

2014-2015 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	
		2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015	
Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Total Headcount	9	9	9	111	673
		Total Person-Years	7.7	7.9	7.6	94.0	577.6
		Person-Years Devoted To Instruction	3.8	4.0	3.0	42.3	294.0
		Total FTE	10.2	10.5	10.2	125.3	770.2
		FTE Devoted to Instruction	5.1	5.3	4.0	56.3	392.0
Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Total Headcount	3	4	5	40	260
		Total Person-Years	2.6	3.8	4.3	31.6	212.0
		Person-Years Devoted To Instruction	2.4	3.3	3.6	25.8	166.7
		Total FTE	3.4	5.0	5.8	42.1	282.6

			Physics			College Total	University Total
			2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
Other personnel paid on faculty pay plan	Scholar/ Scientist/ Engineer, Research Assoc, Assoc In, Asst In, Postdoc Assoc	FTE Devoted to Instruction	3.2	4.5	4.8	34.4	222.2
		Total Headcount	3	2	2	15	65
		Total Person- Years	2.5	1.7	1.7	9.5	53.0
		Person- Years Devoted To Instruction	1.4	1.4	1.1	4.4	9.3
		Total FTE	3.4	2.3	2.3	12.7	70.7
		FTE Devoted to Instruction	1.9	1.9	1.5	5.9	12.4
Adjuncts	--	Total Headcount	3	6	5	49	590
		Total Person- Years	1.1	1.1	0.9	10.4	107.2
		Person- Years Devoted To Instruction	1.0	1.0	0.9	9.3	102.3
		Total FTE	1.4	1.5	1.2	13.9	142.9
		FTE Devoted to Instruction	1.3	1.4	1.2	12.4	136.4
		Total Headcount	34	33	31	374	1,136
Graduate Assistants	--	Total Person- Years	13.6	12.5	12.9	141.4	351.6

		Physics			College Total	University Total
		2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
Other	--	Person-Years Devoted To Instruction				
		12.6	12.1	12.9	128.6	240.8
		Total FTE				
		18.1	16.7	17.2	188.5	468.7
		FTE Devoted to Instruction				
		16.8	16.2	17.1	171.5	321.1
		Total Headcount				
		4	3	2	40	231
		Total Person-Years				
		0.8	0.3	0.6	10.1	41.7
Total		Person-Years Devoted To Instruction				
		0.7	0.3	0.2	1.7	12.8
		Total FTE				
		1.1	0.4	0.8	13.5	55.6
		FTE Devoted to Instruction				
		0.9	0.4	0.2	2.3	17.1
		Total Headcount				
		56	57	54	629	2,955
		Total Person-Years				
		28.3	27.3	28.1	297.0	1,343.0
	Person-Years Devoted To Instruction					
	22.0	22.2	21.6	212.2	825.9	
	Total FTE					
	37.7	36.4	37.4	396.0	1,790.7	
	FTE Devoted to Instruction					
	29.3	29.6	28.9	282.9	1,101.2	

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
		2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
American Indian/Alaskan Native	Male					2
	Total					2
Asian or Pacific Islander		1		0	1	1
	Female	1	1	1	8	35
	Male	1	2	2	16	88
	Total	3	3	3	25	124
Black (Not of Hispanic Origin)						0
	Female				1	36
	Male				4	23
	Total				5	59
Hispanic						1
	Female				3	29
	Male	1	1	1	4	22

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Physics			College Total	University Total
		2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
Total		1	1	1	7	52
White (Not of Hispanic Origin)		0		2	8	16
Female		1	2	2	32	296
Male		9	9	8	81	376
Total		10	11	12	121	688
Total		1		2	9	18
Female		2	3	3	44	396
Male		11	12	11	105	511
Total		14	15	16	158	925

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
		2012- 2013	2013- 2014	2014- 2015	2014-2015	2014-2015
Asian or Pacific Islander	Female			1	1	13
	Male		1		2	13
	Total		1	1	3	26
Black (Not of Hispanic Origin)	Female				4	27
	Male				1	18
	Total				5	45

Adjuncts		Physics			College Total	University Total
		2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Hispanic	Female				1	12
	Male				1	10
	Total				2	22
White (Not of Hispanic Origin)	Female	1	1	1	23	280
	Male	2	4	3	15	217
	Total	3	5	4	38	497
Total	Female	1	1	2	29	332
	Male	2	5	3	19	258
	Total	3	6	5	48	590

