

PHYSICS AT SOUTHERN

Volume 42, electronic issue #4

Published once in awhile

November 7, 2000 For students, past & present, and friends of the Department

(SAU logo here)

(Physics Dept logo here)

THE MYSTERY PHOTO

The mystery has been solved. The child is the Ashcraft's newly adopted family member, in Linda's arms. If you would like to look at this beautiful photo, contact Larry and Linda at ashcraft@worldshare.net

STATISTICAL REPORT

Advanced degrees

Every 10 years or so, this "periodical" has presented a statistical analysis of the occupational activities of Physics Alumni. Here, we present some other items of interest. Unfortunately, it has proven impossible to gather sufficient data for those who were Physics majors but did not graduate. The editor is confident that they would present a similarly impressive record.

Masters in physics		
Not followed by or part of PhD	10.8%	
Total, including those followed by PhD		13.2%
PhD in physics		18.1%
Postdoc in physics		7.2%
PhD in chemistry		1.2%
Postdoc in chemistry		1.2%
Masters in mathematics		
Not followed by PhD	2.4%	
Total		3.6%
PhD in mathematics		2.4%
Masters in computer science		
Not followed by PhD		1.2%
Total		2.4%
PhD in computer science		1.2%
Ms in engineering		2.4%
Total MS/MA, Physical Science, Computers, Mathematics, and Engineering, not followed by PhD		16.9%
Total PhD, Physical Science, Computers, and Mathematics		26.5%
Total Postdocs, , Physical Science, Computers, and Mathematics		8.4%

PhD in history of science	1.2%
Masters in music	1.2%
Masters in education	
Not followed by or part of PhD	4.8%
Total	6.0%
PhD in education admin. or statistics	2.4%
MBA	1.2%
PhD in speech	1.2%
JD	1.2%
MD	7.2%
DVM	2.4%
DDS	1.2%
Total MS/MA, Education, Business, Law, Health Delivery, Music, not followed by doctoral degree	6.0%
Total PhD, Education, Business, Law, Health Deliver, Music	15.7%
Total MS/MA, not followed by doctoral degree	22.9%
Total PhD	42.2%
Total graduates who have earned advanced degrees (not the same as the number of degrees)	63.9%

Publications of the Physics Department staff with students

This is an approximate accounting of the scientific contributions by the Physics staff since 1955. The staff comprised Professors Watt, McCurdy, Bignall, Kuhlman, Caviness, Hansen, and Hefferlin (each on the staff during some or all of the period).

Oral and poster presentations at meetings	140
Number with one or more student co-authors	50
Articles, chapters, proceedings papers, books	70
Number with one or more student co-authors	25
Number of students at least co-authoring at least one oral or poster presentation, or at least one article, chapter, proceedings paper	55
Number of students whose work resulted in acknowledgements in at least one article,	

NEWS FROM FORMER AND PRESENT (SM) STUDENTS

~ Nick Vence, SM on Yap: I derived the quadratic equation in Algebra II; they were majorly impressed. The only trouble I had was when I had to complete the square because I haven't (and don't plan to) covered this topic. I have been focusing on graphing lines, inequalities, and parabolas the past few weeks. And I think they are enjoying the change to straight algebra. I know I am. Some of them have problem just plugging in numbers. This makes graphing a nightmare when they have to plug in several points for each calculation. I am quite pleased with my juniors, and somewhat satisfied with my seniors who are covering the same material. I am going to ask the principal if I can change the name of the class from consumer math to Algebra II. My students got on to me because they wanted the bonehead do nothing calculator class.

~ Bob McCurdy is in Dallas, Texas.

SEEN DURING HOMECOMING WEEKEND

Gary and Stella Bradley
David Gentry
Scott and Nichole Puckett
Kevin and Dee Toppenberg
Carroll and Carol Wheeler

(This edition is the sole responsibility of Dr. Ray Hefferlin)