

CURRICULUM VITAE  
**BETTY JEAN GAFFNEY**

(alternate publication name 1963-1972, Betty Gaffney McFarland)

**VITAE**

Born: February 23, 1939, Kalispell, MT  
Family: Son: Brenden K. McFarland; Grandchildren: Ashley, Max, Jay, Liam  
Brothers: George W. Gaffney, Edward S. Gaffney

**CONTACT**

Department of Biological Science  
319 Stadium Drive  
Florida State University  
Tallahassee, FL 32306-4295  
phone: (850) 644-8547  
email: gaffney@bio.fsu.edu

**EDUCATION**

Stanford University, Stanford, California, B.S., 1961, Chemistry  
Stanford University, Stanford, California, Ph.D., 1966, Chemistry (w/ H.S. Mosher)

**APPOINTMENTS**

1966-7 NIH Postdoctoral Fellow, Tohoku University, Sendai, JAPAN  
1967-8 Varian Associates Postdoc Fellow, Tohoku University, Sendai,  
JAPAN (w/ Koji Nakanishi)  
1969-73 Research Associate, Chemistry, Stanford University, Stanford, CA  
(w/ H.M. McConnell)  
1973 Visiting Research Associate, Biology, Massachusetts Institute of  
Technology, (periods of several months)  
1974-77 Assistant Professor, Chemistry, Johns Hopkins University  
1977-82 Associate Professor, Chemistry, Johns Hopkins University  
1982-1996 Professor, Chemistry, Johns Hopkins University  
1985-1996 Adjunct Professor, Biology, Johns Hopkins University  
1989-1996 Adjunct Professor, Biophysics, Johns Hopkins University  
1994-5 Acting Co-Director JHU Institute for Biophysical Research on  
Macromolecular Assemblies  
1996 Visiting Professor, Weizmann Institute, Rehovot, Israel (2 weeks)  
1996- Professor, Biological Sciences, Florida State University

**HONORS**

1966-7 NIH Postdoctoral Fellow  
1975-80 NIH Research Career Development Award  
1994 Plenary Lecturer, Ninth International Conference on  
Prostaglandins and Related Compounds, Florence, Italy  
2009 Elected Fellow of the Biophysical Society

**POSTDOCTORAL, GRADUATE STUDENT, UNDERGRADUATE ASSOCIATES**

**Name                      Gaffney lab dates**

**POST-DOCTORAL**

Diane C. Lin	74-77
Elizabeth S. Rowe	76-77
Shaw-Chen Chen	77-78
Man Wing Tse	78-79
Ronald Scheule	79-83
Dimitrios V. Mavrophilipos	86
Antonio Colom	91-94
Brendan C. Maguire	96-99
Victoria Kofman	96-97
Tom Morgan	97-98
Guenter Maresch	98-99

**PHD STUDENTS**

Shaw-Chen Chen	74-77
Gary L. Willingham	76-82
An-Suei Yang	81-87
Dimitrios Mavrophilipos	82-86
Jeffrey Boyington	
(LM Amzel student)	89-94
Kutbuddin S. Doctor	91-98
Brendan C. Maguire	92-99
Fayi Wu	01-06
Albert Garreta (visitng EU)	09
Miles D. Bradshaw	10-15

**GRADUATE STUDENTS (M.S.) (\* indicates published work)**

*Celia Elbrecht	79
Matthew Grumbling	86
Andrew Mihailovic	89
*Eugene Tevelrakh	95
Greg Ottenberg	04
*Ann Imber	04

**UNDERGRADUATE STUDENTS (\* with published work)**

*Robert Schepp	74-76
*Robert Mich	75
*James Scibilia	79
*Howard Grill	79
*Robert Kelly	80
Albert Cheung (*abstract)	81
*Zacharias Mavrophilipos	84-87
*Kimberly Betsey	98-99
*Leron Katsir	00-03

**REPRESENTATIVE TEACHING**

Johns Hopkins    Seminars on Biological Magnetic Resonance  
                         Physical Chemistry Instrumentation Lab  
                         (designed new experiments on hemoglobin oxygenation,  
                         NMR studies of peptides, diffusion by EPR, EPR imaging)

FL State            Cell Structure and Function  
                         Protein Biotechnology Lab

**REPRESENTATIVE PAST SERVICE**

Regular member, NIH Biophysics and Biophysical Chemistry B (2 terms & chair)  
Gordon Conf.: Magnetic Resonance in Medicine & Biology (Chair, co-chair)  
Council Member, International Society of Magnetic Resonance (ISMAR)  
Editorial Board, *Ann. Reviews of Biophysics and Biomolecular Structure* (10 yrs)  
Editorial Board, *Biophysical Journal* (two terms)