ANNOUNCEMENTS

AACP Awards

Nicholas G. Popovich, professor of pharmacy practice at Purdue University School of Pharmacy and Pharmacal Sciences, has been selected as the 1997 AACP Distinguished Pharmacy Educator. The award, which recognizes outstanding individual achievement in pharmaceutical education, has been sponsored by Hoechst Marion Roussel since its inception in 1981.

During his AACP presidential year (1991/92) Dr. Popovich advanced the theme of “educational care,” which he defined as “...mandating the establishment of a commitment between the faculty and student and cooperation with the student and other faculty in designing, implementing, and monitoring an educational plan that will produce specific performance-based outcomes for the student.” This concept paralleled the emerging concept of “pharmaceutical care” which now serves as the foundation for pharmacy practice and education in the United States.

Among his many accomplishments are publications of the earliest evaluation of the validity and utility of the Pharmacy College Admissions Test (PCAT) in 1977, development of the first diagnostic evaluation to assess practitioner readiness for matriculation into doctor of pharmacy programs in 1988, and incorporation of computer-assisted instruction and problem-based learning into professional course work to facilitate development of problem-solving skills in pharmacy students. Dr. Popovich as received teaching awards from the University of Kansas and Purdue University, and was nominated five times for the prestigious Amoco Award for Teaching Excellence which he won in 1986. He is a four-time recipient of the AACP Rufus A. Lyman Award for contributions to the literature of pharmaceutical education.

Beyond these accomplishments, however, Dr. Popovich is most noted by colleagues and students alike as a person for whom “educational care” is a way of life. His commitment to this concept has been evident in his leadership, inspiration and impact on students resulting in an outstanding performance as a role-model and an ability to instill in students his own values of genuineness, honesty, caring, and sincerity for more than 20 years.

Nicholas S. Bodor, graduate research professor of pharmaceutics and executive director of the Center for Drug Discovery of the University of Florida College of Pharmacy is the 1997 recipient of the AACP Volwiler Research Achievement Award. The Award is sponsored by Abbott Laboratories in memory of its former president and research director, Dr. Ernest H. Volwiler. Dr. Bodor has published over 420 research articles and holds more than 150 patents attesting to the uniqueness of his work. Many of his patents are under license by pharmaceutical manufacturers, demonstrating the applicability of his research efforts in improving health care. Dr. Bodor has given over 300 invited plenary and keynote lectures worldwide, and has been Visiting Professor at the University of Assuit, Egypt and Hoshi University, Tokyo. He has trained over 160 young scientists at the doctoral and postdoctoral levels, and has been awarded numerous research grants from the National Institutes of Health.

Born in Szatmarnemeti, Transylvania, Dr. Bodor graduated from high school at age 15 and was admitted as one of 20 selected applicants to a special college at Bolyai University established to train research chemists. He earned a diploma in organic chemistry as the top graduate of Bolyai university. He began work at the Central Pharmaceutical Chemical Research Institute in Dluj, Romania and soon thereafter was accepted by the very restricted doctoral program in Bucharest led by Professor Angelescu, becoming the youngest doctor in chemistry in Romania. Dr. Bodor joined the faculty at the University of Florida in 1978 as professor and chair of the Department of Medicinal Chemistry. He was promoted in 1983 to graduate research professor, the highest distinguished professorship level in the state university system.

Ronald T. Borchardt, Solon E. Summerfield Distinguished Professor and chair of the Department of Pharmaceutical Chemistry at the University of Kansas, has been selected by the AACP Board of Directors as the recipient of the 1997 AACP Paul Dawson Biotechnology Award. The award is sponsored by Amgen Inc. Dr. Borchardt received his bachelor of science in pharmacy degree from the University of Wisconsin-Madison and his PhD in medicinal chemistry from the University of Kansas. As researcher and scholar, Dr. Borchardt has been instrumental in bringing the biotechnology revolution to the pharmaceutical sciences. He was among the first to develop cell culture models of the blood brain barrier and intestinal epithelium, and to use these models to investigate the factors influencing peptide and protein transport. Dr. Borchardt is renowned for his work in peptide and protein degradation and stabilization, particularly in the area of deamidation reactions. More recently, he and his group developed a program on cyclic prodrugs of peptides and demonstrated the improved ability of these agents to penetrate biological barriers.

