

# FISCAL YEAR 2000 SPONSORED PROJECTS AWARDS

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## SCHOOL OF ALLIED HEALTH

### Interdepartmental (within the School of Allied Health)

Christopher Bork Ph.D., "Online Course for High Schools via a Shared Academic Intranet", Ohio Board of Regents. Project Period: 10/01/1999 to 07/31/2000. FY 2000 award: \$271,590. Percent of current year budget funded by agency: 87%.

Barbara Kopp Miller Ph.D., "Rural Elderly Assessment Project: REAP", Division of Associated, Dental and Public Health Professions, Health Resources & Services Administration. Project Period: 09/01/1997 to 08/31/2001. FY 2000 award: \$130,375. Percent of current year budget funded by agency: 99%.

### Occupational Therapy

David Nelson Ph.D., "Outcomes of Naturalistic Occupation in Subacute Care", American Occupational Therapy Foundation. Project Period: 04/15/2000 to 04/14/2001. FY 2000 award: \$15,000. Percent of current year budget funded by agency: 58%.

### Public Health

Farhang Akbar-Khanzadeh Ph.D., "Health/Safety Program at Construction Company Hiring Temporary Workers", American Society of Safety Engineers Foundation. Project Period: 07/01/1999 to 10/20/2000. FY 2000 award: \$5,612. Percent of current year budget funded by agency: 100%.

Michael Bisesi Ph.D., "AIHF Scholarship Award", American Industrial Hygiene Association Foundation. Project Period: 09/01/1995 to 08/31/2000. FY 2000 award: \$500. Percent of current year budget funded by agency: 100%.

Michael Bisesi Ph.D., "Surveillance of Waterfowl Feces for Microbes Pathogenic to Humans", Lake Erie Protection Fund. Project Period: 10/19/1999 to 12/31/2000. FY 2000 award: \$7,491. Percent of current year budget funded by agency: 36%.

### Physician Assistant Studies

Anthony Miller M.Ed., "MCO Physician Assistant Program Enhancement Project", Division of Medicine, Health Resources & Services Administration. Project Period: 07/01/1998 to 06/30/2000. FY 2000 award: \$143,927. Percent of current year budget funded by agency: 96%.

## SCHOOL OF MEDICINE

### Anatomy and Neurobiology

Carol Bennett-Clarke Ph.D., "Cocaine, Serotonin, and Cortical Development", National Institute on Drug Abuse, National Institutes of Health. Project Period: 05/01/1996 to 04/30/2001. FY 2000 award: \$166,575. Percent of current year budget funded by agency: 76%.

Mark Hankin Ph.D., "Intraretinal Cell Transplant-Potential Therapy-Retinitis Pigmentosa", Ohio Lions Eye Research Foundation. Project Period: 10/01/1996 to 09/30/2000. FY 2000 award: \$15,000. Percent of current year budget funded by agency: 53%.

Mark Hankin Ph.D., "Photoreceptor Transplantation in Rodent Models of Retinitis Pigmentosa", The Burroughs Wellcome Fund. Project Period: 05/21/2000 to 08/31/2000. FY 2000 award: \$12,800. Percent of current year budget funded by agency: 79%.

Marthe Howard Ph.D., "Mechanisms of Enteric Nervous System Development", National Institute of Diabetes, Digestive & Kidney Diseases, National Institutes of Health. Project Period: 04/01/2000 to 03/31/2001. FY 2000 award: \$130,446. Percent of current year budget funded by agency: 100%.

Robert Rhoades Ph.D., "Serotonin and Retinotectal Development", National Eye Institute, National Institutes of Health. Project Period: 09/01/1996 to 08/31/2000. FY 2000 award: \$185,235. Percent of current year budget funded by agency: 92%.

### **Biochemistry/Molecular Biology**

Sunandita Banerji Ph.D., "Regulation of TBR1 in Breast Cancer Cells", National Cancer Institute, National Institutes of Health. Project Period: 12/07/1998 to 11/30/2000. FY 2000 award: \$95,806. Percent of current year budget funded by agency: 75%.

Sunandita Banerji Ph.D., "Role of Autocrine TGF $\beta$  in Breast Cancer Growth", National Cancer Institute, National Institutes of Health, subcontracted through University of Texas Health Science Center at San Antonio. Project Period: 04/01/1998 to 03/31/2001. FY 2000 award: \$94,968. Percent of current year budget funded by agency: 99%.

William A Maltese Ph.D., "Rab GTPases & Trafficking of B-Amyloid Proteins", National Institute on Aging, National Institutes of Health. Project Period: 02/01/1998 to 01/31/2000. FY 2000 award: \$175,566. Percent of current year budget funded by agency: 76%.

