjuncts	--	Total Headcount	4	3	6	50	600
		Total Person- Years	1.5	1.1	1.1	11.9	113.6
		Person- Years Devoted To Instruction	1.5	1.0	1.0	10.5	108.1
		Total FTE	2.0	1.4	1.5	15.8	151.5
		FTE Devoted to Instruction	2.0	1.3	1.4	14.0	144.2
		Total Headcount	40	34	33	368	1,143
Graduate Assistants	--	Total Person- Years	14.2	13.6	12.5	137.1	349.0

		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
Other	--	Person-Years Devoted To Instruction				
		13.6	12.6	12.1	120.4	234.8
		Total FTE				
		19.0	18.1	16.7	182.8	465.4
		FTE Devoted to Instruction				
		18.2	16.8	16.2	160.6	313.1
		Total Headcount				
		4	4	3	44	249
		Total Person-Years				
		0.5	0.8	0.3	10.2	42.1
Total		Person-Years Devoted To Instruction				
		0.4	0.7	0.3	2.8	12.7
		Total FTE				
		0.6	1.1	0.4	13.6	56.1
		FTE Devoted to Instruction				
		0.5	0.9	0.4	3.7	17.0
		Total Headcount				
		66	56	57	615	2,949
		Total Person-Years				
		31.4	28.3	27.3	289.8	1,330.2
	Person-Years Devoted To Instruction					
	23.3	22.0	22.2	207.5	846.7	
	Total FTE					
	41.9	37.7	36.4	386.3	1,773.6	
	FTE Devoted to Instruction					
	31.1	29.3	29.6	276.7	1,129.0	

Source: Instruction and Research File

Report includes summer, fall and spring semester data

Faculty headcounts are unduplicated within year; faculty with appointments in multiple departments are counted in the department where they devoted most effort.

Adjuncts and Grad Assistants are counted in each department where they had an appointment.

Person-year= 1 person working full time for one year

1.00 FTE = .75 person-years

B 2 Instructional Faculty and Adjuncts By Gender and Ethnicity

Physics

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
American Indian/Alaskan Native	Male					1
	Total					1
Asian or Pacific Islander			1			0
	Female	2	1	1	7	29
	Male	2	1	2	16	81
	Total	4	3	3	23	110
Black (Not of Hispanic Origin)	Female				1	33
	Male				3	19
	Total				4	52
Hispanic					1	1
	Female				3	33
	Male	2	1	1	4	21
	Total	2	1	1	8	55

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
White (Not of Hispanic Origin)			0			
	Female	1	1	2	24	277
	Male	11	9	9	86	387
	Total	12	10	11	110	664
Total			1		1	1
	Female	3	2	3	35	372
	Male	15	11	12	109	509
	Total	18	14	15	145	882

Source: Instruction and Research File

Instructional Faculty includes tenured, tenure-earning and non-tenure-earning faculty members who taught a course during the year.

B 2 Instructional Faculty and Adjuncts By Gender and Ethnicity
Physics

Adjuncts		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
Asian or Pacific Islander	Female					13
	Male			1	3	10
	Total			1	3	23
Black (Not of Hispanic Origin)	Female				3	26
	Male				1	20
	Total				4	46
Hispanic	Female				1	10

Adjuncts		Physics			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
	Male					11
	Total				1	21
White (Not of Hispanic Origin)	Female	1	1	1	22	290
	Male	3	2	4	20	220
	Total	4	3	5	42	510
Total	Female	1	1	1	26	339
	Male	3	2	5	24	261
	Total	4	3	6	50	600

Source: Instruction and Research File

B 3 Average Course Section Size and Percent of Sections Taught By Faculty
Physics

Course Level	Type	Section # Offered	Physics			College Total	University Total
			2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Undergraduate	Lecture/Seminar	#	41	47	52	740	5,152
		# Enrolled	3,355	3,535	3,706	48,760	195,222

