

Poster Presentations

4:45 – 5:45 p.m. WFIC Atrium

Poster Presenter Name:

Poster Title:

Abigail A. Allen

Efficacy of a Peer Tutoring Application for Word Reading for Early Elementary Students in a Rural High-Poverty School

Agnes Nagy Mehesz

The Cell, Tissue and Molecular Analysis Core of the South Carolina Bioengineering Center of Regeneration and Formation of Tissues

Amanda Moore

Impacting Population Health Management through Social Media Listening

Ann Foley PhD

The role of Map kinases in differentiation of the SAN

Christopher Flathmann

Using Human-Agent Teams to Purposefully Design Multi-Agent Teams

Christopher Sasaki

The EccDNA Replicon - A self-replicating, extra-nuclear vehicle driving gene

Christopher Weber

**amplification and rapid
adaptive evolution**

**An active collaboration
between faculty and Research
Safety to evaluate green
chemistry and safety from the
bench to the institutional level**

Dave Lamie

**Agency and Organizational
Readiness for Addressing
Farmer Mental Health Issues**

Fei Peng

**Development and validation of
embedded microstrain sensor
array for in vivo
characterization of contact
stress distribution in hip
replacement**

Hai Yao

**SC TRIMH COBRE Multi-Scale
Computational Modeling Core
South Carolina Translational
Research Improving
Musculoskeletal Health**

Heide S. Temples

**DNA Methylation As A
Potential Epigenetic
Mechanism In The Reduction
Of Risk For Obesity With
Human Milk The First Years Of
Life**

Jennifer Mason

The FBH1 helicase prevents
RAD51-mediated genome
instability in human cells

Jiro Nagatomi

Differential response of
nucleus pulposus and annulus
fibrosus cells exposed to
hydrostatic pressure

Katherine Weisensee

3D Methods to Quantify
Craniofacial Variation in
Disease
GIS Application for Building a
Nationally Representative
Forensic Taphonomy Database

Kimberly Paul

The Host is a Harsh Mistress:
Fatty Acid Metabolism and
Host Adaptation in African
Trypanosomes

Laine Mears

NSF THINKER: A New
National Model for Integrated
Education

Luke J. Rapa

Critical Consciousness in
Preadolescents: Advancing
Theory and Measurement

Mary Ellen Wright

Mothers with Addiction and
Recovery

Matthew Krugh

Associate Finger Engagement
During Manual Assembly in

Meihua Qian

Automotive Production for Smart Wearable Systems Enabling Data Generation in Data Deserts through Digital Manufacturing
Evaluation of wearable visual assistance system for manual automotive assembly
Wearable sensor human-process interaction activity detection for manual automotive assembly

Melinda Harman

Assessing Creativity: Exploring the Relationships among Self-assessment, Teacher Ratings and Divergent Thinking Tests

Omar Alsanusi Amer

Predictive Modeling of Soft Tissue Conditions during Total Knee Replacement

Paul Meza-Morales

Experimental Investigation of Cement Alternatives for Use in Cement-Treated Base Soils

Prasada Rangaraju

Force Field for CH₃OH-Pt(111) Interaction: Development and Assessment

Effect of Nucleating Agents on Hydration Behavior and Microstructure Development in Portland Cement and Geopolymer Systems

**Enhancing the Properties of
Portland Cement Concrete
through Use of Sustainable
Modified Biosilica**

Robert A. Latour

**SC BioCRAFT Bioengineering
and Bioimaging (B&B) Core**

Robert M. O'Hara

**THINKER EDU: Assessment
of a new Graduate Program**

Sara Sarasua

**Genotype, Phenotype, and
Metabolic Profiling in Phelan-
McDermid Syndrome**

Shanna Hirsch

**Active Versus Passive
Responses in Multimedia-based
Instruction**

Srikanth Pilla

**Enabling Industry 4.0 to
Enhance Composites
Manufacturing**

Susan Chapman

**Deciphering the Triggering
Mechanism of Ankylosing
Spondylitis**

Susan Duckett

**Identification of miRNA
regulating skeletal muscle
growth from before birth to
maturity**

Tom O'Halloran

**Measuring water and
greenhouse gas fluxes in
forestry and bioenergy projects**

Tong Ye

**A Non-labeling Chondrocyte
Viability Assay Based on Two-
Photon Autofluorescence
Imaging**

Tracy Arwood

**Research Compliance and
Safety**

Yongren Wu

**Effect of Cigarette Smoke
Exposure on Intervertebral
Disc Degeneration: A Rat
Model**



This publication is available in alternate formats upon request. Please contact Penny Reid, 656-7701, penny@clemson.edu