William A Maltese Ph.D., "Isoprenylated GTP-Binding Proteins and Cell Growth", National Cancer Institute, National Institutes of Health. Project Period: 05/01/1983 to 06/30/2000. FY 2000 award: \$201,077. Percent of current year budget funded by agency: 69%.

William A Maltese Ph.D., "Rab GTP-Binding Proteins and Cell Growth", National Cancer Institute, National Institutes of Health. Project Period: 05/01/1983 to 02/28/2001. FY 2000 award: \$291,600. Percent of current year budget funded by agency: 92%.

William A Maltese Ph.D., "Rab GTPases & Trafficking of B-Amyloid Proteins", National Institute on Aging, National Institutes of Health. Project Period: 02/01/1998 to 01/31/2001. FY 2000 award: \$229,098. Percent of current year budget funded by agency: 90%.

Maurice Manning Ph.D., "D.Sc., Agonists and Antagonists of Vasopressin and Oxytocin", National Institute of General Medical Sciences, National Institutes of Health. Project Period: 05/01/1972 to 03/31/2001. FY 2000 award: \$291,252. Percent of current year budget funded by agency: 90%.

Manohar Ratnam Ph.D., "Mechanisms Controlling Expression of New Tumor Targets", National Cancer Institute, National Institutes of Health. Project Period: 12/01/1998 to 11/30/2000. FY 2000 award: \$212,268. Percent of current year budget funded by agency: 94%.

Manohar Ratnam Ph.D., "Institutional Pre-Doctoral NRSA", National Cancer Institute, National Institutes of Health. Project Period: 04/06/1999 to 01/31/2001. FY 2000 award: \$146,183. Percent of current year budget funded by agency: 60%.

James Trempe Ph.D., "AAV Vector Development for Lung-Specific Gene Therapy", National Heart, Lung & Blood Institute, National Institutes of Health. Project Period: 09/30/1996 to 08/31/2000. FY 2000 award: \$148,647. Percent of current year budget funded by agency: 98%.

Robert Trumbly Ph.D., "Identification of Novel Folate Transporters via Yeast Genetics", American Heart Association-Ohio Valley Affiliate. Project Period: 07/01/1999 to 06/30/2001. FY 2000 award: \$35,000. Percent of current year budget funded by agency: 44%.

### **Family Medicine**

Larry Johnson M.D., "Establishment of Departments of Family Medicine", Division of Medicine, Health Resources & Services Administration. Project Period: 09/01/1992 to 08/31/2000. FY 2000 award: \$162,000. Percent of current year budget funded by agency: 77%.

Sanford Kimmel M.D., "Graduate Training in Family Medicine", Division of Medicine, Health Resources & Services Administration. Project Period: 07/01/1998 to 06/30/2000. FY 2000 award: \$135,416. Percent of current year budget funded by agency: 73%.

Denis Lynch Ph.D., "The Effect of the Patient-Physician Relationship", Ohio Academy of Family Physicians Foundation. Project Period: 04/01/2000 to 03/31/2001. FY 2000 award: \$5,000. Percent of current year budget funded by agency: 18%.

### **Medicine**

Basil Akpunonu M.D., "TROPHY Study", AstraZeneca, L.P., International BioPharm Affiliation Holdings. Project Period: 06/24/1999 to 06/14/2001. FY 2000 award: \$33,000. Percent of current year budget funded by agency: 100%.

Christopher Cooper M.D., "PREFER CLOSURE: Femoral/Radial Catherization w/ Transfemoral Closure", Cordis Corporation. Project Period: 01/01/1999 to 12/31/2000. FY 2000 award: \$15,000. Percent of current year budget funded by agency: 100%.

Christopher Cooper M.D., "Bx Velocity Balloon-Expandable Stent Mounted on the Raptor System", Cordis Corporation. Project Period: 07/22/1999 to 07/21/2000. FY 2000 award: \$24,000. Percent of current year budget funded by agency: 65%.

Christopher Cooper M.D., "REVERSAL Study", Parke-Davis Pharmaceutical Research Division of Warner-Lambert, Covalent Group, Inc.. Project Period: to 03/07/2001. FY 2000 award: \$104,833. Percent of current year budget funded by agency: 99%.

Christopher Cooper M.D., "POSTIT Study", Boston Scientific Scimed, Inc.. Project Period: 03/15/2000 to 12/15/2000. FY 2000 award: \$6,400. Percent of current year budget funded by agency: 48%.

Christopher Cooper M.D., "Clinical Trial Agreement", Proctor and Gamble, Kendle International, Inc.. Project Period: 05/18/2000 to 04/30/2001. FY 2000 award: \$36,000. Percent of current year budget funded by agency: 96%.

