TO: All School of Pharmacy Personnel

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

DATE: August 30, 2000

SUBJECT: Research News (#3)

The following GRANTS have recently been awarded:

1. Dr. Mitchell Avery (P.I. – Medicinal Chemistry) – Development of Novel Antifungal Anti-PC Natural Products (Year 2) (NIH/National Institute of Allergy and Infectious Diseases), $279,225.
2. Dr. Alice Clark (P.I. – RIPS/NCNPR) – New Drugs for Opportunistic Infectious Diseases (Year 11) (National Institute of Health/National Institute of Allergy and Infectious Diseases), $216,000.
3. Dr. Mark Hamann (P.I. – Pharmacognosy) – The Isolation and Structural Characterization of Natural Product Research Chemicals (Sequoia Sciences), $54,450 – 8/1/99-7/31/00.
4. Dr. Mick Kolassa (P.I. – Pharmacy Administration) – Development of Training Materials and Methods in Pharmaceutical Pricing (SmithKline Beecham), $5,000 – 4/1/00-5/31/00.
5. Dr. Bruce Parks (P.I. – Clinical Pharmacy Practice) – Pregabalin BID Study (Protocols 1008-034/035) (Supplemental Funding) (Parke-Davis), $2,200.
6. Dr. David Rogers (P.I. – Clinical Pharmacy Practice) – Azole Antifungal Resistance in *Histoplasma Capsulatum* (American College of Clinical Pharmacy), $10,000 – 7/00-6/01.
7. Dr. David Rogers (P.I. – Clinical Pharmacy Practice) – Molecular Mechanisms of Azole Antifungal Resistance (Ortho Biotech), $3,000 – 7/00-6/01.
9. Dr. John Williamson (P.I. – Medicinal Chemistry) – Support of Biomedical Research Internship Program (Schering-Plough Healthcare Pharmaceuticals), $8,612 – 1/00-12/00.
10. Dr. Jordan Zjawiony (Co-P.I. – Pharmacognosy), Dr. Mark Hamann (Co-P.I. – Pharmacognosy) and Dr. Marc Slattery (Co-P.I. – Pharmacognosy) – Semisynthetic and Microbial Transformations of
Marine Natural Products for Technological Development in Human Health and Agriculture (Mississippi-Alabama Sea Grant Consortium), $111,169 (year 3 of grant) – 2/1/00-1/31/01.

11. Dr. Jordan Zjawiony (Co-P.I. – Pharmacognosy) and Dr. Raouf Kilada (Co-P.I. – Suez Canal University) – Development of New Pharmaceuticals from the Red Sea Soft Coral *Sarcophyton Glaucaum* (U.S. - Egypt Joint Science and Technology Board), $24,290 (Zjawiony) and $25,570 (Kilada).

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the interest of protecting confidential information, the titles of invention disclosures and patent applications will not be published until after a patent has been issued.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 2000**

- Mahmoud ElSohly, Samir Ross, et al.
- Hamidreza Ghandehari, Anjan Nan, Dhammika Nanayakkara
The following **SPECIAL ANNOUNCEMENTS** are also listed:

- **Mr. Tyler Hodges** (Graduate Student, Pharmacognosy) was awarded an American Society of Pharmacognosy Undergraduate Research Grant in the amount of $2,500 to pursue his studies on “Discovery of New Angiogenesis Inhibitors to Treat Cancer.” Dr. Dale Nagle serves as Mr. Hodges’ Advisor.

- **Mr. Nirmal Pugh** (Graduate Student, Pharmacognosy) was selected to receive an ASP Student Research Award for all expenses paid attendance at the 41st Annual Meeting of the American Society of Pharmacognosy in Seattle, Washington during July, plus a $500 cash award. The awards were contingent upon Mr. Pugh making a formal presentation of his research at the meeting. The title of Mr. Pugh’s research paper presentation was “Characterization of a Novel Polysaccharide (NP18298) from *Aloe Vera* with Potent Immunostimulatory Activity”. Mr. Pugh was also selected to receive the Kilmer Award, presented jointly by ASP and the American Pharmaceutical Association.

- **Ms. Jeanne Kuhajek** and **Ms. Melany Puglisi** (Graduate Students, Pharmacognosy) were selected to receive ASP Student Travel Grants for $600 each to enable them to attend the 41st Annual Meeting of the American Society of Pharmacognosy in Seattle, Washington during July. Ms. Kuhajek presented two papers (posters): “Ecological Patterns Influence the Antifungal Activity of Root Extracts from Rocky Mountain Wetland Plants” and “A Rapid Microbioassay for Discovery of Novel Anti-*Phytophthora* Agents”. Ms. Puglisi’s presentation (oral) was titled “A Case for Marine Chemical Ecology as a Tool for Drug Discovery”.

- **Dr. Dan Schlenk** was named School of Pharmacy Faculty Researcher of the Year for 1999-2000.

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