Co-authors Dana Purkerson, Holly Mason, Robert Chalmers, Nicholas Popovich, and Steven Scott were selected to receive the AACP Rufus A. Lyman Award. The award recognizes their article, “Evaluating Pharmacy Students’ Ability-based Educational Outcomes Using an Assessment Center Approach,” published in Volume 60 of the American Journal of Pharmaceutical Education. The award-winning paper describes the development
of assessment methods for several ability-based educational outcomes previously described in Background paper II of the AACP Commission to Implement Change in Pharmaceutical Education. The outcomes identified included group interaction, problem solving, written communication skills, and interpersonal communication skills. The paper reports the development of an assessment process to facilitate measurement of the four outcomes described by the Commission. The paper has particular relevance due to the substantial curricular revision currently underway in many of the nation’s schools and colleges of pharmacy.

**AACP Election Results.** The membership of the American Association of Colleges of Pharmacy has elected Jordan L. Cohen, dean and professor of pharmaceutics at the University of Kentucky College of Pharmacy, as the president-elect designate. Dr. Cohen’s career has included 18 years of service on the faculty of the University of Southern California School of Pharmacy, where he was director of the Pharmaceutics Division from 1978 to 1987. He was an American Council on Education fellow from 1985 to 1986, serving as assistant to the chancellor of the University of California at Irvine, and he became dean of the University of Kentucky College of Pharmacy in 1988. In addition to his long involvement in AACP as a committee, section, and council chair and member of the AACP Board of Directors, Dr. Cohen has been active in several pharmacy organizations and the Association of Academic Health Centers, where he currently is the chair of the Board of Trustees of the United States Pharmacopeial Convention, having been elected to its Committee of Revision in 1980.

Other AACP election results:

**Council of Deans**
- **Chair-elect:** Barbara G. Wells, Idaho State

**Council of Faculties**
- **Chair-elect:** S. William Zito, St. John’s

**Academic Sections**

**Biological Sciences**
- **Chair-elect:** Gary E. Delander, Oregon State

**Chemistry**
- **Chair-elect:** Paul L. Schirf, Pittsburgh

**Continuing Professional Education**
- **Chair-elect:** James E. DeMuth, Wisconsin

**Libraries/Educational Resources**
- **Chair-elect:** Yvonne C. Hull, Xavier
- **Secretary:** Neil Frick, St. John’s

**Pharmaceutics**
- **Chair-elect:** Maureen D. Donovan Iowa
- **Secretary:** Shelley L. Chambers, Washington State

**Pharmacy Practice**
- **Chair-elect:** Jeffrey N. Baldwin, Nebraska

**Social and Administrative Sciences**
- **Chair-elect:** Ronald S. Hadsall, Minnesota
- **Secretary:** Matthew M. Murawski, Mississippi

**GRANTS AND AWARDS**

**University of Connecticut.** Paul A. Kramer has received a grant of $14,985 from Inhale Therapeutics Systems, Inc. for a study “Pulmonary Disposition of FITC-Insulin following Intratracheal Administration to Rats.”

**Howard University.** Edward C. Oparaoji has been awarded a $30,000 grant from SmithKline Beecham to coordinate and host a radio program on pharmacy issues. The program, titled, “Ask the Pharmacy Doctor,” will be broadcast for 20 consecutive weeks. Anthony Wutoh and Roa S. Pippalla have received $26,800 from the Howard University New Faculty Grant Program to investigate “The Role of Quality of Life on Medication Compliance and Survival of AIDS Patients.”

**Florida A & M University.** Evans Branch III has received $4,000 from Dupont Pharmaceuticals Corporation for “Establishment of an Anticoagulation Service at Miami VAMC.” R. Renee Reams and J.T. Neary have been awarded a Veterans Affairs Merit Review Grant in the amount of $120,000 for the study, “Signal Transduction Mechanisms Underlying Lead Neurotoxicity.”

