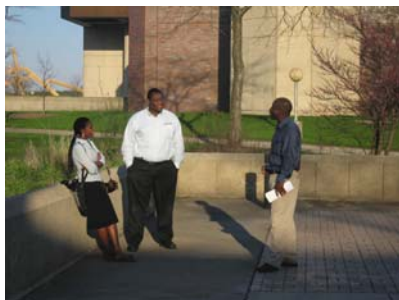


ANNUAL ILLINOIS STUDENT RESEARCH CONFERENCE
University Park, Illinois, April 6-7, 2007.



ELECTROCHEMISTRY IN DEEP EUTECTIC SOLVENTS

Chiemela A. Nkuku, and Robert J. LeSuer

BINDING OF ORGANIC ION PAIRS: DETERMINATION OF FORCEFIELD PARAMETERS AND FREE ENERGY CALCULATIONS

Adrienne Eastland, David M. Tiede, and Kristy L. Mardis

HOW TO BUILD A GAMMA RAY TELESCOPE

Chaan Thomas and Kim Coble

ELECTROCHEMISTRY OF DI-TERTBUTYL NITROXIDE

Lila McKay and Robert J. LeSuer

DEVELOPMENT OF NEW ACRYLIC POLYMERS FOR MEDICAL APPLICATION

Deborah Amos and Asare Nkansah

EVALUATING STUDENT UNDERSTANDING OF MASS, VOLUME, AND BUOYANCY

Crystalann Jones and Mel Sabella

MONITORING AIR QUALITY IN SOUTH SIDE CHICAGO USING LICHENS AS BIOINDICATORS

Nancy Davenport and Robert J. LeSuer

CALCULATING THE ENTROPIC TREND AS A FUNCTION OF CARBON-CARBON SINGLE BONDS FOR P-ALKYLBENZA-MIDINIUM ANIONS,

Michele Dillon and Kristy L. Mardis

CALCULATIONS OF WIDE-ANGLE X-RAY SCATTERING PROFILE OF CYTOCHROME C USING MOLECULAR DYNAMICS

Tim Vuong, Brian Wright, David M. Tiede, Kristy L. Mardis

GAUGING STUDENT UNDERSTANDING OF KINEMATICS BY ANALYZING HOW CONTEXTUAL CLUES INFLUENCE STUDENT RESPONSE

Stephanie A. Barr and Mel Sabella

CALCULATIONS OF WIDE-ANGLE X-RAY SCATTERING PROFILE OF CYTOCHROME C USING MOLECULAR DYNAMICS

Heather Sutton, David M. Tiede, and Kristy L. Mardis

MORPHOLOGY AND POLYMERIZATION PROPERTIES OF TAU PROTEINS TRUNCATED BY CALPAIN IN ALZHEIMER'S DISEASE

Laura Quaye, Diana Monsivais, and Aida Abraha*

STUDY OF THE "HOT CHOCOLATE EFFECT"

Tim Vanderleest, and Samuel Bowen

GENERATION OF THE *ROOTCAR1* ALLELE D PROMOTER-BETA GLUCURONIDASE REPORTER CONSTRUCT

Everlyne Nkadori, Denise Patrick, and Joyce Ache Gana*

RISE student presenters are underlined. * MBRS SCORE Project PI.

