TO: All School of Pharmacy Personnel

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

DATE: January 30, 2001

SUBJECT: Research News (#1)

The following GRANTS/CONTRACTS have recently been awarded:

1. **Dr. Mitch Avery** (P.I. – Medicinal Chemistry) – Synthesis of Epothilones and Related Analogs (NaPro Biotherapeutics), $150,000 – 11/00-10/03.

2. **Dr. John Bentley** (P.I. – Pharmacy Administration) – Factors Influencing Pharmacists’ Perceptions of Ethical Problems: The Role of the Professional Environment, Organization Environmental and Personal Characteristics (University of Mississippi Faculty Small Grants Program), $3,750.


4. **Dr. Daneel Ferreira** (P.I. – NCNPR/RIPS) – Synthesis of Radio Labeled Condensed Tannin Precursors (Nobel Foundation), $65,000 – 11/00-10/03.

5. **Dr. Mark T. Hamann** (P.I. – Pharmacognosy) – Lead Optimization Studies of the Antimalarial Marine Natural Product Manzamine (The World Health Organization), $20,000 – 12/00-6/01.

6. **Dr. David J. McCaffrey** (P.I. – Pharmacy Administration) – Measuring the Perspectives of Pharmacy Opinion Leaders on the Pharmaceutical Industry (Amgen), $15,000 – 10/00-10/02.

7. **Dr. Michael Repka** (P.I. – Pharmaceutics) – Antifungal Denture Adhesive Film (University of Mississippi Faculty Small Grants Program), $5,000.

8. **Dr. John M. Rimoldi** (P.I. – Medicinal Chemistry); **Dr. John Matthews** (Co-P.I. – Pharmacology) and **Dr. Marc Slattery** (Co-P.I. – Pharmacognosy) – Identification of Neurotoxins from Centaurea: A Systematic Approach (USDA Seed Grant), $75,000 – 6/00-5/01.

9. **Dr. Marc Slattery** (P.I. – ECHR/RIPS/Pharmacognosy), Dr. Stephan Threlkeld (Co-P.I. – Biology), Dr. Ajit Sadana (Co-P.I. – Chemical Engineering), **Dr. Christy Foran** (Co-P.I. – ECHR/RIPS) and **Dr. Kristine Willett** (Co-P.I. – Pharmacology) – UM Environmental Signals and Sensors (UMMC/CDC), $602,352 – 9/00-9/05.
10. **Dr. Marc Slattery** (P.I. – Pharmacognosy) – Drug Discovery: Extracts from Marine Invertebrates and Algae (Merck Co.), $250,000 – 11/00-10/02.

11. **Dr. Kristine Willett** (P.I. – Pharmacology) – CYPIBI-Dependent Estrogen Metabolism and Oxidative Stress in Two Related Species of Catfish (University of Mississippi Faculty Small Grants Program), $5,000.

The following **PUBLICATIONS** have appeared:


The following **TECHNOLOGY TRANSFER** transactions have occurred:

*In the interest of protecting confidential information, the titles of invention disclosures and patent applications will not be published until after a patent has been issued. Inventors outside of the School of Pharmacy will not be published until after a patent has been issued.*

**INVENTION DISCLOSURES FILED IN 2001**
- None

**PATENT APPLICATIONS PENDING**
- David S. Pasco, Nirmal Pugh, Mahmoud ElSohly, Samir Ross
- David S. Pasco, Nirmal Pugh, Mahmoud ElSohly, Samir Ross
- Mark T. Hamann, Khalid El Sayed et.al.
- Mitchell A. Avery
- Mitchell A. Avery et.al.
- John K. Buolamwini et. al.
- Mahmoud ElSohly, Samir Ross, et al
- N. P. Dhammika Nanayakkara et. al.

**RECENT PATENTS GRANTED:**
- None
The following **SPECIAL ANNOUNCEMENTS** are also listed:

- **Dr. Noel Wilkin** and Dr. Glenn Browne (Texas Tech University) gave a presentation at The Society for Judgement and Decision Making Meeting in New Orleans in November. The title of the presentation was “An Investigation of the Influence of Information Attributes on Judgments of Relevance and Reliability”.
- The Society of Environmental Toxicology and Chemistry Meeting was held in Nashville, Tennessee - November 11-16, 2000. The following Poster Presentations, Platforms and Short Courses were presented by the Environmental Toxicology Research Program:

**Poster Presentations**

2. **Effects of various estrogenic compounds and industrial wastewater discharge on sea urchin development** - M. Slattery, D.S. Block, B.C. DeBusk, D. Schlenk.
8. **Metabolic Consequences of estrogen exposure** - C.M. Foran, B.K. Larsen.
12. **Effects of various estrogenic compounds and industrial wastewater discharge on sea urchin development** - M. Slattery, D.S. Block, B.C. DeBusk, D. Schlenk.

**Platforms**

3. **Identification & sequencing of a CYP2 cDNA from channel catfish** - B.C. DeBusk, X. Zhou, D. Schlenk.

5. Physiological Effects of Transgenerational Cadmium Exposure – C.M. Foran.


**Short Courses**


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!** Thank you.

cc: Interim Dean Robert D. Sindelar
    Ms. Barbara Lago
    Ms. Beverly Urbanek
    Ms. Dabney Weems