

# SUNY Potsdam

## Chemistry Department

### Speaker Series

Tuesday, November 1, 2011 @ 4:15 p.m.

## RNA Recognition as a 'Grand Challenge' for Bioorganic Chemistry



### **Dr. Benjamin Miller**

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RNA sequences of biomedical importance are being discovered at a rapidly increasing rate. Unfortunately, unlike the case for DNA, chemists do not yet understand how to rapidly and efficiently design compounds able to bind specific RNA sequences. We are trying to address this problem in our group, and use a combination of molecular design, dynamic combinatorial chemistry, organic synthesis, and biophysical techniques. This talk will particularly focus on our efforts to find compounds targeting the RNA that causes adult-onset muscular dystrophy.

**Stowell Hall, Room 211**

*Light refreshments will be served.*

*Everyone is welcome.*