Born 1956 September 14, New York, New York. Single, U.S. Citizen.

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Occupation: Senior Research Specialist/Engineer, University of Arizona

Adjunct Faculty, Pima Community College, since 1992.

Education:

S.B., Massachusetts Institute of Technology, Cambridge, MA; Aeronautical & Astronautical Engineering, 1978.

S.B., Massachusetts Institute of Technology, Cambridge, MA; Earth & Planetary Sciences, 1980.

M.S., VANDERBILT UNIVERSITY, NASHVILLE, TN; Physics & Astronomy, 1983.

Ph.D., University of Arizona, Tucson, AZ; Planetary Sciences (Astronomy), 1990.

Professional Experience:

1974-80	MITAA Intramural Umpire and Soccer Referee		
1976	MITAA Intramural Soccer Assistant Manager		
1976-80	MIT Community Summer Softball League Umpire		
1978-80	MIT Community Summer Softball Commissioner & Umpire-in-Chief		
1978-80	Eastern Massachusetts Soccer Officials Association High School Referee		
1979-81	Race Official, Bonnie Bell Road Race		
1980 – 82	Tennessee Soccer Officials Association		
1980 – 83	Vanderbilt University Intramural Umpire & Soccer Referee		
1983	Vanderbilt University Intramural Soccer Supervisor		
1981 - 83	ASA Umpire Nashville, Tennessee		
1984 – 90	ASA Umpire Tucson, Arizona		
1984-	Umpire, Arizona Community College Athletic Conference		
1985-	Umpire, NCAA (PAC-10)		
1986	ASA National Umpire School (Phoenix)		
1990	ASA National Umpire School (Tucson)		
1990 – 92	ASA Umpire Pasadena, California		
1992-	ASA Umpire Tucson, Arizona		
1994	ASA Advanced National Umpire School (Oklahoma City)		
1994	NCAA/ASA Collegiate Umpire School (Fort Worth)		
2004-	Umpire, National Pro Fastpitch (Tucson)		

Memberships:

Amateur Softball Association

Tucson Softball Officials Association

Arizona Interscholastic Association Certified Official #2349

National Association of Sports Officials (NASO)

National Indicator Fraternity ASA Medals Program: Gold Level

Community Service:

