

# **Southeastern Students' Research, Creative, and Scholarly Activities Showcase**

**Tuesday, November 1, 2011; 11:00 am to 2:00 pm**

**Student Union Ballroom**

## **Showcase Review**

**The Fall 2011 Student Showcase featured work from  
41 Southeastern students representing 7 departments.**



**Included with this review are the program listing participants by  
department/project and photos from the Showcase.**

**Many thanks to the Deans, Department Heads, faculty, staff, and students for  
promoting, supporting, and attending this Showcase.**

**OSRP would like to recognize the Southeastern Student Government Association  
for their very generous financial support of the Showcase.**

*Cheryl E. Hall, J.D., Director*



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**College of Arts, Humanities,  
and Social Sciences**

**Department of Fine and Performing Arts**

§ Music §

*Andante et Scherzo* (E. Bozza); *Kentucky Roastup*  
(M. Mower); *Saxophone Quartet* (P. Woods)

**The Southeastern Student Saxophone Quartet:**

**Vitalie Gumeniuc** (soprano sax)

**Durand Jones** (alto sax)

**Zakk Garner** (tenor sax)

**Jonathan Lyons** (baritone sax)

§ Visual Arts §

*Digital Design Portfolio*

**Ashley Helg**

*Chaotic Control, 2038 Rectangles*

**Abbie Castagnetta**

*Parasite*

**Kayla Decoteau**

*Undergrad Prints*

**Michael Rabalais**

**Department of Sociology  
and Criminal Justice**

*Master's Degree Program in Applied Sociology*

**Dr. Peter Shroth**

**Department of English**

§ Student Publications §

*The Manchac Review* and *The Pick*

**Justin Greer**

**Rachel Swords**

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**College of Education  
and Human Development**

**Department of Teaching and Learning**

*Discrepant Events*

**Alisha Comeaux**

**Jessica Huhn**

**Audrey Nix**

**Shelly Sharkey**

**Nancy Shields**

*Math Isn't Just Fun... It's Fundamental*

**Juanita Ballard**

**Colleen Moore**

**Jennifer Rhoto**

**Caitlin Davis**

**Jennifer Sena**

**Kristen Davis**

**Lauren Grillot**

**Meghan Montalbano**

*Formative Assessment*

**Jessica Huhn**

**Nancy Shields**

**Sarah Boyer**

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**College of Science and Technology**

**Department of Chemistry and Physics**

§ Chemistry §

*Optimization of Suzuki-Miyukara Cross Coupling  
Reactions Involving N-alkoxyimidoyl Iodides*  
Amber Bordelon

*Methods of Assessing Geometric Purity  
of Biazyl Oxime Ethers*  
Sarju Adhikari  
Patrick Flowers

*Designing Synthesis of Potential  
Surface Sizing Agents*  
Jessica Rhodus

*Straightforward Synthesis of Elagic Acid and  
Derivatives through Negishi Cross-coupling*  
Nancy Massawe

*Simulating Lithium Atom Dissociation  
in Ammonia Clusters*  
Katelyn Dreux

§ Physics §

*Static Light Scattering Measurement of Resins*  
Sumit Libi

*Molecular Dynamic Simulations with Gromacs*  
Daniel Huggett

**Department of Computer Science  
and Industrial Technology**

§ Computer Science §

*CPATH Learning Model*  
Joseph Desselle

§ Occupational Safety, Health and Environment §

*Effectiveness of a Library  
Ergonomics Training Program*  
Gregory Culberson  
presented by Dr. Lu Yuan

**Department of Biological Sciences**

*Frequency Analysis of Illegitimate V(D)J  
Recombination Events Involving Notch1 and  
Bcl11b During Mouse Development*  
Devin Champagne

*In the Line of Fire: A Phylogeographic  
Assessment of Diversity in the Firemouth Cichlid  
(Thorichthys meeki)*  
David Camak

*Phylogeography of Belonesox belizanus*  
Liz Marchio

*Diet and Reproductive Comparison of  
Two Nerodia Sister Species*  
Sarah Green

*Subspecies of Storeria dekayi Analysis Using  
Ecological Niche Modeling*  
James Stewart