Christopher Cooper M.D., "Clinical Trial Agreement", Proctor and Gamble, Kendle International, Inc.. Project Period: 05/18/2000 to 04/30/2001. FY 2000 award: \$36,000. Percent of current year budget funded by agency: 96%.

G Alfred Dodds M.D., "SYMPHONY STUDY", Dade Behring Inc., Duke University. Project Period: 07/23/1999 to 07/22/2000. FY 2000 award: \$1,500. Percent of current year budget funded by agency: 100%.

Joan Duggan M.D., "Heterosexual Transmission of a Murine Retrovirus", ts-1, F.M. Douglass Foundation. Project Period: 01/01/2000 to 12/31/2000. FY 2000 award: \$16,000. Percent of current year budget funded by agency: 20%.

Theodore Fraker M.D., "High Frame Rate Imaging with Limited Diffraction Beams", National Heart, Lung & Blood Institute, National Institutes of Health, subcontracted through University of Toledo. Project Period: 09/11/1997 to 08/31/2000. FY 2000 award: \$6,135. Percent of current year budget funded by agency: 32%.

Roberto Franco-Saenz M.D., "Prevention of Cardiovascular Disease in Diabetes Mellitus (ACCORD)", National Heart, Lung & Blood Institute, National Institutes of Health, subcontracted through Case Western Reserve University. Project Period: 09/30/1999 to 09/29/2000. FY 2000 award: \$16,553. Percent of current year budget funded by agency: 99%.

Brita Holman/Thomas Santoro, M.D., "The Role of Cytokines in the Pathogenesis of Cardiovascular Disease in Lupus", American Heart Association-Ohio Valley Affiliate. Project Period: 05/01/2000 to 08/31/2000. FY 2000 award: \$2,500. Percent of current year budget funded by agency: 100%.

Dan Olson M.D., "Ph.D., "A Phase III Study of Patients with Severe Sepsis", Chiron Corporation. Project Period: 04/01/2000 to 02/16/2001. FY 2000 award: \$94,592. Percent of current year budget funded by agency: 91%.

Christopher Rucker/Roland Skeel M.D., "Summer Medical Student Award", American Society of Hematology. Project Period: 06/02/2000 to 08/30/2000. FY 2000 award: \$2,500. Percent of current year budget funded by agency: 57%.

Thomas Santoro M.D., "Molecular Basis for Autoimmune Disease", Toledo Area Medical Foundation. Project Period: 06/01/2000 to 05/31/2001. FY 2000 award: \$20,000. Percent of current year budget funded by agency: 100%.

Joseph Shapiro M.D., "National Analgesic Nephropathy (NAN) Study", National Institute of Diabetes, Digestive & Kidney Diseases, National Institutes of Health. Project Period: 10/05/1999 to 09/30/2000. FY 2000 award: \$983,834. Percent of current year budget funded by agency: 100%.

Roland Skeel M.D., "Community Clinical Oncology Program (Federal Funds)", National Cancer Institute, National Institutes of Health/Toledo Community Hospital Oncology Program. Project Period: 12/17/1997 to 12/15/2000. FY 2000 award: \$2,695. Percent of current year budget funded by agency: 100%.

Roland Skeel M.D., "National Surgical Adjuvant Breast and Bowel Project - STAR Trial", National Cancer Institute, National Institutes of Health, subcontracted through National Surgical Adjuvant Breast & Bowel Project Foundation. Project Period: 06/01/1999 to 05/31/2000. FY 2000 award: \$2,890. Percent of current year budget funded by agency: 44%.

Victoria Steiner Ph.D./Barbara Kopp Miller, Ph.D., "Grants for Geriatric Education Centers", Division of Associated, Dental and Public Health Professions, Health Resources & Services Administration, subcontracted through Bowling Green State University. Project Period: 09/01/1998 to 08/31/2000. FY 2000 award: \$5,000. Percent of current year budget funded by agency: 69%.

Gayani Tillekeratne/Joseph Shapiro, M.D., "The Role of Sodium Pump Inhibition in the Pathogenesis of Uremic Cardiomyopathy", American Heart Association-Ohio Valley Affiliate. Project Period: 05/01/2000 to 08/31/2000. FY 2000 award: \$2,500. Percent of current year budget funded by agency: 31%.

M.A. Julia Westerink M.D., "Elderly Immune Response to Pneumococcal Polysaccharide", National Institute on Aging, National Institutes of Health. Project Period: 04/01/2000 to 03/31/2001. FY 2000 award: \$205,000. Percent of current year budget funded by agency: 100%.