		Physics			College Total	University Total
		2011 - 2012	2012 - 2013	2013 - 2014	2013-2014	2013-2014
Lab	Avg Section Enrollment	81.8	75.2	71.3	65.9	37.9
	Sections Faculty - Taught	34	38	45	506	3,565
	Sections Offered	124	124	128	668	915
	# Enrolled	1,699	1,931	1,961	12,859	17,644
	Avg Section Enrollment	13.7	15.6	15.3	19.3	19.3
	Sections Faculty - Taught	100.0	99.2	63.3	44.9	42.0
	Sections Offered	124	123	81	300	384
	# Enrolled				122	270
	Avg Section Enrollment				31.6	28.1
					3,853	7,589
Discussion						

		Physics			College Total	University Total	
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014	
Graduate	Lecture/Seminar	Enrollment					
		Sections Offered			98	246	
		Faculty Taught				80.3	91.1
		Sections Offered		3	3	313	1,300
		# Enrolled		6	3	1,165	8,149
		Avg Section Enrollment		2.0	1.0	3.7	6.3
		Sections Offered		3	3	294	984
		Faculty Taught		100.0	100.0	93.9	75.7
		Sections Offered	20	20	22	179	1,639
		# Enrolled	127	122	95	1,238	21,647
		Avg Section Enrollment	6.4	6.1	4.3	6.9	13.2
#	15	15	16	170	1,403		

		Physics			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Lab	Sections Faculty Taught	75.0	75.0	72.7	95.0	85.6
	Sections Offered				1	55
	# Enrolled				8	507
	Avg Section Enrollment				8.0	9.2
	Sections Faculty Taught				100.0	65.5
Other Course Types	Sections Offered	33	35	33	659	1,979
	# Enrolled	104	79	80	1,007	5,590
	Avg Section Enrollment	3.2	2.3	2.4	1.5	2.8
	Sections Faculty Taught	100.0	94.3	93.9	91.0	93.4
	Sections Offered	33	33	31	600	1,848

Physics			College Total	University Total
2011-2012	2012-2013	2013-2014	2013-2014	2013-2014

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Taught

Source: Instruction and Research File and Student Data Course File

'Other Course Types' includes DIS, Thesis/Dissertation Research, Individual Performance Instruction, Internships, etc.

Sections taught by tenured, tenure-earning and non-tenure-earning faculty are counted as 'faculty-taught'

B 4 a Majors Enrolled By Level (Annual Headcount)
Physics (Program CIP: 400801)

	Physics					College Total	University Total
	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Professional							187
Bachelors	35	50	48	67	85	5,828	28,919
Masters/Specialist	2	7	4	1		203	4,569
Doctoral	34	29	33	27	30	271	971
Unclassified							2,912
Total	71	86	85	95	115	6,302	37,558

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring.

Students enrolled in more than one term during the year are included in the level of their latest term.

B 4 b Majors Enrolled (Annual Headcount) By Gender and Ethnicity
 Physics (Program CIP: 400801)

		Physics			College Total	University Total	
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014	
Professional	Asian or Pacific Islander	Female				14	
		Male				9	
		Total					23
	Black (Not of Hispanic Origin)	Female					7
		Male					1
		Total					8
	Hispanic	Female					20
		Male					7
		Total					27
	White (Not of Hispanic Origin)	Female					57
		Male					68
		Total					125
	Not Reported	Female					2
		Male					2
		Total					4
Total	Female					100	
	Male					87	
	Total					187	
Undergraduate	Female				23	92	

		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
	American Indian/Alaskan Native	Male	1	1	19	88
		Total	1	1	42	180
	Asian or Pacific Islander	Female	1	4	292	849
		Male	2	2	154	668
		Total	2	3	446	1,517
	Black (Not of Hispanic Origin)	Female	3	2	822	3,648
		Male	3	6	330	2,216
		Total	6	8	1,152	5,864
	Hispanic	Female	2	3	1,060	4,153
		Male	6	5	483	2,940
		Total	6	7	1,543	7,093
	White (Not of Hispanic Origin)	Female	5	6	1,531	7,204
		Male	26	38	920	6,070
		Total	31	44	2,451	13,274
	Non-Resident Alien	Female	3	2	87	342
		Male	2	3	32	287
		Total	3	4	119	629
	Not Reported	Female			48	213
		Male			27	149
		Total			75	362
	Total	Female	11	13	3,863	16,501
		Male	37	54	1,965	12,418
		Total	48	67	5,828	28,919
	Graduate	American Indian/Alaskan Native	Female			3
		Male				4
		Total			3	19

