

SECURITY PRINTING & ANTI-COUNTERFEITING TECHNOLOGY

2015 SUMMER UNDERGRADUATE RESEARCH PROGRAM

This NSF Research Experience for Undergraduates Site at SDSM&T, USD and SDSU, provides undergraduate students a chance to conduct cutting-edge research focused on security printing and anti-counterfeiting technology. Counterfeiting is a growing issue in the U.S., posing serious economic, safety and national security concerns. The REU program is a multi-disciplinary program with research opportunities in Materials Science and Engineering, Materials Chemistry, Electrical/Computer Engineering, Chemistry, and Computer Science.

PROGRAM DESCRIPTION:

10 WEEK RESEARCH EXPERIENCE
JUNE 1 - AUGUST 7, 2015

FACULTY MENTORED RESEARCH

PROFESSION DEVELOPMENT &
TECHNICAL COMMUNICATION PROGRAMS

SECURITY TECHNOLOGY SEMINARS

SOCIAL ACTIVITIES

\$5000 STIPEND & HOUSING PROVIDED

PROJECTS:

SECURITY PRINTING:
COUNTERFEIT MICROELECTRONICS

DEVELOPMENT OF COVERT HIGH
CAPACITY 2-D BAR CODES

FORENSIC ANALYSIS OF NATIVE
AMERICAN ART

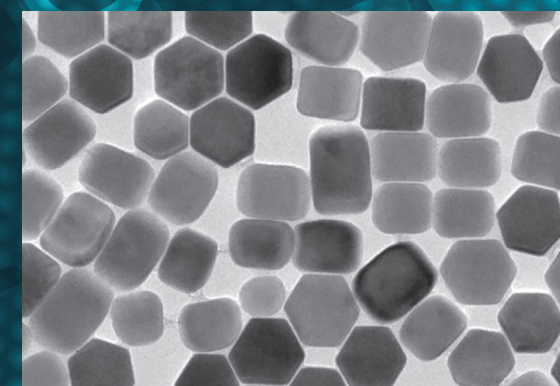
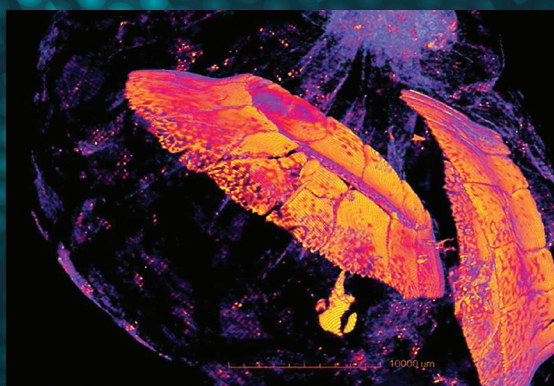
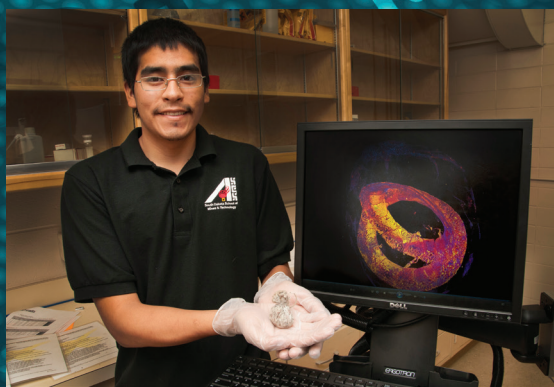
DEVELOPMENT OF ANTI-COUNTERFEITING
TECHNOLOGY FOR PHARMACEUTICALS

SECURITY INK FORMULATION

SYNTHESIS OF "UPCONVERTING"
NANOPARTICLES

APPLY NOW:

SPACT-CENTER.ORG/REU
DEADLINE FEBRUARY 27, 2015



CONTACT:

DR. GRANT CRAWFORD, ASSISTANT PROFESSOR
DEPARTMENT OF MATERIALS & METALLURGICAL ENGINEERING
SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY
GRANT.CRAWFORD@SDSMT.EDU PHONE: (605)394-5133

