

2015 BRENNAN LECTURE

A generous gift from Ms. Carol Brennan has been used to endow a Named Professorship in Mathematics in honor of Carol's mother, Marien Bradley Brennan

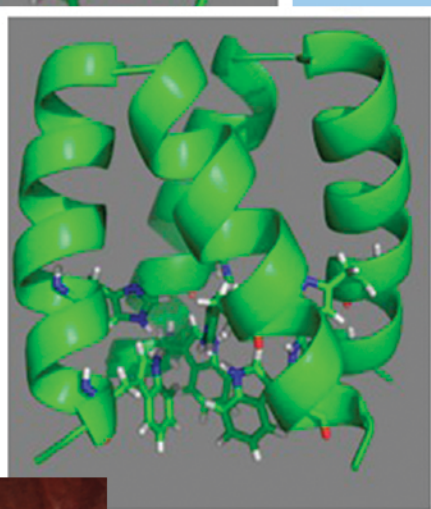
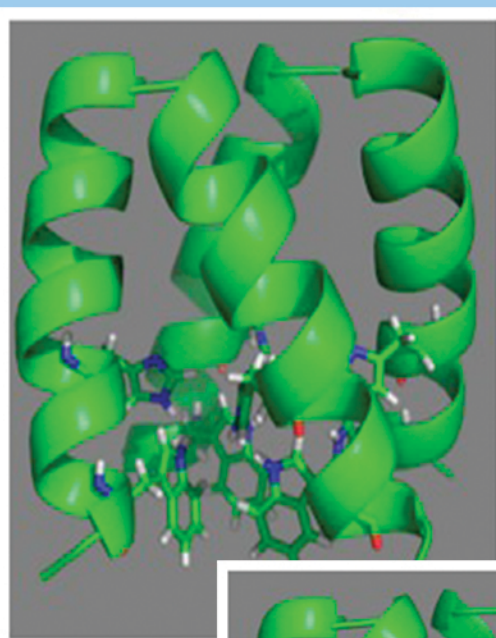
FROM MOLECULES TO BIRDS

WITH A LITTLE HELP FROM MY FRIENDS

SEPTEMBER 11, 2015

101 LOVE - 3:35 p.m.

RECEPTION - 3:00 p.m. - 204B Love



Speaker:
Dr. Richard Bertram



ABSTRACT: Working at the intersection of biology, biochemistry, and mathematics can be very exciting, but it can also be overwhelming. The key to success (i.e, publishing papers while maintaining some sanity) is team work. In this colloquium I will give an overview of the research that I have been involved in during my time as a professor at FSU, with a focus on the contributions made by key members of the team: my past doctoral students. Topics include the atomic structure of transmembrane proteins, the mechanism of pulsatile insulin secretion, circadian rhythms in hormone secretion, bursting electrical activity, and the neural basis of bird song in the zebra finch. I'm not sure how I'll do all this in one hour; come and find out.