		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
	Asian or Pacific Islander	Female			12	148
		Male			10	114
		Total			22	262
	Black (Not of Hispanic Origin)	Female			10	652
		Male	1	1	1	243
		Total	1	1	1	895
	Hispanic	Female			24	495
		Male	0		25	346
		Total	0		49	841
	White (Not of Hispanic Origin)	Female	2	2	2	1,848
		Male	10	8	7	1,211
		Total	12	10	9	3,059
	Non-Resident Alien	Female	3	2	2	195
		Male	21	15	18	213
		Total	24	17	20	408
	Not Reported	Female			4	36
		Male				20
		Total			4	56
	Total	Female	5	4	4	3,389
		Male	32	24	26	2,151
		Total	37	28	30	5,540
Unclassified	American Indian/Alaskan Native	Female				1
		Male				3
		Total				4
	Asian or Pacific Islander	Female				136
		Male				124
		Total				260

		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
Black (Not of Hispanic Origin)	Female					276
	Male					136
	Total					412
Hispanic	Female					299
	Male					210
	Total					509
White (Not of Hispanic Origin)	Female					841
	Male					728
	Total					1,569
Non-Resident Alien	Female					62
	Male					67
	Total					129
Not Reported	Female					16
	Male					13
	Total					29
Total	Female					1,631
	Male					1,281
	Total					2,912

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring.

Students enrolled in more than one term during the year are included in the level of their latest term.

C 1 Annualized State-Fundable FTE Produced By Level
Physics

	Physics			College Total	University Total
	2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
Undergraduate Total	330.5	355.2	370.7	4,045.6	15,526.9
Graduate Total	21.4	18.1	16.5	195.8	2,195.3
Grad I	4.9	4.8	3.7	80.2	1,796.2
Grad II	16.5	13.3	12.8	115.6	399.1
Classroom	15.0	13.3	10.3	157.2	2,064.1
Thesis-Dissertation	6.4	4.8	6.2	38.6	131.2
Grand Total	352.0	373.3	387.2	4,241.4	17,722.2

Source: Student Data Course File

Based On State-Fundable Credit Hours

Note: Grad I and Grad II groups will sum to Graduate Total; Classroom and Thesis-Dissertation will sum to Graduate Total.

C 2 Annualized State-Fundable FTE Produced In/Out Of Department or College
Physics

		Courses offered by:				
		Physics			College of Science	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
Course Level	FTE produced by students who are:					
Lower Division Undergraduate	Majors within the department	2.0	5.1	5.8	203.3	727.9
	Majors outside the department, but within the college	144.9	168.6	166.1	847.2	1,753.5
	Majors outside the college	176.4	173.0	187.7	1,661.6	4,312.6
	Total	323.2	346.6	359.6	2,712.1	6,794.0
Upper Division Undergraduate	FTE produced by students who are:					
	Majors within the department	5.3	6.6	8.0	812.8	5,096.5
	Majors outside the department, but within the college	0.7	0.2	1.7	283.0	2,434.0
	Majors outside the college	1.3	1.9	1.4	237.8	1,202.4
	Total	7.3	8.6	11.1	1,333.6	8,732.9
Graduate	FTE produced by students who are:					
	Majors within the department	21.0	16.4	15.6	162.1	1,749.1
	Majors outside the department, but within the college		0.8	0.4	11.0	303.7
	Majors outside the college	0.5	0.9	0.5	22.7	142.5
	Total	21.4	18.1	16.5	195.8	2,195.3