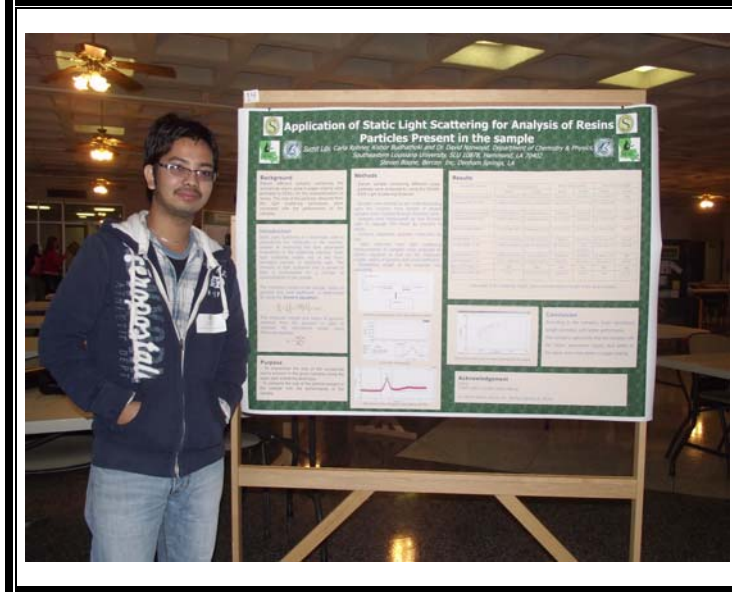
**SOUTHEASTERN**  
LOUISIANA UNIVERSITY

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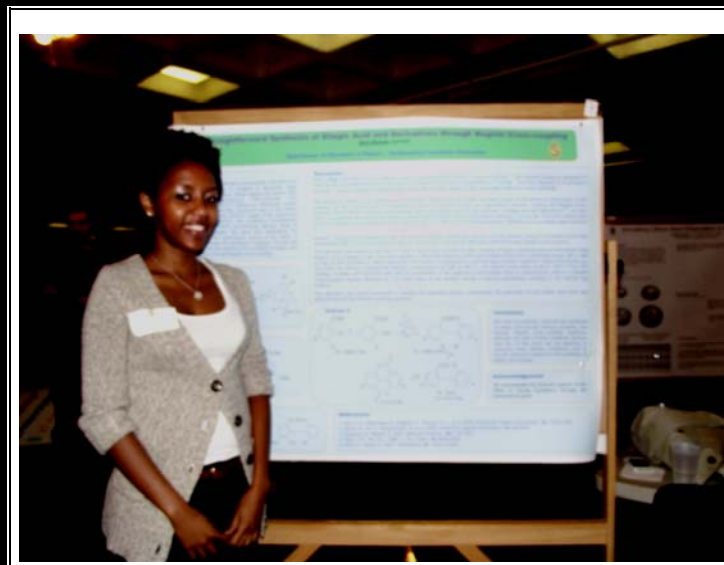
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## Showcase Highlights



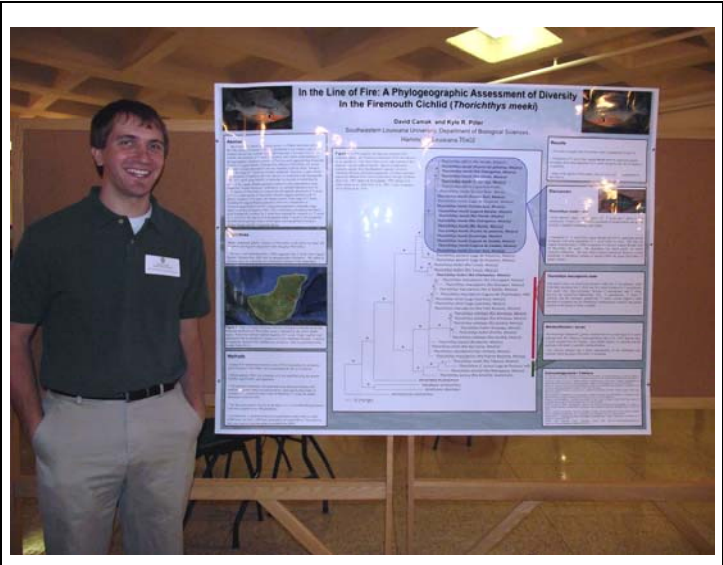
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