M.A. Julia Westerink M.D., "Intranasal Tetanus Vaccine Development", RxKinetix, Inc.. Project Period: 10/15/1999 to 05/15/2000. FY 2000 award: \$123,320. Percent of current year budget funded by agency: 83%.

James Willey M.D., "Gene Expression Indices Associated with Chemoresistance", National Cancer Institute, National Institutes of Health. Project Period: 01/06/2000 to 12/31/2000. FY 2000 award: \$108,000. Percent of current year budget funded by agency: 77%.

James Willey M.D., "Mutagenic Effects of Airborne Toxicants in Human Lungs", National Institute of Environmental Health Sciences, National Institutes of Health, subcontracted through Massachusetts Institute of Technology. Project Period: 08/01/1994 to 07/31/2000. FY 2000 award: \$109,207. Percent of current year budget funded by agency: 100%.

James Willey M.D., "Gene Expression Indices in Chemoresistant Lung Cancer", National Cancer Institute, National Institutes of Health. Project Period: 09/30/1999 to 03/31/2001. FY 2000 award: \$296,814. Percent of current year budget funded by agency: 100%.

Samuel Saint Wu/Christopher Cooper M.D., "Effect of Dilatory & Shear Trauma on Radial Artery Function", American Heart Association - National. Project Period: 07/01/1999 to 12/31/2000. FY 2000 award: \$2,000. Percent of current year budget funded by agency: 68%.

## **Microbiology**

Robert Blumenthal Ph.D., "Mechanism of Action of an Unusual Mobile Regulatory Cassette", Molecular & Cellular Biosciences, National Science Foundation. Project Period: 08/15/1992 to 07/31/2000. FY 2000 award: \$115,000. Percent of current year budget funded by agency: 100%.

Robert Blumenthal Ph.D., "Global Regulon Controlled by the Leucine-Responsive Regulatory Protein", Molecular & Cellular Biosciences, National Science Foundation, subcontracted through University of Michigan. Project Period: 06/01/1992 to 08/31/2000. FY 2000 award: \$48,211. Percent of current year budget funded by agency: 100%.

Michael Boyle Ph.D., "Interaction of Group A Streptococci with the Human Plasminogen System", National Institute of Allergy & Infectious Diseases, National Institutes of Health. Project Period: 07/01/1998 to 06/30/2000. FY 2000 award: \$201,442. Percent of current year budget funded by agency: 94%.

Michael Boyle Ph.D., "Bacterial-Binding Protein for IgE", National Institute of Allergy & Infectious Diseases, National Institutes of Health, subcontracted through BioCheck Laboratories. Project Period: 08/01/1999 to 08/31/2000. FY 2000 award: \$40,000. Percent of current year budget funded by agency: 69%.

Garry Cole Ph.D., "BWF Visiting Professorships in the Basic Medical Sciences", The Burroughs Wellcome Fund. Project Period: 09/15/1999 to 06/15/2000. FY 2000 award: \$5,000. Percent of current year budget funded by agency: 93%.

Garry Cole Ph.D., "Construction and Renovation of the BL3 Laboratory", California HealthCare Foundation, California State University at Bakersfield Foundation. Project Period: 03/01/2000 to 02/28/2001. FY 2000 award: \$457,800. Percent of current year budget funded by agency: 100%.

Garry Cole Ph.D., "Immunoreactive Macromolecules of Coccidioides Cell Types", National Institute of Allergy & Infectious Diseases, National Institutes of Health. Project Period: 09/01/1986 to 04/30/2001. FY 2000 award: \$439,385. Percent of current year budget funded by agency: 90%.

Garry Cole Ph.D., "Isolation and Expression of Coccidioides T-Cell Antigens", National Institute of Allergy & Infectious Diseases, National Institutes of Health, subcontracted through Veterans Medical Research Foundation of San Diego. Project Period: 09/22/1999 to 08/31/2000. FY 2000 award: \$176,861. Percent of current year budget funded by agency: 88%.

Garry Cole Ph.D., "Valley Fever Vaccine Project", California HealthCare Foundation, California State University at Bakersfield Foundation. Project Period: 01/01/1998 to 12/31/2000. FY 2000 award: \$244,606. Percent of current year budget funded by agency: 70%.

Soon-Cheol Hong Ph.D., "Receptor for Innate Immunity", American Cancer Society - Ohio Division. Project Period: 07/01/1999 to 06/30/2000. FY 2000 award: \$16,000. Percent of current year budget funded by agency: 50%.

