



Mechanical Engineering Advisory Board Meeting - Fall 2006, Thursday, October 19, 2006

List of Posters

UNDERGRADUATES POSTERS

Student Names: Michael Alberter III, Minh Phan, Calmeese Howar, Jonathan Washington

“The PARI Project: Balancing a Radio-Telescope”

Dr. William Craft

Student Names: Jordan Barber, Ebony Carter, Darnell Reid

“Pulse Jet Mixer Senior Design Project”

Faculty Advisor: Dr. Gary Tatterson

Student Names: Cicely A. Bullock, Nasstaja Dasque, Jelani Davis, Jamil Grant, Matthew Hudson, Jeffery Jordan, Jarvis Owens

“Society of Automotive Engineers 2006 Aero Design East”

Faculty Advisor: Dr. Frederick Ferguson & Dr. Messhia Saad

Student Names: James Tate, Jason Monk, Corey Yarborough, Brandon Johnson, Charles Coldman, Alonzo Jones

“Human Powered Aqua Still”

Faculty Advisor: Dr. Juri Filatovs

Student Name: Agustin, Wesley; Antwin, Allan; Boone, Doriane; Collins, Clayton; Gaskins, Myah; Gotti, George; Green, Justin; Henderson, Akil; Marbley, Michael; Rogers, Brandon; Rohrig, George

“2007 NCATSU Mini Baja Team”

Faculty Advisor: Dr. Daniel Acree

Student Names: Kritofer Gordon and Brandon Hancock

“Optimization of LaSrCrMgNiO ceramic sintering process for perovskite related membrane reactors”

Faculty Advisor: Dr. J. Sankar and Dr. S. Yarmolenko

GRADUATE POSTERS

Student Name: Feras Darwish, and Sameer Hamoush

“STATIC AND FATIGUE PERFORMANCE OF SCARF-PATCH REPAIRED COMPOSITE ”

Faculty Advisors: Dr. Kunigal Shivakumar

Student Name: Gowthaman Swaminathan

“The Effect of TiNiZr Alloy Composition on Martensitic Transformation”

Faculty Advisors: Dr. Kunigal Shivakumar

Student Name: Mr. Jonathan Alford

“Replication and stamping of freely-lying particles”

External Advisor: Dr. Joe Deslmore, UNC

Student Name: Gowthaman Swaminathan

“Thermoset Nanocomposites”

Faculty Advisors: Dr. Kunigal Shivakumar

Student Name: Raghu Panduranga

Compression and Fire Resistance Properties of Modified Syntactic Foam

Faculty Advisors: Dr. Kunigal Shivakumar

Student Name: Talisha Haywood

“Flux Pinning effects of laser ablated CeO₂/YBCO single layer thin films”

Faculty Advisor: Dr. Dhananjay Kumar.