**Purdue University.** Stephen L. Nail has received the following grant awards: $6,000 from Alcon Laboratories, Inc. for “Freeze Drying of AL-8417” and $7,000 from Arco Chemical Company for “Freeze Drying of Co-solvent Systems.” Garnett E. Peck has been granted $17,000 by FMC Corporation for “Studies of the Subject of Roller Compaction of Avicel-Microcrystalline Cellulose,” and $20,000 by Bayer Corporation for the project, “Investigations in Pharmaceutical Sciences and Technology.” The following have received grant awards from the Public Health Service: Carol B. Post, $150,367, for “Protein Structure Stabilization and Activity in Human Rhinovirus;” David E. Bergstrom, $138,787, for “Design and Synthesis of Oligonucleotide Analogos;” Mark S. Cushman, $191,938, for “Synthesis of Congeners and Prodrugs;” Raymond E. Galinsky, $18,189, for “TPN, the Aging Liver and Drug Conjugation;” Marietta L. Harrison, $27,216, for a MARC Predoctoral Fellowship Program; and $28,060, for a Minority Predoctoral Fellowship. Duane O. Kidsig and R.B. Jako have received $37,500 from Eli Lilly and Company for the project titled, “Dustiness Testing.” D. James Morre and D.M. Morre have been awarded grants of $25,735 and $72,447 from the National Aeronautics and Space Administration for “Biological Particle Separation in Low Gravity.” Marc A. Green and Donald E. Bergstrom have received $279,937 from the U.S. Department of energy for research titled, “Receptor-Targeted Metalloradiopharmaceuticals.” Dr. Green has also received a grant award from Proportional Technologies for the project, “Development of a Copper-62 Pet Perfusion Agent.”

**Midwestern University.** Thomas J. Reutzel has received $15,000 from the National Association of Chain Drug Stores for “Patient-Based Practice Models in the Chain Store Environment: Expectations, Barriers, and Solutions.”

**Mercer University.** Dr. Richard Jackson received Rho Chi Society’s Distinguished service award at the 75th anniversary award meeting of The Society in Los Angeles, California March 9, 1997. Elizabeth Horner and Hewitt Matthews have received a $2,500 grant from Pharmacia & Upjohn for Telecommunications Network (Telnet) programming for continuing education to pharmacists throughout the state of Georgia.

**University of Iowa.** Michael Klepser has received $42,522 from Pfizer, Inc. for the study “Antifungal Activities of Fluconazole, LY 303366 and L-743,872 alone and in Combination Against Candida spp. and Cryptococcus neoformans via Time-Kill Methods.”

**University of Kansas.** J. Howard Rytting and E. Boyce have received a grant of $30,000 from Odontex, Inc. for “Development of Oral Delivery Product Concepts and Assessment Methods.” J. Howard Rytting has also received $20,000 from NexMed, Inc., for the study, “Development of Dermal Devices and Formulations.” The following have received NIH grant awards: Elias Michaelis, N. Kumar, and MaryLou Michaelis, $207,280, for “Antibodies to NMDA Receptor Subunits Altered by Ethanol;” E. Michaelis, D. Bigelow, E. Floor, C. Lunte, Mary Lou Michaelis, $20,000 by Bayer Corporation for the project, “Role of Reactive Oxygen Species in Aging;” Elias Michaelis, D. Bigelow, E. Floor, C. Lunte, Mary Lou Michaelis, Christian Schoeneich and T. Squier, $29,315, for “Role of Reactive Oxygen Species in Aging;” Elias Michaelis and MaryLou Michaelis, $217,137, for “Molecular Actions of Alcohol
in Brain-Model Membranes;” and Lester Mitscher and C. Freeman, $229,839, for “New Antibiotics - Isolation, Synthesis and Evaluations.”

University of Kentucky. Dr. Robert Yokel and Dr. Patrick McNamara received funding from the EPA in the amount of $122,274 for research entitled “Aluminum Toxicokinetics Oral Absorption from Drinking Water and Brain Retention.”