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
			2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Undergraduate	Lecture/Seminar		47	52	49	739	5,102
		# Enrolled	3,535	3,706	3,486	48,258	194,750

		Physics			College Total	University Total
		2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Lab	Avg Section Enrollment	75.2	71.3	71.1	65.3	38.2
	Sections Faculty Taught	38	45	44	516	3,513
	Sections Offered	124	128	136	667	913
	# Enrolled	1,931	1,961	1,920	12,360	16,622
	Avg Section Enrollment	15.6	15.3	14.1	18.5	18.2
	Sections Faculty Taught	123	81	136	339	426
	Sections Offered	99.2	63.3	100.0	50.8	46.7
	Sections Offered				140	296
	# Enrolled				4,016	7,985
	Avg Section Enrollment				28.7	27.0
Discussion						

		Physics			College Total	University Total
		2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Other Course Types	Enrollment					
	Sections				99	237
	Faculty Taught				70.7	80.1
	Sections Offered	3	3	7	274	1,250
	# Enrolled	6	3	9	909	7,543
	Avg Section Enrollment	2.0	1.0	1.3	3.3	6.0
	Sections	3	3	7	262	934
	Faculty Taught	100.0	100.0	100.0	95.6	74.7
	Sections Offered	20	22	20	166	1,628
	# Enrolled	122	95	92	1,129	21,457
Avg Section Enrollment	6.1	4.3	4.6	6.8	13.2	
#	15	16	14	150	1,379	
Graduate	Lecture/Seminar					

		Physics			College Total	University Total
		2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Lab	Sections Faculty Taught	75.0	72.7	70.0	90.4	84.7
	Sections Offered				3	60
	# Enrolled				27	518
	Avg Section Enrollment				9.0	8.6
	Sections Faculty Taught				66.7	58.3
Other Course Types	Sections Offered	35	33	28	642	1,880
	# Enrolled	79	80	83	1,001	3,735
	Avg Section Enrollment	2.3	2.4	3.0	1.6	2.0
	Sections Offered	33	31	28	594	1,785
	Sections Faculty Taught	94.3	93.9	100.0	92.5	94.9

Physics			College Total	University Total
2012-2013	2013-2014	2014-2015	2014-2015	2014-2015

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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
	2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Professional					249
Bachelors	67	85	70	5,696	28,561
Masters/Specialist	1			188	4,467
Doctoral	27	30	32	273	985
Unclassified					3,104
Total	95	115	102	6,157	37,366

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
			2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
Professional	Asian or Pacific Islander	Female					20
		Male					14
		Total					34
	Black (Not of Hispanic Origin)	Female					8
		Male					1
		Total					9
	Hispanic	Female					23
		Male					8
		Total					31
	White (Not of Hispanic Origin)	Female					73
		Male					92
		Total					165
	Not Reported	Female					3
		Male					7
		Total					10
Total	Female					127	
	Male					122	
	Total					249	
Undergraduate	American Indian/Alaskan Native	Female				25	102
		Male	1	1	1	21	92
		Total	1	1	1	46	194

		Physics			College Total	University Total	
		2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015	
Graduate	Asian or Pacific Islander	Female	1	4	4	306	870
		Male	2	2	2	177	709
		Total	3	6	6	483	1,579
	Black (Not of Hispanic Origin)	Female	2	3	3	850	3,773
		Male	6	6	5	334	2,276
		Total	8	9	8	1,184	6,049
	Hispanic	Female	2	3	2	1,056	4,181
		Male	5	8	6	492	2,952
		Total	7	11	8	1,548	7,133
	White (Not of Hispanic Origin)	Female	6	7	9	1,413	6,815
		Male	38	46	33	854	5,847
		Total	44	53	42	2,267	12,662
	Non-Resident Alien	Female	2	2	1	86	362
		Male	2	3	4	36	325
		Total	4	5	5	122	687
	Not Reported	Female				31	150
		Male				15	107
		Total				46	257
	Total	Female	13	19	19	3,767	16,253
		Male	54	66	51	1,929	12,308
		Total	67	85	70	5,696	28,561
American Indian/Alaskan Native	Female				3	21	
	Male					4	
	Total				3	25	
Asian or Pacific Islander	Female				11	148	
	Male				13	108	
	Total				24	256	

