

Andra Johnson, Ph.D.
Urban Forestry
SUBR Annual Report
July 2006

Student Mentoring

Served as a Mentor for Eboni Hall, SU SMART (Strengthening Minority Access to Research and Training) student.

Served as advisor to two graduate students during this reporting period.

Christopher Chappell

Alicia Arrington (Graduated Summer 2005)

Served as committee member for three internal graduate students and one external.

Served as undergraduate advisor for six students.

External Funding

Received an award for proposal entitled “Educating Minorities on the utilization of urban waste wood”, which will help to generate an interests in utilizing wood waste to generate additional income and strengthened the potential earning power of minorities. \$24,999, July 2005

Urban Forestry Summer Institute Program FY-2005. \$19,979.

Quantifying the Impacts of Biobased Plant Residues on Nutrient Management and Growth of Selected Urban Landscape Tees. CO-Investigator. \$153,176 FY-2004-05

Publications

Johnson, A.D. 2005. The Use of an Air-Spade™ and a Ground Penetrating Radar to estimate carbon storage of urban trees; abstract in Urban and Community Forestry Newsletter Summer 2005 No. 1.

Johnson, A.D. 2005. Start when they are young: A summer urban forestry enrichment program for high school students; abstract in Urban and Community Forestry Newsletter Summer 2005 No. 1.

Arrington, A. and **Johnson, A.** 2005. Urban Tree Inventory for the Town of Brusly, Louisiana. Submitted to Mayor Joey Norman and the Town of Brusly for Implementation.

Ning, Z. K. Abdollahi, D. Collins, and **A, Johnson.** 2005 Assist Minority Communities and Small Businesses in Urban Wood Waste Utilization. Submitted to the USDA Forest Service Region 8 for publication

Presentations: **Johnson, A.** 2005. Utilizing wood wastes from urban trees. At Making New Orleans Green Again Workshop, Dec. 6, New Orleans.

Presentation: **Johnson, A.** 2005 Economical benefits of utilizing wood wastes. At Making New Orleans Green Again Workshop, Dec. 6, New Orleans, LA

Presentation: **Johnson, A.** 2005 Carbon loss data from urban wood wastes. At Making New Orleans Green Again Workshop, Dec. 1, Baton Rouge, LA

Presentation: **Johnson, A.** 2006 Carbon loss data from urban wood wastes. At ARD Conference, Atlanta, Ga.

Johnson, A. 2006 Carbon loss data from urban wood wastes. Abstract in ARD 14th Biennial Research Symposium p. 285

Ning, Z, Abdollahi, K., and **Johnson, A.** 2006 Southern University Agricultural Center Scientists Assist Minority Communities and Small Businesses in Urban Wood Waste Utilization. Abstract in ARD 14th Biennial Research Symposium p. 287

Collins, D., Abdollahi, K., **Johnson, A.**, Ning, Z., Namwamba, F., Taylor, E., and Qi, Y. 2006 Contribution of the Urban Forestry Program at Southern University to Diversify Natural Resource Workforce. Abstract in ARD 14th Biennial Research Symposium p. 250

Presentation: Hall, E. and **Johnson, A.** 2005. Quantifying the Impacts of Flooding on Carbon Storage in Selected Urban Trees. SMART Program.

Johnson, A. and Hall, E. Quantifying the Impacts of Flooding on Carbon Storage in Selected Urban Trees. Submitted for publication to Journal of Arboriculture.

Johnson, A and Hall, E. Carbon Loss from Urban Wood Waste. Submitted for publication. Submitted for publication to Urban Forestry & Urban Greening

Proposals

Submitted proposal entitled “Quantifying the impacts of urban flooding on carbon storage in roots and root dimensions of selected urban tree species” to HYLAND R. JOHNS GRANT PROGRAM TREE RESEARCH AND EDUCATION ENDOWMENT FUND

Submitted proposal entitled “Quantifying the impacts of urban waste wood Utilization on growth and development of live oaks” to Cooperative State Research Extension and Education, USDA.

Campus Committee’s

Served on the Orientation Program Advisory Committee, for the orientation of freshman students and their acclimation to Southern University and A&M College campus.

Faculty Advisor for MANRRS.

Community Volunteer Work

Served as a volunteer mentor for underprivileged kids in East Baton Rouge Parish and also participated in annual career day for Baton Rouge Walk of Faith Collaboration

James A. Taylor Lodge #78 Committee Chair for mentoring program.

Additional

Served as a panel member for CSREES Small Farms and Rural Development and reviewer for the Journal of Tropical Forest Science