Dorothea Sawicki Ph.D., "Regulation of Alphavirus Transcription", National Institute of Allergy & Infectious Diseases, National Institutes of Health. Project Period: 09/01/1978 to 07/31/2000. FY 2000 award: \$263,889. Percent of current year budget funded by agency: 97%.

Stanley Sawicki Ph.D., "Host-Virus Interactions", State of Ohio Legislature, The Ohio State University. Project Period: 07/01/1999 to 06/30/2001. FY 2000 award: \$50,000. Percent of current year budget funded by agency: 74%.

Darren Sledjeski Ph.D., "Regulation by the Escherichia coli Small RNA/DsrA", National Institute of General Medical Sciences, National Institutes of Health. Project Period: 05/01/1998 to 04/30/2001. FY 2000 award: \$139,393. Percent of current year budget funded by agency: 93%.

## **Neurology**

Lawrence Elmer M.D., "Ph.D., "Parkinson Disease Collaboration Study of Genetic Linkage, 'PROGENI'", National Institute of Neurological Disorders and Stroke, National Institutes of Health, subcontracted through University of Rochester. Project Period: 09/01/1998 to 08/31/2000. FY 2000 award: \$16,445. Percent of current year budget funded by agency: 79%.

Lawrence Elmer M.D., "Ph.D., "PATCH Study", Schwarz Pharma, Inc., University of Rochester. Project Period: 09/01/1999 to 06/30/2001. FY 2000 award: \$90,940. Percent of current year budget funded by agency: 95%.

Lawrence Elmer M.D., "Ph.D., "RAPID Study", Teva Pharmaceutical Industries Ltd., University of Rochester. Project Period: 04/01/2000 to 03/31/2001. FY 2000 award: \$57,696. Percent of current year budget funded by agency: 100%.

Lazar J Greenfield, Jr. M.D., "Ph.D., "Anticonvulsant Drug Actions on GABA Alpha Receptors and Sodium Channels of Human Clonal NT2-N Neurons", Epilepsy Foundation of America. Project Period: 04/15/2000 to 06/30/2000. FY 2000 award: \$12,887. Percent of current year budget funded by agency: 31%.

Lazar J Greenfield, Jr. M.D., "Ph.D., "Regulation of Cloned GABA alpha Receptors by Phosphorylation", American Academy of Neurology Education & Research Foundation. Project Period: 07/01/1993 to 04/17/2001. FY 2000 award: \$11,800. Percent of current year budget funded by agency: 41%.

Julie M. Niswander/Linda Dokas, Ph.D., "Stress and the Aging Brain", Northwest Ohio Gerontological Association. Project Period: 05/15/2000 to 12/15/2000. FY 2000 award: \$500. Percent of current year budget funded by agency: 8%.

Gretchen Tietjen M.D., "African-American Antiplatelet Stroke Prevention Study", National Institute of Neurological Disorders and Stroke, National Institutes of HealthRush-Presbyterian-St. Luke's Medical

Center. Project Period: 04/01/1996 to 06/30/2000. FY 2000 award: \$3,276. Percent of current year budget funded by agency: 16%.

Gretchen Tietjen M.D., "Menstrually-Associated Migraine", Glaxo Wellcome Inc., INC Research, Inc.. Project Period: 03/20/2000 to 03/15/2001. FY 2000 award: \$12,150. Percent of current year budget funded by agency: 61%.

Gretchen Tietjen M.D., "Prophylactic Treatment for Menstrually-Associated Migraine", Glaxo Wellcome Inc.. Project Period: 02/23/2000 to 12/08/2000. FY 2000 award: \$21,200. Percent of current year budget funded by agency: 73%.

Gretchen Tietjen M.D., "BMS-204352 Acute Stroke Program", Bristol Myers Squibb Pharmaceutical Research Institute. Project Period: 04/16/1998 to 03/15/2001. FY 2000 award: \$105,196. Percent of current year budget funded by agency: 79%.

Gretchen Tietjen M.D., "Stroke Outcome and Neuroimaging of Intracranial Artherosclerosis/SONIA", National Institute of Neurological Disorders and Stroke, National Institutes of Health, subcontracted through Rhode Island Hospital. Project Period: 01/01/2000 to 12/31/2000. FY 2000 award: \$3,000. Percent of current year budget funded by agency: 17%.

### **Obstetrics & Gynecology**

Rajesh Naz Ph.D., "Immunobiological Role of Fertilization Antigen (FA-1)", National Institute of Child Health & Human Development, National Institutes of Health. Project Period: 12/01/1988 to 03/31/2001. FY 2000 award: \$272,163. Percent of current year budget funded by agency: 92%.

