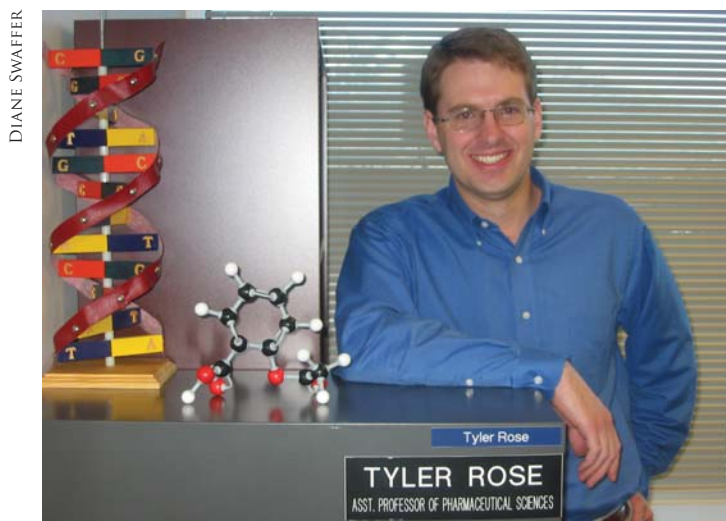


Meet a New ASP Member

by Dr. Diane S. Swaffar

ASP welcomes many new members to the Society each year. Our featured new member is Dr. Tyler Rose, Assistant Professor of Pharmaceutical Sciences at the South Jordan, Utah campus of the University of Southern Nevada (USN), one of the nation's newest pharmacy schools. He is a charter member of the faculty there and teaches medicinal chemistry and biochemistry to pharmacy students. We are grateful to him for giving us the opportunity to get more acquainted with him.



Dr. Tyler Rose

Why did you join ASP?

I have had a long-standing interest in natural product chemistry. As a child I was fascinated by plants while hiking around my native town of St. George, Utah, and wondered what kinds of molecules could be in those plants. My earliest attempts at extraction consisted of collecting leaves, twigs, and sticks from around the neighborhood with my friends and putting them in gallon milk jugs filled with water. I would store the jugs in the refrigerator but my parents would throw them away. Who knows what important medicines they threw out!

What are your research interests in pharmacognosy?

I am interested in native desert plants of Utah, including the symbiotic bacteria that may be associated with these plants. I am especially interested in plant compounds with antidiabetic properties.

What is your scientific background?

I obtained my B.S. in Chemistry from Southern Utah University. I began my graduate work at Utah State University where I studied marine microbial natural products with Dr. Bradley Davidson. I later entered Dr. Glenn Prestwich's group at the University of Utah where I received my Ph.D. in Medicinal Chemistry in 2006 working on fluorogenic probes for phospholipases.

What would you like to achieve through your membership?

I hope to be able to enhance my teaching and research career by developing skills and techniques in natural products research that I have not yet had the opportunity to become familiar with. By joining the ASP, my major aspiration is to develop collaborations so that our new pharmacy school will eventually be able to expand its research program in natural products and foster exciting research opportunities for pharmacy students at USN.

What are you currently reading and what do you like doing in your spare time?

I enjoy spending time with my two young daughters. We especially like hiking, biking, gardening, and roller-blading. When not with my daughters, I am reading books on natural product techniques.