		Physics			College Total	University Total
		2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
Black (Not of Hispanic Origin)	Female				9	695
	Male	1	1	1	11	260
	Total	1	1	1	20	955
Hispanic	Female				24	504
	Male				22	365
	Total				46	869
White (Not of Hispanic Origin)	Female	2	2	1	149	1,771
	Male	8	7	8	134	1,141
	Total	10	9	9	283	2,912
Non-Resident Alien	Female	2	2	3	28	198
	Male	15	18	19	55	210
	Total	17	20	22	83	408
Not Reported	Female				2	18
	Male					9
	Total				2	27
Total	Female	4	4	4	226	3,355
	Male	24	26	28	235	2,097
	Total	28	30	32	461	5,452
Unclassified	American Indian/Alaskan Native	Female				2
		Male				6
		Total				
Asian or Pacific Islander	Female					156
	Male					157
	Total					313
Black (Not of Hispanic Origin)	Female					248
	Male					125
	Total					373

		Physics			College Total	University Total
		2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
Hispanic	Female					338
	Male					217
	Total					555
White (Not of Hispanic Origin)	Female					882
	Male					761
	Total					1,643
Non-Resident Alien	Female					82
	Male					101
	Total					183
Not Reported	Female					19
	Male					10
	Total					29
Total	Female					1,727
	Male					1,377
	Total					3,104

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.

Productivity Data

C 1 Annualized State-Fundable FTE Produced By Level
Physics

	Physics			College Total	University Total
	2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Undergraduate Total	355.2	370.7	356.1	3,961.1	15,316.6
Graduate Total	18.1	16.5	14.2	184.3	2,013.5
Grad I	4.8	3.7	2.5	74.8	1,616.5
Grad II	13.3	12.8	11.6	109.4	396.9
Classroom	13.3	10.3	9.3	146.7	1,882.2
Thesis-Dissertation	4.8	6.2	4.9	37.5	131.2
Grand Total	373.3	387.2	370.2	4,145.4	17,330.1

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

Course Level	FTE produced by students who are:	Courses offered by:				
		Physics			College of Science	University Total
		2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
		5.1	5.8	4.9	202.9	738.4

		Courses offered by:				
		Physics		College of Science	University Total	
		2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
Lower Division Undergraduate	Majors within the department					
	Majors outside the department, but within the college	168.6	166.1	160.6	814.8	1,699.2
	Majors outside the college	173.0	187.7	176.6	1,637.3	4,149.2
	Total	346.6	359.6	342.1	2,655.0	6,586.8
Upper Division Undergraduate	FTE produced by students who are:					
	Majors within the department	6.6	8.0	11.2	793.7	5,147.9
	Majors outside the department, but within the college	0.2	1.7	1.2	284.4	2,347.7
	Majors outside the college	1.9	1.4	1.6	228.0	1,234.2
Total	8.6	11.1	13.9	1,306.2	8,729.8	
Graduate	FTE produced by students who are:					
	Majors within the department	16.4	15.6	13.7	153.2	1,652.8
	Majors outside the department, but within the college	0.8	0.4	0.0	11.6	243.8
	Majors outside the college	0.9	0.5	0.5	19.4	116.9
Total	18.1	16.5	14.2	184.3	2,013.5	
Total	FTE produced by students who are:	28.0	29.4	29.8	1,149.9	7,539.1

	Courses offered by:				
	Physics			College of Science	University Total
	2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Majors within the department					
Majors outside the department, but within the college	169.5	168.1	161.8	1,110.8	4,290.7
Majors outside the college	175.7	189.6	178.7	1,884.7	5,500.2
Total	373.3	387.2	370.2	4,145.4	17,330.1

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

C 3 Degrees Awarded
Physics (Program CIP: 400801)

		Physics			College Total	University Total
		2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Associates	Degrees awarded with a:					
	Single major					360.0
	All					360.0
Bachelors	Degrees awarded with a:					
	Single major	2.0	6.0	9.0	862.0	5,269.0

		Physics			College Total	University Total
		2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
	Double or triple major				12.0	204.0
Masters	All	2.0	6.0	9.0	874.0	5,473.0
	Degrees awarded with a:					
	Single major	7.0	5.0	4.0	93.0	1,390.0
	Double or triple major					1.0
Specialist	All	7.0	5.0	4.0	93.0	1,391.0
	Degrees awarded with a:					
	Single major					16.0
	All					16.0
Doctorate	Degrees awarded with a:					
	Single major		3.0	1.0	27.0	114.0
	All		3.0	1.0	27.0	114.0
Certificates	Degrees awarded with a:					
	Single major					54.0
	All					54.0
Total	Degrees awarded with a:					
	Single major	9.0	14.0	14.0	982.0	7,203.0
	Double or triple major				12.0	205.0
	All	9.0	14.0	14.0	994.0	7,408.0