### **Otolaryngology**

Donald Godfrey Ph.D., "Biochemistry of Vestibular Compensation", National Institute of Deafness & Other Communication Disorders, National Institutes of Health. Project Period: 07/01/1994 to 06/30/2000. FY 2000 award: \$209,949. Percent of current year budget funded by agency: 93%.

Donald Godfrey Ph.D., "Central Mechanisms Related to Tinnitus", National Institute of Deafness & Other Communication Disorders, National Institutes of Health, subcontracted through Wayne State University. Project Period: 12/01/1996 to 06/30/2000. FY 2000 award: \$72,958. Percent of current year budget funded by agency: 98%.

Susan Shore Ph.D., "Trigeminal Ganglion & Cochlear Nucleus in the Modulation of Tinnitus", American Tinnitus Association. Project Period: 07/01/1999 to 06/30/2000. FY 2000 award: \$40,090. Percent of current year budget funded by agency: 62%.

### **Pathology**

Michael Pereira Ph.D., "Mechanism of Nongenotoxic Occupational Carcinogens", Environmental Protection Agency. Project Period: 04/20/2000 to 04/19/2001. FY 2000 award: \$239,020. Percent of current year budget funded by agency: 87%.

Michael Pereira Ph.D., "Prevention of Chemically Induced Lung Tumors by Chemopreventive Agents (WS #69)", National Cancer Institute, National Institutes of Health. Project Period: 06/30/1999 to 06/29/2001. FY 2000 award: \$82,964. Percent of current year budget funded by agency: 100%.

Michael Pereira Ph.D., "Chemoprevention of Azomethane-Induced Foci (WS #77)", National Cancer Institute, National Institutes of Health. Project Period: 07/15/1999 to 06/29/2001. FY 2000 award: \$259,513. Percent of current year budget funded by agency: 100%.

Michael Pereira Ph.D., "Chemopreventive Agents Alone or in Combination on Azoxmethane (AOM)", National Cancer Institute, National Institutes of Health. Project Period: 06/30/1997 to 06/29/2001. FY 2000 award: \$36,390. Percent of current year budget funded by agency: 65%.

Randall Ruch Ph.D., "Enhancement of Drug Cytotoxicity in Human Ovarian Carcinoma Cells", Elsa U. Pardee Foundation. Project Period: 09/30/1999 to 10/01/2000. FY 2000 award: \$95,133. Percent of current year budget funded by agency: 79%.

Herman Schut Ph.D., "Cancer Prevention with Freeze-Dried Berries", The Ohio State University. Project Period: 10/01/1999 to 09/30/2000. FY 2000 award: \$10,942. Percent of current year budget funded by agency: 68%.

Herman Schut Ph.D., "Measurement & Analysis of Carcinogen-DNA Adducts", National Cancer Institute, National Institutes of Health. Project Period: 06/01/2000 to 05/31/2001. FY 2000 award: \$35,000. Percent of current year budget funded by agency: 66%.

Lianhui Tao M.D., "D.Sc., DNA Methylation & Gene Expression in DBP Exposure", National Institute of Environmental Health Sciences, National Institutes of Health. Project Period: 03/01/2000 to 02/28/2001. FY 2000 award: \$72,000. Percent of current year budget funded by agency: 84%.

Ming You M.D., "Ph.D., "3rd International Mouse Lung Tumorigenesis Symposium", National Institute of Environmental Health Sciences, National Institutes of Health. Project Period: 05/01/2000 to 07/31/2000. FY 2000 award: \$10,000. Percent of current year budget funded by agency: 88%.

Ming You M.D., "Ph.D., "3rd International Mouse Lung Tumorigenesis Symposium", National Cancer Institute, National Institutes of Health. Project Period: 06/01/2000 to 05/31/2001. FY 2000 award: \$15,000. Percent of current year budget funded by agency: 100%.

Ming You M.D., "Ph.D., "Genetic Epidemiology of Lung Cancer: Gene ID in High Risk Families", National Cancer Institute, National Institutes of Health, subcontracted through University of Cincinnati. Project Period: 05/01/1999 to 02/29/2000. FY 2000 award: \$112,915. Percent of current year budget funded by agency: 86%.

Ming You M.D., "Ph.D., "Molecular Genetics of Mouse Lung Tumors", National Cancer Institute, National Institutes of Health. Project Period: 01/01/1993 to 06/30/2000. FY 2000 award: \$391,989. Percent of current year budget funded by agency: 97%.

Ming You M.D., "Ph.D., "Development of a Quantitative Angiogenesis Assay as a Biomarker (WS #37)", National Cancer Institute, National Institutes of Health. Project Period: 09/30/1998 to 09/29/2000. FY 2000 award: \$217,345. Percent of current year budget funded by agency: 100%.

