

**2008 AIChE Student Southern Regional Conference
Auburn University
Student Paper Competition Results**

Regional Overall Winners

1st Place Winner

Paper Number: C5

Title: Bandage Contact Lenses for Antibacterial and Anti-Inflammatory
Therapeutics

Name: Jeney Zhang

School: Auburn University

2nd Place Winner

Paper Number: B3

Title: The Effect of Calcium and Sodium Deposition on a PEMFC

Name: Steven Mouton

School: University of South Alabama

3rd Place Winner

Paper Number: A6

Title: Bioreactive Membranes by Layer-by-layer Assembly

Name: Caitlyn Cecil

School: University of Kentucky

Student Paper Competition Sponsored by



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Winners by Room

Room A - 1st Place Winner (Overall Regional 3rd Place)

Paper Number: A6
Title: Bioreactive Membranes by Layer-by-layer Assembly
Name: Caitlyn Cecil
School: University of Kentucky

Room A - 2nd Place Winner

Paper Number: A2
Title: A Synthetic Lung Surfactant for Treatment of Respiratory Distress Syndrome
Name: Jake Vestal
School: NC State University

Room A - 3rd Place Winner

Paper Number: A3
Title: The Crystalline Structure of Halogenated Polyethylenes Studied by SAXS
Name: Robert Smith
School: FAMU/FSU

Room B - 1st Place Winner (Overall Regional 2nd Place)

Paper Number: B3
Title: The Effect of Calcium and Sodium Deposition on a PEMFC
Name: Steven Mouton
School: University of South Alabama

Room B - 2nd Place Winner

Paper Number: B7
Title: Multifunctional Magnetic and Thermally Responsive Hydrogels for Anti-Cancer Drug Delivery
Name: Mary Kathryn Sewell
School: University of Alabama

Room B - 3rd Place Winner

Paper Number: B5
Title: In-Vitro Biocompatibility Analysis of Temperature-Responsive Hydrogel Nanocomposites
Name: A. Ashley Anderson
School: University of Kentucky

Room C - 1st Place Winner (Overall Regional 1st Place)

Paper Number: C5
Title: Bandage Contact Lenses for Antibacterial and Anti-Inflammatory Therapeutics
Name: Jeney Zhang
School: Auburn University

Room C - 2nd Place Winner

Paper Number: C1
Title: Fibronectin binding to the Treponema pallidum adhesin Tp0483 on Functionalized Self-Assemblies
Name: James Tidwell
School: University of Kentucky

Room C - 3rd Place Winner

Paper Number: C7
Title: Nanocomposite Biodegradable Polymers: Preparation and the Analysis of Heating, Degradation, and Drug Release
Name: Ashley Hawkins
School: University of Kentucky

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