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
	2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Undergraduate	16.2	16.7	16.5	18.7	18.5
Graduate	0.8	0.7	0.7	0.9	2.4
Total	17.0	17.4	17.1	19.5	21.0

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
	2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Associates	0	0	0	0	0.8
Bachelors	0.3	0.8	1.4	12.8	11.9
Masters	1.1	0.7	0.6	1.4	3.0
Specialist	0	0	0	0	0.0

	Physics			College Total	University Total
	2012-2013	2013-2014	2014-2015	2014-2015	2014-2015
Doctorate	0	0.4	0.2	0.4	0.2
Certificates	0	0	0	0	0.1
Total	1.4	1.9	2.1	14.6	16.1

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 Course as a whole (item 20) and Instructor's Overall Teaching Effectiveness (item 21) from Student Perception of Teaching (SPOT)

Physics

20. This course as a whole was.

Scale 1=Excellent 5=Poor	Physics			College Total			University Total			
	Fall 201 4	Sprin g 201 5	Summ er 201 5	Fall 201 4	Sprin g 201 5	Summ er 201 5	Fall 201 4	Sprin g 201 5	Summ er 201 5	
Undergraduate	# Sectio ns	65	53	18	587	554	204	2,450	2,401	844
	Mean Rating	2.3	2.4	2.5	2.3	2.3	2.2	2.1	2.1	2.0
Graduate	# Sectio ns	3	4	1	34	43	4	368	452	154
	Mean Rating	2.3	1.8	2.0	2.0	1.8	2.1	1.9	1.9	1.8

20. This course as a whole was.

Scale 1=Excellent 5=Poor		Physics			College Total			University Total		
		Fall 2014	Sprin g 2015	Summ er 2015	Fall 2014	Sprin g 2015	Summ er 2015	Fall 2014	Sprin g 2015	Summ er 2015
Total	# Sectio ns	68	57	19	621	597	208	2,818	2,853	998
	Mean Rating	2.3	2.3	2.5	2.3	2.2	2.2	2.1	2.1	2.0

Source: Student Perception of Teaching Results, Fall 2014 to Summer 2015

Effectiveness Data

E 1 Rating Course as a whole (item 20) and Instructor's Overall Teaching Effectiveness (item 21) from Student Perception of Teaching (SPOT)

Physics

21. Rate your instructor's overall teaching effectiveness in this course

Scale: 1=Excellent 5=Poor		Physics			College Total			University Total		
		Fall 2014	Sprin g 2015	Summ er 2015	Fall 2014	Sprin g 2015	Summ er 2015	Fall 2014	Sprin g 2015	Summ er 2015
Undergradu ate	# Sectio ns	65	53	18	587	554	204	2,450	2,401	844
	Mean Rating	2.0	2.2	2.2	2.1	2.0	1.9	1.9	1.9	1.8
Graduate	# Sectio ns	3	4	1	34	43	4	368	452	154

21. Rate your instructor's overall teaching effectiveness in this course

Scale: 1=Excellent 5=Poor		Physics			College Total			University Total		
		Fall 2014	Spring 2015	Summer 2015	Fall 2014	Spring 2015	Summer 2015	Fall 2014	Spring 2015	Summer 2015
Total	Mean Rating	2.4	1.6	1.4	1.8	1.7	1.7	1.8	1.8	1.6
	# Sections	68	57	19	621	597	208	2,818	2,853	998
	Mean Rating	2.0	2.2	2.2	2.1	2.0	1.9	1.9	1.9	1.8

Source: Student Perception of Teaching Results, Fall 2014 to Summer 2015

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

Student Level	Quality of courses in degree program	# Responses	Physics						College Total	University Total
			2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2012-2013
Undergraduate			2	2	1	1	1	5	356	2,211

		Physics						College Total	University Total	
		2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2012-2013	
Quality of instruction 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	3.0	
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	4.0	3.5	2.8	2.8	
Quality of advising by faculty	# Responses	1	0	0	1	1	4	257	1,808	
	Mean	2.0	2.0	2.0	4.0	4.0	3.0	2.8	2.9	
Graduate Quality of courses in degree program	# Responses	4	0	1	0	0	4	4	13	476
	Mean	3.5	3.0	3.0	3.0	3.0	2.2	3.5	3.3	3.1