Committee Member, Tucson Softball Officials Association 1995–2001

Umpire Coordinator, 2000 A.S.A. Men's Senior 50+ National Championship

Vice-President, Tucson Softball Officials Association 2001–2002

Vice-President, Tucson Softball Officials Association 2002-

Webmaster, Tucson Softball Officials Association 2000-

Year	Tournament	Site	Classification
1982	ASA Metro Nashville	Nashville, Tennessee	Men's A Fastpitch
1983	ASA Metro Nashville	Nashville, Tennessee	Men's A Fastpitch
1986	ASA Rocky Mountain Regional	Tucson, Arizona	Men's A Fastpitch
1986	ASA Rocky Mountain Regional	Tucson, Arizona	Women's C,D Slowpitch
1987	ASA Arizona State	Tucson, Arizona	Men's B Fastpitch
1987	ASA Rocky Mountain Regional	Tucson, Arizona	Men's B Fastpitch
1988	ASA Rocky Mountain Regional	Tucson, Arizona	Women's C Fastpitch
1988	ASA Arizona State	Tucson, Arizona	Men's B Fastpitch
1988	ASA National	Tucson, Arizona	Women's C Fastpitch
1989	ASA Rocky Mountain Regional	Show Low, Arizona	Girl's JO Fastpitch
1989	ASA National	Tucson, Arizona	Women's B Fastpitch
1989	ASA National	Kingman, Arizona	Men's C Fastpitch
1990	ASA Rocky Mountain Regional	Sparks, Nevada	Girl's JO Fastpitch
1991	ASA So. California State	Palmdale, California	Men's C Fastpitch
1991	ASA So. California State	Pasadena, California	Men's D Slowpitch
1992	ASA Arizona State	Tucson, Arizona	Men's C Fastpitch
1992	ASA Arizona State	Tucson, Arizona	Girl's JO Fastpitch
1993	ASA Arizona State	Tucson, Arizona	Girl's JO Fastpitch
1993	ASA Arizona State	Tucson, Arizona	Men's B Fastpitch
	- Univ. Arizona Wildcat Classic	Tucson, Arizona	NCAA Division I
1994	ASA National	Oklahoma City, OK	Girl's JO Gold Fastpitch
1994	ASA Rocky Mountain Regional	Tucson, Arizona	Men's C,D Slowpitch
1995-	Hillenbrand Classic	Tucson, Arizona	NCAA Division I
1995	ASA Arizona State	Tucson, Arizona	Girl's JO Fastpitch
1995	ASA Rocky Mountain Regional	Tucson, Arizona	Men's C Fastpitch
1995	ASA National	Kingman, Arizona	Women's B Slowpitch
1996	ASA Arizona State	Tucson, Arizona	Girl's JO Fastpitch
1996	ASA Rocky Mountain Regional	Tucson, Arizona	Men's C Fastpitch
1997	VI National Senior Olympic Festival	Tucson, Arizona	Men's & Women's Slowpitch
1997	ASA Arizona State	Tucson, Arizona	Girl's JO Fastpitch
1997	ASA Western Zone Championship	Tucson, Arizona	Girl's 18-Under JO Fastpitch
1998	ACCAC Playoffs	Thatcher, AZ	NJCAA
1998	ASA Arizona State	Tucson, Arizona	Girl's JO Fastpitch
1998	ASA National	Phoenix, Arizona	Women's A Fastpitch
1999-	ASU Fiesta Bowl Classis	Phoenix, Arizona	NCAA Division I
1999	ASA Arizona State	Prescott/Tucson, Arizona	Girl's JO 14-U Fastpitch
1999	ASA Rocky Mountain Regional	Tucson, Arizona	Girl's JO Fastpitch
1999	ASA State	Tucson, Arizona	Men's C Fastpitch
1999	ASA National	Phoenix, Arizona	Men's 45-Over Fastpitch
2000	NJCAA Division II National	Phoenix, AZ	a
2000	ASA Rocky Mountain Regional	Phoenix, Arizona	Girl's JO A Fastpitch
2000	ASA National	Tucson, Arizona	Men's 50-Over Fastpitch
2000	ASA National	Aurora, Colorado	Men's C Fastpitch
2001	ASA Arizona State	Tucson, Arizona	Girl's JO A Fastpitch
2002	NJCAA Division II National	Phoenix, AZ	Cirilia IO A Eraturital
2002	ASA Arizona State	Tucson, Arizona	Girl's JO A Fastpitch
2002	ASA Arizona State	Tucson, Arizona	Men's B,C Fastpitch
2003	ACCAC Playoffs	Tucson, AZ	NJCAA Division I
$2003 \\ 2003$	ASA State ASA State	Tucson, AZ Tucson, AZ	Girl's JO Fastpitch Men's C Fastpitch
2003 2003	ASA Rocky Mountain Regional	Tempe/Phoenix, AZ	Girl's JO Fastpitch
2003 2003	ASA Western Region National	Tempe/Phoenix, AZ	Girl's JO 18U A Fastpitch
2003 2003	National Pro Fastpitch	Tucson, AZ	Exhibition (plate)
2003 2004	ASA Arizona State	Tucson, AZ	Men's C Fastpitch
2004	ASA Rocky Mountain Regional	Tucson, AZ	Men's C Fastpitch
2004-6	Judy Garman Classic (formerly Kia, Pony)	Fullerton, CA	NCAAA Division I
2005-	Palm Springs Classic	Palm Springs, CA	NCAAA Division I
2005	Arizona Interscholastic Association	Tucson, AZ	NFHS 3A State Final (plate)
		,	· (r ::00)

2006	ASA National	${ m Prescott,AZ}$	Men's 50-Over Fastpitch
2007	ASA National	${\rm Phoenix,AZ}$	Girl's JO 14-U Fastpitch
2008	ASA National	${\tt Prescott},{\tt AZ}$	Men's C Fastpitch

References:

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