

Listing of Papers to be presented by UTC Faculty and Students at the 56th
Southeastern Regional ACS Meeting in Research Triangle, NC
Nov. 11-13, 2004

Author is **in bold**

I. Posters

1. Paper Number 647.

Pyrimidine Biosynthetic Pathway in *Pseudomonas syringae*.

Sarah Prince, Gail M. Meyer, Manuel F. Santiago

2. Paper Number 641

Reducing Agent of Dihydropyrimidine Dehydrogenase.

Randi L. Gant, Gail M. Meyer, Manuel F. Santiago

3. Paper Number 642.

Degradation of Pyrimidines by *Pseudomonas syringae*.

Randi L. Gant, Gail M. Meyer, Manuel F. Santiago

4. Paper Number 758

Analysis of Toxic Metals in *Lentinus edodes* by Atomic Absorption, Flame Emission and Inductively-Coupled Plasma - Atomic Emission Spectroscopy

Kira D. Shurtz, Gretchen E. Potts

5. Paper Number 764

Stability Determination of Midazolam Syrup by Reversed Phase HPLC

Matthew C. Zoerb, Steven J.K. Symes

6. Paper Number 768

Spectrophotometric Titrations of Eriochrome Black T with Mg^{2+} and Cu^{2+}

Darshan D. Naik, John A. Lynch, Eric T. Lane

7. Paper Number 822

Molecular Modeling of Gas Interactions with a Nanoporous Carbon and Predictions of Chromatographic Retention Times

Katherine A. Ziegler, Jennifer L. Boyd, Mark E. Ridgeway, Howard E. Thomas, Thomas R. Rybolt

8. Paper Number 883

Reactions of the Diterpene Sclareol with Electrophilic Halogen Reagents

Charles Sisson, Thomas G. Waddell

9. Paper Number 884

Studies Toward the Enantioselective Dehalogenation of Secondary Alkyl Halides

Erika M. Milczek, Kyle S. Knight

[10. Paper Number 874](#)

Synthesis of the mixed-donor macrocycle 9S2N, 7-aza-1,4-dithiacyclononane

Maikel E Botros, Gregory J Grant

[11. Paper Number 713](#)

Platinum (II) Complexes of Crown Thioethers with Chiral Diphosphine and Diamine Ligands

Emily R. Hinson, Gregory J. Grant

[12. Paper Number 715](#)

Preparation of Corners of a Self-assembled Molecular Cube using Trivalent Group 9 Metal Complexes

Weinan Chen, Gregory J. Grant

[13. Paper Number 712](#)

Synthesis and Characterization of a Self-Assembled Platinum(II) Molecular Square

Ketankumar Patel, Gregory J Grant

[14. Paper Number 871](#)

Cyclization of substituted octadienes via zirconocene catalysis

Kelvin S. Wilson, Kyle Knight

II. Talks

[Paper Number 433](#)

Mixed Sandwich Rh(III) and Ir(III) Complexes Containing Cp* and Tridentate Macrocycles

Gregory J Grant, John P Lee, Monte L Helm

[Paper Number 742.](#)

Applications of ¹⁹⁹Hg NMR Spectroscopy in Heavy Metal Complexes of Thiacycrown Ligands

Gregory J Grant, Monte L Helm, Gregory P Helton, Lensey L Hill.