

CURRICULUM VITAE
BETTY JEAN GAFFNEY

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

VITAE

Born: Kalispell, MT
Family: 1 Son, 4 Grandchildren, 2 Brothers

CONTACT

Department of Biological Science
319 Stadium Drive
Florida State University
Tallahassee, FL 32306-4295

email: gaffney@bio.fsu.edu
phone: (850) 531-0693

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)
1996-2015 Professor, Biological Sciences, Florida State University
2016 Emeritus 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	Present or Recent Position
POST-DOCTORAL		
Diane C. Lin	74-77	Research Scientist, UC Irvine
Elizabeth S. Rowe	76-77	COO, Verrow Pharmaceuticals, Lenexa, KS
Shaw-Chen Chen	77-78	(MD, Miami) Pediatrics Past: Assoc Director, CDER, FDA, DC Exec VP, Polaris Pharmaceuticals
Man Wing Tse	78-79	Research Chemist, Industry
Ronald Scheule	79-83	VP, Genzyme, Hopkinton, MA
Dimitrios V. Mavrophilipos	86	MD Baltimore; practice in surgery
Antonio Colom	91-94	Scientist, Univ. of Puerto Rico
Brendan Maguire	96-99	Inst. for Quantitative Biosciences, Berkeley
Victoria Kofman	96-97	Business owner
Tom Morgan	97-98	research, FSU
Guenter Maresch	98-99	Physics, North FL Community College
PHD STUDENTS		
Shaw-Chen Chen	74-77	(MD, Miami) Pediatrics Past: Assoc Director, CDER, FDA, DC; Exec VP, Polaris Pharmaceuticals
Gary L. Willingham	76-82	Inventor, Rohm & Haas Company
An-Suei Yang	81-87	Genomics Res. Ctr, Academia Sinica
Dimitrios Mavrophilipos	82-86	Present: Baltimore; practice in surgery
Jeffrey Boyington (LM Amzel student)	89-94	Staff Scientist, NIAID/NIH
Kutbuddin S. Doctor	91-98	Staff Scientist, Burnham Inst, San Diego
Brendan Maguire	92-99	Inst. for Quantitative Biosciences, Berkeley
Fayi Wu	01-06	MD private practice, Miami, FL
Albert Garreta (visitng EU)	09	PhD 2010, post-doc, Univ Barcelona, Spain
Miles D. Bradshaw	10-15	Industry
GRADUATE STUDENTS (M.S.) (* indicates published work)		
Mary B. Jones	78	Univ. MD Med School
*Celia Elbrecht	79	MD
Matthew Grumbling	86	Law
Andrew Mihailovic	89	Industry
*Eugene Tevelrakh	95	Industry
David Averett	96	deceased
Greg Ottenberg	04	Industry
*Ann Imber	04	MD/PhD

UNDERGRADUATE STUDENTS (* with published work in BJG lab)

*Robert Schepp	74-76	MD
*Robert Mich	75	MD
*James Scibilia	79	MD
*Howard Grill	79	MD
*Robert Kelly	80	MD
Albert Cheung (*abstract)	81	MD
*Zacharias Mavrophilipos	84-87	MD
*Kimberly Betsey	98-99	unknown
*Leron Katsir	00-03	PhD 2008
*Stephen Frausto	07	PhD 2014

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)