TO: All School of Pharmacy Personnel

FROM: Charles D. Hufford, Associate Dean for Research and Graduate Programs

DATE: October 10, 2005

SUBJECT: Research News (#3)

The following GRANTS/CONTRACTS have recently been awarded:

1. **Dr. Mitchell Avery** (P.I. – Medicinal Chemistry) – Development and Testing of New Antimalarial Drugs (Department of Health and Human Services/Centers for Disease Control and Prevention/National Center for Infectious Diseases), $3,000,000.00 – August 1, 2005-July 31, 2006.

2. **Dr. Mitchell Avery** (P.I. – Medicinal Chemistry) – Development and Testing of New Medicines for Treatment of Emerging Infectious Diseases – Year 3 (Department of Health and Human Services/Centers for Disease Control and Prevention), $1,500,000.00 – September 15, 2005-September 14, 2006.

3. **Dr. Joseph Byrd** (P.I. – Pharmacy Practice) – Agreement for Clinical Liaison (University of Mississippi Medical Center Department of Medicine), $57,840.00 – April 1, 2005-March 31, 2006.

4. **Dr. Joseph Byrd** (P.I. – Pharmacy Practice) – Contract for Residency Training Program Support (University of Mississippi Medical Center), $25,000.00 – July 1, 2005-June 30, 2006.

5. **Dr. Joseph Byrd** (P.I. – Pharmacy Practice) – UM School of Pharmacy and Baptist Memorial Hospital – North Mississippi Agreement (Baptist Memorial Hospital – North Mississippi), $56,250.00 – July 19, 2005-July 18, 2006.

6. **Dr. Joseph Byrd** (P.I. – Pharmacy Practice) – Delta Diabetes Project (University of Mississippi Medical Center), $38,973.00 – August 1, 2005-July 31, 2006.

7. **Dr. Alice Clark** (P.I. – School of Pharmacy/Office of Research and Sponsored Programs) and **Dr. Ameeta Agarwal** (Co-P.I. – NCNPR) – New Drugs for Opportunistic Infections (National Institutes of Health/National Institutes of Allergy and Infectious Diseases), $314,593.00 – July 1, 2005-June 30, 2006.


10. **Dr. Victor Dostrow** (P.I. – Pharmacy Practice) and **Dr. Brian Crabtree** (Co-P.I. – Pharmacy Practice) – Optimization of Extended-Release Divalproex in Mentally Retarded Patients with


14. Dr. Ikhas Khan (P.I. – NCNPR) – Optimization of Large-Scale Production of Value-Added Standardized Medicinal Plant Extracts (Civil Engineering Research Foundation), $7,000.00 – August 25, 2005-June 30, 2006.

15. Dr. Thomas Lombardo (P.I. – Psychology/Office of Research and Sponsored Programs) and Dr. John Bentley (Co-P.I. – Pharmacy Administration) – “ACT Now” Tobacco Intervention Program (University of Mississippi Medical Center/Partnership for a Healthy Mississippi), $101,666.25 – June 1, 2005-May 31, 2006.


17. Dr. Rae Matsumoto (P.I. – Pharmacology) – Sigma Ligands for the Treatment of Cocaine Overdose (National Institute on Drug Abuse), $250,418.00 – August 1, 2005-July 31, 2006.

18. Dr. David Pasco (P.I. – NCNPR), Dr. Nirmal Pugh (Co-P.I. – NCNPR), Dr. Ikhas Khan (Co-P.I. – NCNPR) and Dr. Rita Moraes (Co-P.I. – NCNPR) – New Immuno-Active Compounds for Optimizing Echinacea (National Institutes of Health/National Center for Complementary & Alternative Medicine), $284,203.00 – September 15, 2005-July 31, 2006.


20. Dr. Larry Walker (P.I. – NCNPR), Dr. Dhammika Nanayakkara (Co-P.I. – NCNPR) and Dr. Babu Tekwani (Co-P.I. – NCNPR) – NPC 1161B – Year 2 (Medicines for Malaria Venture), $619,800.00 – July 1, 2005-December 31, 2005.


23. Dr. Barbara Wells (P.I. – RIPS/School of Pharmacy) and Dr. Charles Hufford (Co-P.I. – RIPS/School of Pharmacy) – National Center for Natural Products Research – Phase II Auditorium (Department of Health and Human Services/Health Resources and Services Administration), $2,553,369.00 – September 1, 2005-August 31, 2006.

24. Dr. John Williamson (P.I. – Medicinal Chemistry), Dr. Mitchell Avery (Co-P.I. – Medicinal Chemistry), Dr. Ronald Borne (Co-P.I. – Medicinal Chemistry), Dr. Christopher McCurdy (Co-P.I. – Medicinal Chemistry) and Dr. John Rimoldi (Co-P.I. – Medicinal Chemistry) – IGERT-Entrepreneurship at the Interface of Polymer Science and Medicinal Chemistry (The University of Southern Mississippi/National Science Foundation), $322,120.00 – October 1, 2005-September 30, 2006.

25. Dr. John Williamson (P.I. – Medicinal Chemistry) and Dr. Mary Haasch (Co-P.I. – RIPS/ECHR) – INBRE Mississippi Functional Genomics Network (MFGN) (The University of Southern Mississippi/National Institutes of Health), $100,800.00 – July 1, 2005-March 1, 2006.

26. Dr. Jordan Zjawiony (P.I. – Pharmacognosy) – Semisynthesis of Salvinorin A Derivatives and Analogs for k-Opioid Receptor and Related Studies (Case Western Reserve University/National Institutes of Health), $75,000.00 – July 1, 2005-June 30, 2006.
The following PUBLICATIONS have appeared:


TECHNOLOGY TRANSFER transactions:
(In the interest of protecting confidential information, the names and titles associated with School of Pharmacy invention disclosures and patent applications will no longer be published until after a patent has issued.)

| Invention Disclosures Filed in 2005 | 7 |
| Patent Applications Pending | 33 |
| Recent Patents Granted | 0 |

Please continue to send me important research and graduate information so that I might share it with your faculty colleagues. THIS INFORMATION IS NOW BEING POSTED ON THE SCHOOL OF PHARMACY WEB PAGE (www.pharmacy.olemiss.edu)! Thank you.

cc: Dean Barbara G. Wells
    Ms. Dabney Weems
    Ms. Euphiazene Gray, Office of Research