

Melanie Yarbrough Rose M.D., Ph.D.

Lecturer

Chemistry Department

Sam Houston State University

Degrees Earned

BS Chemistry, Baylor University, Waco, TX, 1971-1975

PhD Biochemistry, Rice University, Houston, TX, 1976-1981

Postdoctoral work, Univ. Texas Medical School in Houston, 1981-1982

MD, Texas A&M Medical School, College Station, TX, 1984-1988

Internship and residency, Scott and White Hospital, Temple, TX, 1988-1991

Professional Licensure and Certifications

Licensed by the state of Texas to practice medicine.

DEA number for prescribing medication.

Peer-Review Publications

Rose, M.Y. and Olson, J.S. The Incorporation of Membrane Bound Heme into Globin. *Fed. Proc.* 1979; 38:60.

Rose, M.Y. and Olson, J.S. The Kinetic Mechanism of Heme Binding to Human Apohemoglobin. *J. Biol. Chem.* 1983; 258:4298-4303.

Rose, M.Y., Thompson, R.A., Light, W.R., and Olson, J.S. Heme Transfer Between Phospholipid Membranes and Uptake by Apohemoglobin. *J. Biol. Chem.* 1985; 260:6632-6640.

Work or Professional Experiences

2006-present Lecturer, Chemistry Dept., Sam Houston State University

1991-2001 Physician, General Family Practice, Falls Community Rural Health Clinic, Marlin, TX.

1998-2001 Director of Laboratory Services, Falls Community Hospital and Clinic, Marlin, TX.

1982-1984 Lecturer, Chemistry Dept., Baylor Univ.

1981-1982 Postdoctoral Fellow, Dept. of Biochemistry, U.T. Medical School in Houston.

1976-1981 Graduate Student, Biochemistry Dept., Rice Univ.

1975-1976 Laboratory Assistant, Biochemistry Dept., U.T. Health Science Center in Houston

Honors and Awards

Academic Scholarship, Baylor University, 1971-1974

Welch Fellowship, Rice University, 1976-1979

Postdoctoral Fellowship, U.T. Medical School in Houston, 1981-1982

Texas A&M Medical School Scholarship, 1984-1985

Burroughs-Wellcome Scholar in Anesthesiology, 1990

