



Research Experience for Teachers (RET) Program

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The RET Program is an opportunity for high school teachers and community college faculty to participate in research during the summer. Prof. Teri Odom is the Program Director for this two-year program. There are two primary objectives of this program: (i) to equip science teachers with tools for scientific and professional advancement; and (ii) to transfer the summer research experience into the class-room so that student achievement can be improved.

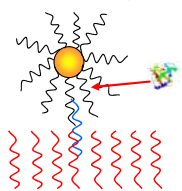
Prof. Odom mentors and works closely with each participant to design inquiry-based learning activities for their students and others based on the principles from the previous summer's research. The RET program is quite effective at broadening the participation of under-represented minorities; in the MRSEC and NSEC programs at NU, half of the participants were women, and over one-third of the teachers were from underrepresented minorities or teach at minority schools.



First Year RET: Representative Research Projects

Second Year RET: Curriculum Concepts and Activities

The Effects of Non-specific Protein and Lipid Binding on Gold Nanoparticles



Patterning of Catalytic Particles via Dip-Pen Nanolithography Towards Controlled Architectures of Carbon Nanotubes