		Courses offered by:				
		Physics			College of Science	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
Total	FTE produced by students who are:					
	Majors within the department	28.2	28.0	29.4	1,178.1	7,573.6
	Majors outside the department, but within the college	145.6	169.5	168.1	1,141.2	4,491.2
	Majors outside the college	178.1	175.7	189.6	1,922.0	5,657.4
	Total	352.0	373.3	387.2	4,241.4	17,722.2

Source: Student Data Course File
Based On State-Fundable Credit Hours

C 3 Degrees Awarded
Physics (Program CIP: 400801)

		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
	Degrees awarded with a:					
Associates	Single major					353.0
	All					353.0
Bachelors	Degrees awarded with a:	3.0	2.0	6.0	864.0	4,813.0

		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
	Single major					
	Double or triple major				12.5	204.0
	All	3.0	2.0	6.0	876.5	5,017.0
Masters	Degrees awarded with a:					
	Single major	7.0	7.0	5.0	84.0	1,355.0
	All	7.0	7.0	5.0	84.0	1,355.0
Specialist	Degrees awarded with a:					
	Single major					35.0
	All					35.0
Doctorate	Degrees awarded with a:					
	Single major	6.0		3.0	27.0	128.0
	All	6.0		3.0	27.0	128.0
Total	Degrees awarded with a:					
	Single major	16.0	9.0	14.0	975.0	6,684.0
	Double or triple major				12.5	204.0
	All	16.0	9.0	14.0	987.5	6,888.0

Source: Student Data Course File

Note: Degrees awarded with multiple majors may result in fractional degree totals for some groups.

A degree awarded with a single major contributes 1 degree, a double major contributes 1/2 degree in each major, and a triple major contributes 1/3 degree in each major to the degree totals.

Efficiency Data

D 1 Annualized FTE Produced Per Instructional Person-Year

Physics

	Physics			College Total	University Total
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Undergraduate	14.2	16.2	16.7	19.5	18.3
Graduate	0.9	0.8	0.7	0.9	2.6
Total	15.1	17.0	17.4	20.4	20.9

Source: Instruction and Research File and Student Data Course File

Includes Instructional Person-Years from all personnel categories.

Annualized FTE (C 1) produced for each person-year devoted to instruction (B 1 department total).

D 2 Degrees Awarded Per FACULTY Instructional Person Year

Physics (Program CIP: 400801)

	Physics			College Total	University Total
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Associates	0	0	0	0	0.7
Bachelors	0.5	0.3	0.8	12.4	10.4
Masters	1.1	1.1	0.7	1.2	2.8
Specialist	0	0	0	0	0.1
Doctorate	0.9	0	0.4	0.4	0.3
Total	2.4	1.4	1.9	14.0	14.2

Source: Instruction and Research File and Student Data Course File

Includes Instructional Person-Years from Tenured, Tenure-earning and Non-tenure-earning faculty only

Number of Degrees (C 3) produced for each Faculty person-year devoted to instruction (B 1 tenured, tenure-earning and non-tenure-earning faculty).

Effectiveness Data

E 1 Rating of Quality of Instruction (item 20) and Instructor (item 21) from Student Perception of Teaching (SPOT)

Physics

20. Rate the quality of instruction as it contributed to your learning in the course.

Scale 1=Excellent 5=Poor		Physics			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Undergraduate	# Sections	147	208	127	911	3,329
	Mean Rating	2.0	1.9	2.0	2.0	1.9
Graduate	# Sections	13	15	5	52	562
	Mean Rating	2.0	2.2	1.6	1.7	1.6
Total	# Sections	160	223	132	963	3,891
	Mean Rating	2.0	1.9	2.0	2.0	1.8

Source: Student Perception of Teaching Results, Summer 2011 to Fall 2013

Effectiveness Data

E 1 Rating of Quality of Instruction (item 20) and Instructor (item 21) from Student Perception of Teaching (SPOT)