Northeast Louisiana University. Dr. Robert L. Judd has been awarded a Pharmaceutical Research and Manufacturers of America Foundation (PhRMA) Research Starter Grant in the amount of $25,000 for two years, to study, “Effect of Metformin on Phosphoenolpyruvate Carboxykinase Activity in Cultured Rat Hepatocytes and H4IE Cells.” Harihara M. Mehendale has received a grant of $67,188 from NIEHS for the research study, “Dietary Restriction and Toxicant-Induced Liver Disease.”

Northeastern University. Ralph Loring has been granted $567,000 by NIH for research titled, “Characterization of Neuronal Nicotinic Receptors.”

University of Minnesota. W. Thomas Shier has received a grant award from the U.S. Department of Agriculture in the amount of $144,156 to study, “Fate of Fumonisin B1: Eliminated by Thermal Food Processing.”

University of Mississippi. Alice M. Clark (PI) and Charles D. Hufford have received an NIH grant of $184,633 to study, “New Drugs for Opportunistic Infections.” Sherly, L. Szinbach, Matthew M. Murawski and James H. Barnes have received $37,750 from Ciba Pharmaceuticals for the project, “Health Status Preference Evaluations.”

University of Montana. Diana Lurie has been awarded $502,950 by NIH to conduct research regarding PTP1C increases in the deafened auditory brainstem. Richard Bridges has been granted $311,460 from the Paralysis Project of America to study the role of glutamate transporters in the spinal cord. Richard Bridges has received $6,000 from the University of California at Irvine for research on receptor specific excitatory amino acid analogues. Christopher S. Esslinger has been awarded a NIH research fellowship award in the amount of $63,000.

Creighton University. Michael Monaghan, with Charlotte Royeen, Judy Bell and Kenneth Keefner, has received a grant of $2,950 from NABP/AACP District V for “Can Standardized Patients be Used to Certify Life Experiences?” Christopher Destache has been awarded a $30,000 grant from Wyeth-Ayerst Laboratories for the study “Outcomes and Total Costs of IV Zosyn and IV Unasyn Plus Gentamicin for the Treatment of Patients with Community Acquired Infections Due to Complicated Appendicitis.” Destache has also received a $55,000 grant from Amgen, Inc. for the study, “Randomized Comparison of Fluconazole plus GCSF with Fluconazole Alone in Patients with Invasive Candidal Infections or Candidemia.”

University of Nebraska. Alexander V. Kabanov has been awarded a NSF grant of $40,780 for research titled, “Complexes of Block Ionomers with Oppositely Charged Homopolymers and Surfactants.”

Rutgers University. Patrick Sinko has been granted an award of $107,465 by the National Institute of Allergy and Infectious Diseases for the study, “Oral Absorption and Biopharmaceutics of Anti-HIV Drugs.” He also received $32,010 from Unigene Laboratories, Inc. for “Integrated Approach to the Development of Novel Formulations for the Oral Delivery of Small Protein.” Eric Weyand received a grant award of $14,700 from Exxon Biomedical Sciences, Inc. for the study, “Exxon Biomedical Analysis of Tissue;” $41,600 from the Electric Power Research Institute, Inc. for the study, “Evaluation of Select Soils from Manufacturer Gas Plant Sites;” and $70,000 from the Electric Power Research Institute for “Biological Studies of Manufactured Gas Site Wastes.” Chung Yang has received $286,459 from NIH for research titled, “Cytochrome P450 2E1” and $267,368 for “Mechanistic Studies on Tea and Carcinogenesis.” He also received a grant award of $152,390 from the University of Minnesota for the project, “Ismoicyanates and Nitrosamine Carcinogenesis.” Mary Bradley has received a $12,000 grant from Schering Plough for an asthma disease management certification program. Dr. Bradley also received $8,520 from Parke-Davis for a diabetes primer educational program conducted at Parke-Davis. Metin Celik has been granted $15,000 by Organon for the development of a hylophilization expert system and $50,000 from Bayer Corporation for research titled, “Development of Expert Systems for Tabletting and Spray Drying.” Allan Conney received $10,000 from Kalsec, Inc. as an unrestricted grant to support the Laboratory for Cancer Research. He also received $13,500 from the Schering-Plough Research Institute to support the Schering-Plough Graduate Student Fellowship and $15,000 from Unilever Research Laboratories as an unrestricted grant to support the Laboratory for Cancer Research. Michael Iba has received $74,448 from the University of Medicine and Dentistry of New Jersey for a consortium for risk evaluation with stakeholder participation. Edmond LaVoie has been granted $246,397 by NIEHS for research titled, “Environmental Polycyclics: Metabolism and Activation.” Kenneth Reuhl has been awarded $171,522 by NIEHS for the project, “Mechanisms of MeHg (Methylmercury) Neurotoxicity During Development.”

