Addendum to the Program
116th Meeting of the Tennessee Academy of Science
Austin Peay State University
November 17, 2006

2006 TAS Plenary Address
“The Future of Science Education in Tennessee”
Ms. Susan Bunch
Assistant Commissioner for Teaching and Learning
Tennessee Department of Education.
10:30-11:30 Sunquist Science Complex E106

2006 TAS Industrial Scientist Award
Mr. Barry L. Kulback
Trane Commercial Systems.
Presented by TAS President John W. Harris
11:30-noon, Sunquist Science Complex E106

Additions – Oral Presentations

Microbiology

Molecular Diagnostic For TB Using Epitope Peptide Coupled With TAD Surface Chemistry In A Highly Sensitive ELISPAC Detection System
A Rinaldy, J. Henry, K. Gregorius, R. Ilyas and B. Setiawan, Innogene Kalbiotech, Singapore, China (AR, RI, BS) and ImmunoCon Diagnostic, Cordova, TN (AR, JH, KG).

Science and Math Education

Changes in Elementary Student Knowledge and Attitude About the Process of Science and the Environment Through an Ecological Field Study of the Cedar Glades.
K. Metius-House* and K. Cleary Sadler, Middle Tennessee State University.

Engaging Students in Active Learning with Tactile Teaching Tools.
M. A. Franzen, D. S. Goodsell, and T. Herman, Pellissippi State Technical Community College (MF), The Scripps Research Institute, La Jolla, California (DG), and Milwaukee School of Engineering, Milwaukee, Wisconsin (MF, TH).

Service-Learning In Undergraduate Biology Courses.
D. Panvini, Belmont University.

Teaching Undergraduates How to Read Scientific Articles: A Stepwise Approach.
J.T. Thomas.
Belmont University.

Continued on back
Additions – Poster Presentations

Botany


Cell and Molecular Biology

Preparatory Steps For Daucus Carota Transformation With An O-Antigen Gene From Shigella Sonnei For Possible Vaccine Use. R. M. Sharpe and A. B. Cahoon, Middle Tennessee State University.

q(RT)_2PCR For Relative Expression of Selected Genes Along the Length of a Zea mays leaf. R. M. Sharpe and A. B. Cahoon, Middle Tennessee State University.

Science and Math Education

From Bench To Bedside: Molecular Stories Of Research-Based Health Care. S. Colton, A. Batiza, M. Franzen# and T. Herman, Milwaukee School of Engineering, Milwaukee, Wisconsin.

Zoology


Biodiversity Of Shrews (Sorcidae) In Western Tennessee. A. N. McBride*, H. L. LaMountain*, and M. L. Kennedy, The University of Memphis.


Change:

Math and Computer Science