Physics

21. What is your rating of this instructor compared to other instructors you have had?

Scale: 1=One of Most Effective 5=One of Least Effective		Physics			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Undergraduate	# Sections	147	208	127	911	3,329
	Mean Rating	2.2	2.1	2.3	2.2	2.0
Graduate	# Sections	13	15	5	52	562
	Mean Rating	2.1	2.2	1.6	1.9	1.9
Total	# Sections	160	223	132	963	3,891
	Mean Rating	2.2	2.1	2.2	2.2	2.0

Source: Student Perception of Teaching Results, Summer 2011 to Fall 2013

E 2 Mean Rating of Satisfaction With Instruction & Advising In Program

Physics

Student Level	Physics							College Total	University Total
	2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2012-2013	
	200	200	200	200	200	201	201	2012-2013	2012-2013
	1	3	5	7	9	1	3		
		2	2	1	1	1	5	356	2,211

			Physics					College	University		
			2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	Total	Total	
			2001	2003	2005	2007	2009	2011	2012-2013	2012-2013	
Undergraduate	Quality of courses in degree program	# Responses									
		Mean	4.0	3.0	2.0	4.0	3.0	3.4	3.0	3.0	
	Quality of instructors in degree program	# Responses		2	2	1	1	1	4	333	2,137
		Mean	4.0	3.0	4.0	4.0	4.0	3.2	2.9	2.9	3.0
Graduate	Quality of advising in college advising office	# Responses		1	1	0	1	0	4	310	1,933
		Mean	4.0	4.0	4.0	4.0	3.5	2.8	2.8	2.8	2.8
	Quality of advising by faculty	# Responses		1	0	0	1	1	4	257	1,808
		Mean	2.0	2.0	4.0	4.0	3.0	2.8	2.9	2.8	2.9
Graduate	Quality of courses	# Responses	4	0	1		4	4	13	476	

		Physics						College Total	University Total
		2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2012-2013
in degree program	Mean	3.5	3.0			2.2	3.5	3.3	3.1
	Quality of instructors in degree program # Responses	4	0	1			4	5	14
Quality of advising in college advising office	Mean	3.2	3.0			2.5	3.4	3.4	3.2
	Quality of advising by faculty # Responses	2	0	0			1	1	7
Quality of advising by faculty	Mean	3.0				2.0	2.0	2.8	3.0
	Quality of advising by faculty # Responses	4	0	1			3	3	12
	Mean	3.5	2.0			2.3	3.3	3.1	3.1

Scale 1=Poor 4=Excellent
Source: Student Satisfaction Survey

II. Research, Creative & Scholarly Activities

A Assessment Goals and Outcomes for Research (reported separately)

B 1 Faculty Person Years and FTE Devoted to Research

Physics

				Physics			Colleg	Universit	
				2011	2012	2013	e Total	y Total	
				-	-	-	2013-	2013-2014	
				2012	2013	2014	2014		
Departmental Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	2.9	1.9	1.5	21.5	98.6	
			FTE	3.8	2.5	2.0	28.6	131.5	
	Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person -Years				2.4	6.0	
			FTE				3.2	8.0	
	Other personnel paid on faculty pay plan	--	Person -Years	0.4	0.1	0.2	2.0	11.2	
			FTE	0.6	0.1	0.2	2.7	14.9	
	Total		Person -Years	3.3	2.0	1.7	25.8	115.8	
			FTE	4.4	2.6	2.2	34.4	154.4	
	Sponsored Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	1.0	0.6	1.0	6.0	24.9
				FTE	1.3	0.7	1.3	8.0	33.2
Non-tenure-earning faculty		Instructors, Lecturers, Visiting Faculty	Person -Years				0.0	5.1	
			FTE				0.1	6.8	
Other personnel paid on		--	Person -Years	0.7	0.9		3.2	25.6	
			FTE	0.9	1.2		4.3	34.2	

		Physics			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
faculty pay plan						
Total	Person-Years	1.6	1.5	1.0	9.3	55.7
	FTE	2.2	1.9	1.3	12.4	74.2

Source: Instruction and Research File

'Other personnel paid on faculty pay plan' includes Scholar/Scientist/Engineer (all ranks), Research Assoc, Assoc In, Asst In, Postdoctoral Assoc