Albany College of Pharmacy. The following have been awarded NIH grants: Penelope Longhurst, for a period of three years in an amount of $400,000 for, “Functional Effects of Purinergic Innervation;” and Diane Sylvester in the amount of $71,463 for two years for, “Acrylamide—Biomarker for Exposure Assessment;” and George Bale, $102,000, for a three year study, “Intermittent Dosing in Peritoneal Dialysis.”

University of New Mexico. William Troutman, has been awarded a $174,661 grant by the National Library of Medicine for an interactive medical information system in New Mexico. Katherine M. Kramer has received $20,000 from Zeneca for a multicenter study titled, “Controlled Clinical Evaluation of Urinary Zinc Excretion Renal Function, and the Overall Safety Profile of Dipirvan with 0.005% Disodium Edetate vs. Standard Sedative Agents without Disodium Edetate in Subjects in the Intensive Care Unit.” William Hadley has received $516,980 from the VA Medical Center for “Good Clinical Practices Monitoring Services.”

University of North Carolina. Ann Eakin has been awarded and NIH grant of $505,607 for research titled, “Structural analysis of HGPRT from Trypanosom cruzi” Celeste Lindley has received $65,000 from SmithKline Beecham for the study;” Max Tolerated Systemic Exposure of Topotecan in Combination with Carboplatin and Extensive Stage Small-Cell Carcinoma of the Lung.” Kim Brouwer and C. Radomski have been granted $448,980 by Glaxo-Wellcome for the study titled, “Investigation of Pharmakokinetic/ Dynamic Alterations in Morphine and Metabolites during Single Dose Co-administration with Ondansetron.” K.H. Lee has received a grant from NIH in the amount of $331,229 for the research project, “Plant Anti-HIV Agents.” Raymond Booth has been awarded an NIH grant of $95,386 for research titled, Novel Sigma Receptor Ligands in Neurodegeneration.” Tim Ives and John Butts have received $18,717 from Abbott for the study, “Uptake of C14-Labeled Clarithromycin/Azithromycin.”

North Dakota State University. Gary Erdmann has received $178,107 from the Leukemia Society of America for the project, “6MP and 6TG Pharmacokinetics and Outcome in ALL,” and $194,891 from NIH for research titled, “Intracellular RCC Pharmacokinetics of Thiopurines in ALL.”
Ohio State University. J. Lai-Sim Au has been awarded $142,362 from the National Cancer Institute for the project, “Determinants of Mitomycin C Sensitivity in Human Tumors.” J.A. Bauer has received a grant of $47,468 from the American Diabetes Association, Inc. for the study “Mechanistic Study of Nitric Oxide Donors for Diabetes-Related Erectile Dysfunction.” Stephen C. Bergmeier has been awarded $10,000 from the American Association of Colleges of Pharmacy for the study, “Synthesis of Anticancer Analogues of the Pseudodistamin Alkaloids.” Kenneth K. Chan has received a grant of $120,759 from the National Cancer Institute for the project, “Preclinical Pharmacological Studies of Antitumor and Anti-HIV Agents.” William L. Hayton has received a grant of $60,007 from Food and Drug Administration for the project, “Total Residue Depletion and Metabolic Profile of Methyltestosterone, Flumequine, and Acriflavine in Rainbow Trout.” George H.J. Hinkle and J.O. Olsen have received $13,779 from Alcon Laboratories Inc. for research titled, “Measurement of Retention Times of Radiolabeled Ophthalmic Formulations.” James W. McAuley has received a grant of $4,960 from the Neuroscience Nursing Foundation for the project, “The Effect of Methylphenidate on Cognitive Function in Epilepsy Patients.” Steve P. Schwendeman has been awarded $17,036 from Cleveland Clinic Foundation for the project “Intraocular Polymer Drug Delivery Implants.”