		Physics						College Total	University Total	
		2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2012-2013	
Quality of instructors in degree program	# Responses	4	0	1			4	5	14	461
	Mean	3.2		3.0			2.5	3.4	3.4	3.2
Quality of advising in college advising office	# Responses	2	0	0			1	1	7	308
	Mean	3.0					2.0	2.0	2.8	3.0
Quality of advising by faculty	# Responses	4	0	1			3	3	12	358
	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			College Total	University Total	
				2012	2013	2014	2014-	2014-2015	
				-	-	-	2015		
				2013	2014	2015			
Departmental Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	1.9	1.5	2.3	26.4	124.6	
			FTE	2.5	2.0	3.1	35.3	166.1	
	Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person -Years			0.3	2.4	5.2	
			FTE			0.4	3.2	6.9	
	Other personnel paid on faculty pay plan	--	Person -Years	0.1	0.2	0.4	2.9	12.4	
			FTE	0.1	0.2	0.5	3.9	16.6	
	Total		Person -Years	2.0	1.7	3.0	31.8	142.2	
			FTE	2.6	2.2	4.0	42.3	189.6	
	Sponsored Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	0.6	1.0	0.4	4.3	21.8
				FTE	0.7	1.3	0.6	5.7	29.1
Non-tenure-earning faculty		Instructors, Lecturers, Visiting Faculty	Person -Years				0.1	3.2	
			FTE				0.1	4.3	
Other personnel paid on faculty pay plan		--	Person -Years	0.9			1.3	24.1	
			FTE	1.2			1.8	32.1	
Total			Person -Years	1.5	1.0	0.4	5.7	49.1	
			FTE	1.9	1.3	0.6	7.6	65.5	

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	University
		2012- 2013	2013- 2014	2014- 2015	Total 2014- 2015	Total 2014-2015
1. Books (including monographs & compositions)	#	7	4	3	9	115
2. Other peer-reviewed publications	#	21	23	27	257	1,269
3. All other publications	#	16	8	19	43	544
4. Presentations at professional meetings or conferences	#	27	25	32	322	1,757
5. Productions/Performances/Exhibitions	#	34	20	15	17	335
6. Grant Proposals Submitted	#	5	1	3	125	345
Sponsored Research & Program Expenditures						
7. Organized Research	#	\$421,621	\$266,418	\$0	\$0	\$0
8. Sponsored Instruction	#	\$28,515	\$2,855	\$0	\$0	\$0
9. Other Sponsored Activities	#	\$0	\$0	\$0	\$0	\$0

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).

D 1-9 Efficiency Data

Physics

	Physics			College Total	University Total
	2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
1. Books (including monographs & compositions) per faculty member	0.8	0.4	0.3	0.1	0.2
2. Other peer-review publications per faculty member	2.3	2.6	3.0	2.3	1.9
3. All other publications per faculty member	1.8	0.9	2.1	0.4	0.8
4. Presentations at professional meetings or conferences per faculty member	3.0	2.8	3.6	2.9	2.6
5. Productions/Performances/Exhibitions per faculty member	3.8	2.2	1.7	0.2	0.5
6. Grant proposals submitted per faculty member	0.6	0.1	0.3	1.1	0.5

	Physics			College	University
	2012-2013	2013-2014	2014-2015	Total 2014-2015	Total 2014-2015
Sponsored Research & Program Expenditures					
7. Organized research expenditures per faculty member	\$46,847	\$29,602	\$0	\$0	\$0
8. Sponsored instruction expenditures per faculty member	\$3,168	\$317	\$0	\$0	\$0
9. Other sponsored activity expenditures per faculty member	\$0	\$0	\$0	\$0	\$0

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	University
		2012-2013	2013-2014	2014-2015	Total 2014-2015	Total 2014-2015
1. Faculty memberships on department, college or university committees	#	40	34	43	323	3,055
2. Faculty memberships on community or professional committees	#	4	4	8	72	1,086
3. Faculty serving as editors or referees for professional publications	#	13	13	15	93	629

Source: College Dean's Offices

C 1-3 Efficiency Data

Physics

	Physics			College Total	University Total
	2012- 2013	2013- 2014	2014- 2015	2014- 2015	2014-2015
1. Faculty memberships on department, college or university committees per faculty member	4.4	3.8	4.8	2.9	4.5
2. Faculty memberships on community or professional committees per faculty member	0.4	0.4	0.9	0.6	1.6
3. Faculty serving as editors or referees for professional publications per faculty member	1.4	1.4	1.7	0.8	0.9

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)