

Paper and Poster Competition Award Winner Information for By Section
85th Annual Meeting of the Alabama Academy of Science
Samford University, March 20, 2008

Section	Award	Award Winner	Presentation
I	1 st tie in paper	Robert Parrish	Evaluating androgenic steroids using <i>Xiphophorus helleri</i> . <i>Robert R. Parrish</i> , Joesph M. Hales, Jon Hopper, Jeffrey M. Barksdale and Tomas E. Denton, Auburn University at Montgomery.
	1 st tie in paper	Andrew S. Mobley	Phototactic responses of larvae from the marine sponge <i>Xestospongia proxima</i> . <i>Andrew S Mobley</i> , Linnet B. Lopez, Sally P. Leys, Maria C. Diaz, Rachel Collin, and Robert W. Thacker, University of Alabama at Birmingham; Instituto de Oceanologia, Cuba; University of Alberta, Canada; Museo Marino de Margarita, Venezuela; Smithsonian Tropical Research Institute, Bocas del Toro Research Station, Panama; University of Alabama at Birmingham
	1 st tie in poster	John D. Carson	Progesterone in gymnosperms. <i>John D. Carson</i> , Ronald L. Jenkins, and Elizabeth G. Dobbins, Samford University
	1 st tie in poster	Corie L. Therrien	Evaluation of optimal incubation temperatures for turtles with temperature-dependent sex determination. <i>Corie L. Therrien</i> and Thane Wibbels, University of Alabama at Birmingham
II	1 st in paper	Yun Wang	Novel and robust photolabile protecting group for carbonyl compounds. <i>Yun Wang</i> , Huayou Hu, and Pengfei Wang, University of Alabama at Birmingham
	2 nd in paper	Bryan D. Cox	The conformational analysis and steric contributions of 9-cis-UAB30, a Retinoic acid analogue. <i>Bryan D Cox</i> , Tracy P Hamilton, Donald D Muccio, and Kenny F Nguyen, University of Alabama at Birmingham
	1 st in poster	Jason S. Hudson	A thermodynamic and kinetic study of actinomycin D binding to atypical –T(G)nT– sequences in double stranded DNA. <i>Jason S. Hudson</i> and David E. Graves, University of Alabama at Birmingham
	2 nd in poster	Lensey L. Hill	Synthesis and characterization of new palladium complexes containing neopentyl phosphine ligands. <i>Lensey L Hill</i> and Kevin H Shaughnessy, The University of Alabama
IV	1 st in paper	Clint McCoy	An examination of social stress in a population of white-tailed deer. <i>Clint McCoy</i> and Stephen Ditchkoff, Auburn University
V	1 st tie in paper	Mary E. Williams	Whispering-Gallery-Mode resonances in fluorescent microspheres . <i>Mary E. Williams</i> and D. Brian Thompson, University of North Alabama
	1 st tie in paper	R. Hawrami	Bulk crystal growth and characterization of intense scintillators for medical applications . <i>R. Hawrami</i> , M.D Aggarwal, and A.K. Batra, Alabama A&M University
	1 st in poster	Zachary A. Whitfield	Optical properties of Eu ³⁺ ions doped glasses. <i>Zachary A. Whitfield</i> , Akshaya Kumar, and Prakash C. Sharma, Tuskegee University
VII	1 st in paper	Jennifer Estes	Sea turtle CSI: A teaching module in sea turtle genetics. <i>Jennifer Estes</i> and Thane Wibbels, University of Alabama at Birmingham; University of Alabama at Birmingham

VIII	1 st tie in paper	Adrienne C. McCullars	Stroke induced ventricle expansion and its effect on motor ability and motor recovery after CI therapy. <i>Adrienne C McCullars</i> , Christi Perkins, Lynne Gauthier, Victor Mark, Edward Taub, and Gitendra Uswatte, University of Alabama at Birmingham
	1 st tie in paper	Christi Perkins	The effect of CI therapy on the white matter portions of the brain: A DTI study. <i>Christi Perkins</i> , Lynne V Gauthier, Victor W Mark, Edward Taub, and Gitendra Uswatte University of Alabama at Birmingham
IX	1 st in paper	Larry Z. Slater`	Perceptions and experiences of HIV-positive, African-American women from HIV diagnosis to primary care. <i>Larry Z Slater</i> , University of Alabama at Birmingham
	2 nd in paper	Heather S. Mullin	Sexual history and follow up: What drives practice? A comparison of the USA and Honduras. <i>Heather S Mullin</i> and Ellen Buckner, University of Alabama at Birmingham
	1 st in poster	Bettina H. Riley	Parental caregiver roles and perspectives about diabetes self-management during late adolescence: A qualitative descriptive study. <i>Bettina H Riley</i> and Carol Dashiff, University of Alabama at Birmingham
	2 nd in poster	Vanessa P. Gaioso	User satisfaction from the perspective of acceptability in the family health scenario, Brazil. <i>Vanessa P. Gaioso</i> and Silvana M. Mishima, University of Alabama at Birmingham; University of Sao Paulo, Brazil
X	1 st in paper	Melissa L. Jones	Microstructural characterization of titania coated glass microballoons and cenospheres. <i>Melissa L Jones</i> , ¹ M Koopman, ¹ R Martens, ² G Thompson, ² K. K. Chawla ¹ , W. Ricci, ³ and M. Lalor ¹ ¹ University of Alabama at Birmingham, ² University of Alabama, ³ Trelleborg Emerson & Cuming
	1st in poster	Carmen D. Zirlott	Skin temperature increase during MMW irradiation; effects of blood-flow . <i>Carmen D. Zirlott</i> and David Nelson, University of South Alabama
	2 nd in poster	Joel M. Anderson	Biomimetic self-assembled nano matrix for bone tissue regeneration. <i>Joel M Anderson</i> , Ho-wook Jun, Meenakshi Kushwaha, Ajay Tambralli, Bryan A. Blakeney, Derrick D. Dean, and Susan L. Bellis, University of Alabama at Birmingham, Birmingham, AL
XI	1 st in paper	Erin Phillips	Social contexts of the Hemphill Style at Moundville. <i>Erin Phillips</i> , University of Alabama

Paper and Poster Award Winners for Chemistry Undergraduate Research Symposium

Sponsored by Alabama, Auburn, Mobile, North Alabama, and Wilson Dam ACS Local Sections

Award	Award Winner	Presentation
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1 st in paper	M. Quentin Sonnier	Palladium catalyzed Suzuki coupling with water-soluble phosphine ligands to promote activation of aryl halides. <i>M. Quentin Sonnier</i> and Kevin H. Shaughnessy, The University of Alabama
2 nd in paper	Stephen A. Fordham	Ionic liquids for energy storage. <i>Stephen A. Fordham</i> , Jacksonville State University
3 rd in paper	Jacob W. Boydston	Heavy metal mobilization from compost manure. <i>Jacob W Boydston</i> , Megan Dinger, and Nixon O Mwebi, Jacksonville State University
1 st in poster	Sonja C. Brooks	Structure and stability of CpG-oligonucleotides that induce TLR9 mediated cellular invasion. <i>Sonja C Brooks</i> and David E Graves, University of Alabama at Birmingham
2 nd in poster	Haley C. Booker	Synthesis of butamben: The Fischer Esterification reaction revisited. <i>Haley C Booker</i> , Christopher C Goodwin, and Nagarajan Vasumathi, Jacksonville State University
3 rd in poster	Bryan Delauney	Heavy metal contamination in soils around Anniston Alabama. <i>Bryan Delauney</i> and Nixon O Mwebi, Jacksonville State University