University of Oklahoma. Chris Rathburn has received $246,000 from the Immune Response Corporation for the study, “Multicenter, Double-Blind, Phase III, Adjuvant-Controlled Study of the Effect of 10 Units of HIV-1 Immunogen, and IFN Alone Every Twelve Weeks on AIDS-Free Survival in Subjects with HIV Infection,” and $48,757 from Hofmann-LaRoche for a “Randomized, Parallel Arm, Comparative Open Label, Multicenter Study of the Activity and Safety of Two Formulations of Saquinavir in Combination with Other Antiretroviral Drugs.” Gordon Sachdev has received a grant of $32,400 from the Cystic Fibrosis Foundation for a study of “Mucin Genes in Cystic Fibrosis and Normal Airways.”

Duquesne University. James K. Drennen was awarded an unrestricted grant in the amount of $12,000 from Mylan Pharmaceuticals, Inc., in support of a research proposal to assess the feasibility of on-line near-infrared spectroscopic monitoring of nitroglycerin transdermal film production. Christiana M. Adeyeye has received the following grants: an equipment donation in the amount of $299,000 for pharmaceutical unit processes and solid dosage form development from SmithKline Beecham; and “$17,000 from FMC Corporation in support of the graduate research involving the use of Avicel CL 611 as phase stabilizers in cream emulsions. Paula Witt-Enderby has received a Faculty Development Grant in the amount of $5,000 for “Mechanisms Underlying Melatonin Function in CHO Cells.” Pui-Kai Li has received an award from the Cambridge Isotope Laboratories in the amount of $3,300 for the synthesis of a cholesterol derivative.

Philadelphia College of Pharmacy. Elena Wildasin has been awarded $10,000 from the American College of Clinical Pharmacy for a “Comparison of Group versus Individualized Asthma Education in a Family Practice Center.”

University of Pittsburgh. The following NIH grant awards have been received: Robert Gibbs, $83,543; for “Center for Research in Reproductive Physiology Imaging Core D.”; Patricia Kroboth, $379,976 for “DHEA and GABA-Receptor Mediated Responses in Aged Adults;” and Dexi Liu, $100,945 for “Target-Specific Emulsion for Systemic Gene Delivery.”

Texas Southern University. The following grant awards have been received from the Research Center for Minority Institution of the NIH National Center for Research Resources: Theodore R. Bates, $83,792, for “Absorption and Disposition Kinetics of Antiviral Nucleosides;” E. James Essien, $119,952 for “HIV Transmission among Minority Populations;” Cyril V. Abobo, $67,825 for “Effects of a Protease Inhibitor Dipyridamole on the Disposition Kinetics of Antiviral Nucleosides;” Kastieri Ranganna, $134,168, for “Diabetes/Vascular Smooth Muscle Cell Molecular Mechanism of Inhibition of Vascular Smooth Muscle Cell Proliferation;” Shirlette G. Milton, $61,891, for “Functional Alterations of Insulin and Type I Insulin Growth Factor Receptors in Vascular Injury.” The following have received grants from the Agency for Toxic Substances and Disease Registry: Arun JadHAV, $232,435, for “Studies of Neurobehavioral Toxicity of Lead,” and Chander S. Mehta, $148,010 for “The Mechanism of Neurotoxicity of Tolune.” NIH grant awards have been received by Theodore R. Bates, 106,474, for “Pharmacokinetic Interaction between Didanosine and Allopurinol in Humans;” Kathleen Louis, $134,212, for “Improving Hypertension Care among Inner City Minorities;” and Tyrone B. Felder, $54,416, for “Mechanism of Bleomycin — Medicated Lung Injury.”

