

CURRICULUM VITAE

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Areas of Interest:

Physics Education Research; Physics Teaching; Energy and Energy Conservation; High Energy Physics

Education:

Rutgers University	A.B., summa cum laude	1965
Princeton University	Ph.D.	1971

Employment:

Professor, OSU	1987—
Visiting Fellow, AAPT & Visiting Associate Professor, University of Maryland	1985-1987
Associate Professor, OSU	1981-1987
Alexander von Humboldt Fellow, University of Karlsruhe	1979-1980
Assistant Professor, OSU	1975-1981
Visiting Assistant Professor, University of Oregon	1972-1975
Research Associate, OSU	1970-1972

Awards:

$\Delta\Phi A$, honorary German fraternity
 ΦBK , honorary scholarly fraternity
Woodrow Wilson Fellowship, 1965-1966
NDEA Graduate Fellowship, 1966-1969
Alexander von Humboldt Fellowship, 1979-1980
Distinguished Service Citation, American Association of Physics Teachers, 1996
Award for lifetime commitment to Recycling, Keep Delaware County Beautiful, 1998
Fellow of the American Physical Society, 2000
John B. Hart Award for distinguished service, Southern Ohio Section, American Association of Physics Teachers, 2002
Howard N. Maxwell Award for distinguished service, Ohio Section, American Physical Society, 2004
AURCO Distinguished Service Award, Association of University Regional Campuses of Ohio, 2004

Louis Nemzer Award, Ohio State Chapter of the American Association of University Professors, 2004
 Fellow of the American Association for the Advancement of Science, 2010

ACTIVITIES SUMMARY:

professional meetings attended	-286
papers presented at professional meetings (total)	-469
papers presented at international conferences	- 39
invited papers at professional society meetings	- 41
invited papers at national meetings	- 12
invited papers at international conferences	- 6
juried papers at professional society meetings	- 23
 Program Chair at professional society meetings	 - 9
 Session Chair at professional society meetings	 - 33
organizer of invited session	- 9
 seminars/colloquia at outside institutions	 - 23
 workshops run	 - 50
 Conference Coordinator	 - 3
 Steering committee, International Conference	 - 4
 courses taught (does not count many independent studies)	 -320
 major grants received	 - 10
	(total approximately \$1.2 M)

PUBLICATIONS SUMMARY:

Articles:

in refereed journals		61
<i>in "letter" journals (among above articles)</i>	10	
in books as refereed contributions		28
in books as contributions (not refereed)		35
book reviews and other contributions in refereed journals		31
other publications not listed		>100
 Books edited:		3
Books written or co-written:		10
Ancillary Books or Manuals:		5
International Standards co-authored		7