Ming You M.D., "Ph.D., "Genetic Resistance to Mouse Lung Carcinogenesis", National Cancer Institute, National Institutes of Health. Project Period: 09/04/1998 to 06/30/2000. FY 2000 award: \$276,664. Percent of current year budget funded by agency: 93%.

## **Pediatrics**

Martin Debeukelaer M.D., "North American Pediatric Renal Transplant Cooperative Study (NAPRTCS)", The Emmes Corporation. Project Period: 10/01/1999 to 09/30/2000. FY 2000 award: \$1,200. Percent of current year budget funded by agency: 23%.

Margaret Gray B.A., Human Genetics: Changing Classrooms, Changing Lives", Martha Holden Jennings Foundation, Children's Hospital & Medical Center of Akron. Project Period: 07/01/1999 to 09/05/1999. FY 2000 award: \$5,560. Percent of current year budget funded by agency: 93%.

Thaddeus Kurczynski M.D., "Ph.D., "Regional Comprehensive Genetic Services", Ohio Department of Health. Project Period: 10/01/1979 to 06/30/2000. FY 2000 award: \$165,000. Percent of current year budget funded by agency: 54%.

Yousif Matloub M.D., "Children's Cancer Group Chairman's Grant", National Cancer Institute, National Institutes of Health, subcontracted through National Childhood Cancer Foundation. Project Period: 01/05/1999 to 12/01/1999. FY 2000 award: \$28,713. Percent of current year budget funded by agency: 100%.

Lois Nelson M.D., "Safety of Topically Applied Tacrolimus Ointment for Atopic Dermatitis", Fujisawa Healthcare, Inc.. Project Period: 12/15/1999 to 12/14/2000. FY 2000 award: \$24,000. Percent of current year budget funded by agency: 92%.

Karen Ratliff-Schaub M.D., "Early Intervention - Hospital-Based Service Coordinator Project", Ohio Department of Health. Project Period: 04/01/1988 to 09/30/2000. FY 2000 award: \$60,220. Percent of current year budget funded by agency: 87%.

Karen Ratliff-Schaub M.D., "Center for Autism & Related Disorders", Jamie Farr Kroger Classic. Project Period: 12/01/1999 to 11/30/2000. FY 2000 award: \$10,000. Percent of current year budget funded by agency: 100%.

### **Pharmacology and Therapeutics**

Amir Askari Ph.D., "Control Mechanisms of Cardiac Proteins & Enzymes", National Heart, Lung & Blood Institute, National Institutes of Health. Project Period: 07/01/1986 to 02/28/2001. FY 2000 award: \$813,122. Percent of current year budget funded by agency: 85%.

Sonia Najjar Ph.D., "Insulin Receptor Substrates & Lipogenesis", National Institute of Diabetes, Digestive & Kidney Diseases, National Institutes of Health. Project Period: 09/01/1999 to 08/31/2000. FY 2000 award: \$100,800. Percent of current year budget funded by agency: 100%.

Sonia Najjar Ph.D., "Substrates & Insulin Receptor Endocytosis", National Institute of Diabetes, Digestive & Kidney Diseases, National Institutes of Health. Project Period: 03/01/2000 to 01/31/2001. FY 2000 award: \$231,048. Percent of current year budget funded by agency: 100%.

Sonia Najjar Ph.D., "L-Carnitine: Modification of Insulin Actions in Lipogenesis", Sigma Tau Pharmaceutical, Inc.. Project Period: 12/01/1998 to 11/30/2000. FY 2000 award: \$56,210. Percent of current year budget funded by agency: 96%.

Sonia Najjar Ph.D., "A Mouse Model of Hepatic Insulin Resistance", American Diabetes Association-National. Project Period: 01/01/1999 to 12/31/2000. FY 2000 award: \$99,999. Percent of current year budget funded by agency: 100%.

Howard Rosenberg M.D., "Ph.D., "Pharmacology of Benzodiazepine Tolerance and Dependence", National Institute on Drug Abuse, National Institutes of Health. Project Period: 01/01/1979 to 12/31/2000. FY 2000 award: \$200,961. Percent of current year budget funded by agency: 95%.

Edwin Sanchez Ph.D., "Heat Shock & Steroid Receptor Signaling", National Institute of Diabetes, Digestive & Kidney Diseases, National Institutes of Health. Project Period: 01/01/1992 to 01/31/2001. FY 2000 award: \$179,216. Percent of current year budget funded by agency: 99%.

Edwin Sanchez Ph.D., "Heat Shock Signaling Repression by Glucocorticoid Receptor Pathway", Molecular & Cellular Biosciences, National Science Foundation. Project Period: 07/01/1999 to 08/31/2000. FY 2000 award: \$83,902. Percent of current year budget funded by agency: 95%.

