

David E. Brink
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SUMMARY:

- 37 years experience at Borger High School teaching AP Physics and Astronomy and AP Calculus
- Built physics program from one class with 4 students to multiple sections and multiple levels, requiring the addition of an additional physics teacher
- Wrote and implemented Astronomy program
- Began AP/B and AP/C Mechanics physics programs
- Built computerized physics lab, using probeware and graphing software
- Full time teaching at Frank Phillips College, teaching University Physics, College Physics, Physical Science and Astronomy.
- Professor of Physics at Frank Phillips College

EDUCATION:

B.S. Texas Christian University Physics & Mathematics double major	1972
M.Ed. West Texas State University Physics & Mathematics Education	1979
Woodrow Wilson Institute – Master Teacher Princeton University Princeton, New Jersey	July 1988
NEWMAST – Honors Teacher Kennedy Space Center Cape Canaveral, Florida	June 1989
Project SPICA – Resource Teacher Harvard-Smithsonian Center for Astrophysics Cambridge, Massachusetts	Aug 1990
Space Physics – Resource Teacher NASA Space Physics Division Iowa City, Iowa	July 1992
International Conference on High Energy Physics Superconducting, Super-Collider site Dallas, Texas	Aug 1992

TEACHING EXPERIENCE:

BORGER HIGH SCHOOL	1973 – 2010
Fundamentals of Math	1973 – 1984
Astronomy	1978 – 2003
	2009 - 2010
Physics I	1973 – 2008
Physics I Pre-AP	2008 - 2010
Physics II – AP/B	1986 – 2010
Physics III – AP/C	1996 – 2007
 FRANK PHILLIPS COLLEGE (at night)	
Introduction to Physics (trig. based)	1976 – 1979
Introduction to Physics (calculus based)	1976 – 1979
Astronomy	1991 – 1995
 FRANK PHILLIPS COLLEGE (full time)	
University Physics	2010 – present
College Physics	2010 – present
Physical Science	2010 – present
Astronomy	2010 – present
 College Board	
Consultant for AP Physics to prepare high school teachers to teach the AP Physics 1 & 2 and AP Physics C curriculum	
Present workshops at 2-Day workshops	2007 - 2015
Presented 4/5 day summer institutes	summer 2009, summer 2010 summer 2012 summer 2013 summer 2014 summer 2015

AWARDS AND HONORS:

<u>Excellence in Physics Teaching Award</u>	1988
Texas Section of the American Association of Physics Teachers	
<u>Outstanding Teacher Award</u>	1990
Tandy Technology Scholars	1999
<u>Teacher of the Year</u>	1990
Borger High School	

<u>Energy Excellence Award</u> Phillips Petroleum Company	1993
<u>Panelist – National Assessment of Educational Progress</u> United States Department of Education	1996
<u>Outstanding High School Teacher Award</u> Rose-Hullman Institute of Technology	1998
<u>Commendable Service as a Teacher Award</u> Velma Freeman Gillespie and Zelma Freeman Root Foundation	2000
<u>Teacher of the Year Award</u> West Texas A & M University	2003
<u>Teacher of the Year</u> Borger Chamber of Commerce	2003
<u>Outstanding Teacher</u> Frank Phillips College, Fall 2010	2010
<u>Faculty of the Year Award</u> Frank Phillips College, 2015 - 2016	2016

PROFESSIONAL RESPONSIBILITIES:

Borger High School

Principal's Site-Based Decision Committee

Member:	1988 – 1993
	1998 – 1999
	2006 - 2008
Chairman:	1994 – 1995
	1999 – 2000

Principal's Interview Committee: 1993 – 2006

UIL Academic Coordinator: 1999 – 2010

National Honor Society Co-Sponsor 2001 – 2006

Science Department Chairman 1985 – 2010

UIL Science Team Coach 1983 – 2010

Texas Section of the American Association of Physics Teachers

Chairman of the Secondary Awards Committee 1989 - 2002

Frank Phillips College

President of the Faculty Association 2012 – present