University of Tennessee. Dick R. Gourley has received $155,600 from Roche Laboratories to develop and present a cardiovascular disease certification program for pharmacists and $151,760 from SmithKline Beecham to develop and present a depression certification program for pharmacists.

University of Houston. Mustafa F. Lokhandwala has received a grant in the amount of $16,000 from the University of Texas Medical Branch in Galveston for the project, “Provision of Pharmaceutical Care in Texas Prisons.” Kelly M. Standifer has received a grant in the amount of $9,974 from the American Association of Colleges of Pharmacy for the project, “Site Specific Agents: Tools for the Control of Epilepsy.”

University of Utah. The following have received grant awards from NIH: Arthur D. Broom, $240,995 for “Polynucleotides as Anti-AIDS Agents;” Garold S. Yost, $268,829 to study, “3-Methylindole-Induced Lung Injury;” H. Steve White and Ming Zhou of Cognetics, Inc., $95,368, for a project entitled, “Conantokins for the Treatment of Epilepsy;” and Kristen A. Keefe, $518,486, to study “Regulation of Striatal Neurons by NMDA Receptor Subtypes.” Glenn D. Prestwich has received $60,562 from Collaborative Laboratories, Inc. for a project entitled “Hyalurionate Biomaterials for Drug Delivery and Tissue Engineering.”

University of Washington. Gail Anderson has received funding in the amount of $10,395 from Parke-Davis for the project, “6-Beta-Hydroxycortisol/Cortisol Assays.” Dale Christensen has received a grant of $18,703 from the Washington State DHS for “Drug Utilization Review Assistance to State of Washington Drug Utilization and Education Council.” Karen Dawson has been awarded $20,000 by the University of Washington IAIMS for “Computer and Multimedia Interactive Simulations.” Mary Hebert has received $72,078 from Fujisawa USA for “Tacrolimus/Rifampin Interaction.” Doug Black has received a grant award from Northwest Pharmaceutical Research Network in the amount of $20,000 for “Surveillance for Drug-Resistant Streptococcus pneumoniae in Washington State.” Valerie Daggett has received $75,000 from the U.S. Department of Navy for “Simulation of Protein Structure, Dynamics and Function in Organic Media.” Rodney Ho has been awarded $173,475 from NIH for “Pharmacologic and Biologic Studies of Antigen Carriers;” and $78,000 from Pediatric AIDS Foundation for “Mechanisms of Maternal-Fetal HIV Transmission.” Kent Kunze has received $49,280 from Eli Lilly and Company for “Effect of Various SSRIs on P450C29 and P450C19;” and $108,537 from NIH to study “Inhibition of Human Cytochrome P4501A2 by Furafylline.” Rene Levy has received funding in the amount of $41,642 from UCB Pharma for the study, “Development of CYP450 Inhibitory Spectrum for ucbL059 and ucbL057.” Wendel Nelson has been granted $227,534 by NIH for “Drug Metabolism and Kinetics.” Allan Rettie has been awarded $129,028.
by NIH for “Human FMOS: Determinants of Substrate Specificity.” Danny Shen has received $44,551 from Amgen, Inc. for “Cytochrome P450 Enzyme Profile of R-568.” Andy Stergachis has received funding in the amount of $59,697 from the Food and Drug Administration for “Drug Safety Surveillance.”

University of Wisconsin. C. Richard Hutchinson has been granted $148,634 by NIH for research on rifamycin biosynthetic analogs. Daniel H. Rich has received $32,747 from Promega Corporation for research titled, Design and Synthesis of Orally Active Inhibitors of Botulinum Toxin Metalloproteases.” Catherine A. Royer has received $136,134 from the National Institutes of Health for the research project, “Protein-Protein Interactions and Regulation.”

University of Toronto. Reina Bendayan has obtained an MRC-PMAC grant of $118,267 for two years in support of the project, “Renal Transport of Antiretroviral Drugs.”