

STATE UNIVERSITY OF NEW YORK AT ALBANY  
Department of Geological Sciences

CURRICULUM VITAE

GEORGE W. PUTMAN

Personal:

Born December 11, 1929, married, two children

Education:

Union College, Schenectady, 1951, B.S. in chemistry, Post graduate work  
1951-53, B.S., Geology major  
Pennsylvania State University, 1956-61: M.S. in Geology 1958; Ph.D. in  
Geology, Geochemistry, January 1961.  
Title of Ph.D. dissertation: "A Study of the Distribution of Trace  
Elements in Igneous Rocks, Northwestern and Central Arizona"

Military Service:

U.S.N.R., 1951-1956; active duty 1953-1955

Professional Experience:

Teaching Associate, Department of Geology and Geochemistry, Pennsylvania  
State University, 1955-1957  
Research Associate, Department of Geology and Geochemistry, Pennsylvania  
State University, 1959-1961  
Geochemist, State of California, Division of Mines and Geology, San  
Francisco, 1961-1966, summer of 1967.  
Associate Professor of Geology, State University of New York at Albany,  
1966-present  
Chairman, Department of Geological Sciences, 1972-1973

Courses Taught:

Fundamentals of Geology, Igneous Petrography and Petrology, Economic  
Geology, Geochemistry, Igneous Petrology I (graduate), Geochemistry I  
(graduate), Phase Equilibria (graduate)

Research Interests:

Geochemistry and petrology of igneous and metamorphic rocks; Neotectonics  
and mineral water chemistry of northeastern New York

## Professional Societies:

Fellow, Geological Society of America  
Member, American Geophysical Union

## Publications:

- 1963 G.W. Putman and C.W. Burnham, Trace elements in igneous rocks, Northwestern and Central Arizona: *Geochemica et Cosmochimica Acta*, v. 27, pp. 53-106.
- M.C. Stinson and G.W. Putman, Geochemical prospecting: California Division of Mines and Geology Mineral Information Service, v. 16, pp. 1-6.
- 1965 G.W. Putman and J. T. Alfors, Depth of intrusion and age of the Rocky Hill stock, Tulare County, California: *Geol. Soc. America Bull.*, v. 76, pp. 357-364.
- G.W. Putman and J. T. Alfors, Distribution of minor metals in the Rocky Hill stock, Tulare County, California: *Geol. Soc. America, Cordilleran Section, 61st, Meeting Abstracts*, pp. 44-45.
- J.T. Alfors and G.W. Putman, Revised chemical analyses of traskite, verplanckite and muirite from Fresno County, California: *Amer. Min.*, v. 50, pp. 1500-1503.
- 1967 G.W. Putman and J.T. Alfors, Frequency distribution of minor metals in the Rocky Hill stock, Tulare County, California: *Geochim. et. Cosmochim. Acta*, v. 31, pp. 431-450.
- 1969 G.W. Putman and J.T. Alfors, Geochemistry and petrology of the Rocky Hill stock, Tulare County, California: *Geol. Soc. America, Special Paper #120*, 109 pp.
- 1972 G.W. Putman, Base metal distribution in granitic rocks: data from the Rocky Hill and Lights Creek stocks, California: *Econ. Geol.*, v. 67, pp. 511-527.
- 1973 G.W. Putman, Biotite-sulfide equilibria: a revision: *Econ. Geol.*, v. 68, pp. 884-886.
- 1975 G.W. Putman, Base metal distribution in granitic rocks II: three-dimensional variation in the Lights Creek stock, California: *Econ. Geol.*, v. 70, p. 1225-1241.
- 1978 J.R. Young and G.W. Putman; The puzzle of Saratoga; an old solution with a new twist: *Empire State Geogram, The University of the State of New York*, v. 14, no. 2, pp. 17-31.
- 1979 G.W. Putman, J.R. Young and J.R. Dunn, The Origin of the Mineral Waters of Saratoga: Possible Thermal processes and their bearing on regional neotectonics (Abst.) *Transactions, Am. Geophys. Union, Vol. 60*, p. 397.
- Young, J.R. and Putman, G.W. Stratigraphy, structure and the mineral waters of Saratoga Springs - implications for Neogene rifting: *Guidebook, N.Y.G.S.-N.E.I.G.C. joint annual meeting; G.M. Friedman, ed., Troy, NY*, p. 272-291.
- Putman, G.W. and Sullivan, J.W. Granitic pegmatites as estimators of crustal pressures - a test in the eastern Adirondacks, New York: *Geology*, v. 7, p. 549-553.

Professional Consulting and Contract Participation:

- 1978 New York State Office of General Services, South Mall Construction, Albany, New York.
- 1978 Contract of New York State Energy Research Development Agency (NYSERDA) to Dunn Geoscience Corporation, Latham, New York; preliminary investigation of Saratoga mineral waters.
- 1979 Joint contract of NYSERDA and U.S. Department of Energy to Dunn Geoscience Corporation, Latham, NY; continuance of investigation of the characteristics and thermal potential of carbonated waters of the greater Saratoga vicinity.
- 1981 Weston Geophysical observatory subcontract under Nuclear Regulatory Commission contract; study of possible post-glacial faulting in eastern New York