Includes summer, fall and spring semester data

Person-year= 1 person working full time for one year

1.00 FTE = .75 person-years

C 1-9 Research/Scholarly Productivity

Physics

		Physics			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
1. Books (including monographs & compositions)	#	5	7	4	13	114
2. Other peer-reviewed publications	#	22	21	23	232	1,019
3. All other publications	#	9	16	8	31	565
4. Presentations at professional meetings or conferences	#	20	27	25	278	1,517

		Physics			College	University
		2011-2012	2012-2013	2013-2014	Total	Total
5. Productions/Performances/Exhibitions	#	7	34	20	29	330
6. Grant Proposals Submitted	#	12	5	1	119	379
Sponsored Research & Program Expenditures						
7. Organized Research	#	\$299,475	\$421,621	\$266,418	\$4,180,736	\$14,695,039
8. Sponsored Instruction	#	\$64,628	\$28,515	\$2,855	\$775,413	\$5,452,045
9. Other Sponsored Activities	#	\$53,325	\$0	\$0	\$448,816	\$3,337,595

Sources: College Dean's Office and Division of Research (Grant Proposals Submitted & Sponsored Research & Program Expenditures)

Note: Grant Proposals Submitted includes proposals administered by the Division of Research only. This number does not include funding proposals administered by the FAU Foundation University Total Grant Proposals Submitted excludes proposals submitted by units outside the University's Colleges (e.g., IRM, Library).

Sponsored Research and Program Expenditures excludes expenditures by units outside the University's Colleges (e.g., Library, Henderson School).

Organized Research: All research and development activities of an institution that are separately budgeted and accounted for.

Sponsored Instruction: Instructional or training activity established by grant, contract, or cooperative agreement.

Other Sponsored Activities: Programs and projects financed by Federal and non Federal agencies and organizations which involve the performance of work other than instruction and organized research (e.g., health or community service projects).

	Physics			College	University
	2011-2012	2012-2013	2013-2014	Total	Total
1. Books (including monographs & compositions) per faculty member	0.4	0.8	0.4	0.1	0.2
2. Other peer-review publications per faculty member	1.8	2.3	2.6	2.2	1.6
3. All other publications per faculty member	0.8	1.8	0.9	0.3	0.9
4. Presentations at professional meetings or conferences per faculty member	1.7	3.0	2.8	2.7	2.4
5. Productions/Performances/Exhibitions per faculty member	0.6	3.8	2.2	0.3	0.5
6. Grant proposals submitted per faculty member	1.0	0.6	0.1	1.1	0.6
Sponsored Research & Program Expenditures					
7. Organized research expenditures per faculty member	\$24,956	\$46,847	\$29,602	\$40,199	\$23,288
8. Sponsored instruction expenditures per faculty member	\$5,386	\$3,168	\$317	\$7,456	\$8,640
9. Other sponsored activity expenditures per faculty member	\$4,444	\$0	\$0	\$4,316	\$5,289

Scholarly output(Section II, C 1-9) per tenured and tenure earning faculty member (Section I B 1)

III. Service

A Assessment Goals and Outcomes for Service (reported separately)

B 1-3 Service Productivity

Physics

		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
1. Faculty memberships on department, college or university committees	#	12	40	34	315	2,534
2. Faculty memberships on community or professional committees	#	2	4	4	59	1,000
3. Faculty serving as editors or referees for professional publications	#	11	13	13	92	654

Source: College Dean's Offices

C 1-3 Efficiency Data

Physics

		Physics			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
1. Faculty memberships on department, college or university committees per faculty member		1.0	4.4	3.8	3.0	4.0
2. Faculty memberships on community or professional committees per faculty member		0.2	0.4	0.4	0.6	1.6
3. Faculty serving as editors or referees for professional publications per faculty member		0.9	1.4	1.4	0.9	1.0

Faculty committee memberships and faculty serving as editors or referees (Section III B 1-3) per tenured and tenure earning faculty member (Section I B 1)