Elizabeth Tietz Ph.D., "Synaptic Mechanisms of Hippocampal Benzodiazepine Tolerance", National Institute on Drug Abuse, National Institutes of Health. Project Period: 07/01/1986 to 03/31/2001. FY 2000 award: \$252,000. Percent of current year budget funded by agency: 100%.

Bradley Vansickle/Elizabeth Tietz, Ph.D., "Glutamate Receptors in Flurazepam-Tolerant Hippocampus", National Institute on Drug Abuse, National Institutes of Health. Project Period: 06/01/2000 to 05/31/2001. FY 2000 award: \$23,343. Percent of current year budget funded by agency: 69%.

Zi-Jian Xie Ph.D., "Regulation of Sodium Pump Gene Expression", National Heart, Lung & Blood Institute, National Institutes of Health. Project Period: 04/10/2000 to 03/31/2001. FY 2000 award: \$216,000. Percent of current year budget funded by agency: 95%.

### **Physiology/Molecular Medicine**

Steven Britton Ph.D., "Genetic Model of Endurance Exercise in Rats", National Institute of General Medical Sciences, National Institutes of Health. Project Period: 07/01/1998 to 06/30/2000. FY 2000 award: \$100,800. Percent of current year budget funded by agency: 80%.

Steven Britton Ph.D., "Genetic Models of Physical Performance", Medical College of Ohio Foundation. Project Period: 02/01/2000 to 01/31/2001. FY 2000 award: \$10,000. Percent of current year budget funded by agency: 23%.

George Cicila Ph.D., "Blood Pressure Candidate Gene Screening: A New Paradigm", National Heart, Lung & Blood Institute, National Institutes of Health. Project Period: 07/01/1999 to 06/30/2000. FY 2000 award: \$204,110. Percent of current year budget funded by agency: 100%.

Lauren Koch Ph.D., "Genetic Analysis of Aerobic Exercise Endurance Performance in Rats", American Heart Association - Ohio/West Virginia Affiliate. Project Period: 07/01/1998 to 06/30/2000. FY 2000 award: \$25,000. Percent of current year budget funded by agency: 33%.

Douglas L Pittman Ph.D., "Genetic Models of Recombination", Medical College of Ohio Foundation. Project Period: 11/10/1999 to 06/30/2001. FY 2000 award: \$135,000. Percent of current year budget funded by agency: 100%.

John Rapp Ph.D., "D.V.M., Fine Genetic Mapping of Blood Pressure QTL in the Rat (SCOR)", National Heart, Lung & Blood Institute, National Institutes of Health, subcontracted through University of Iowa. Project Period: 02/01/1996 to 01/31/2001. FY 2000 award: \$314,986. Percent of current year budget funded by agency: 88%.

John Rapp Ph.D., "D.V.M., Biochemistry and Genetics of Hypertension", National Heart, Lung & Blood Institute, National Institutes of Health. Project Period: 06/01/1976 to 05/31/2001. FY 2000 award: \$504,792. Percent of current year budget funded by agency: 91%.

John Turner Ph.D., "Immunocontraception Fertility Control Research", Bureau of Land Management, U.S. Department of the Interior. Project Period: 09/01/1992 to 09/30/2000. FY 2000 award: \$192,345. Percent of current year budget funded by agency: 100%.

### **Psychiatry**

Michele Knox Ph.D., "Violence & Aggressive Behavior in Psychiatrically Disturbed Youth", Ohio Department of Mental Health. Project Period: 03/24/2000 to 06/30/2001. FY 2000 award: \$4,014. Percent of current year budget funded by agency: 90%.

Mary K Smith M.D., "Public Psychiatry Residency/Traineeship", Ohio Department of Mental Health. Project Period: 07/01/1995 to 06/30/2000. FY 2000 award: \$80,000. Percent of current year budget funded by agency: 48%.

### **Radiation Therapy**

John Feldmeier D.O., Hyperbaric Oxygen as Prophylaxis Against Brain Radiation Necrosis", Undersea & Hyperbaric Medical Society. Project Period: 06/01/2000 to 05/31/2001. FY 2000 award: \$5,000. Percent of current year budget funded by agency: 100%.

### **Surgery**

Jonathan Saxe M.D., "Absorption of Wound Fluid Matrix Metalloproteinase by a Dressing Sponge to Facilitate Healing of Chronic Recalcitrant Wounds", Ferris Manufacturing Corporation. Project Period: to 01/17/2001. FY 2000 award: \$21,250. Percent of current year budget funded by agency: 77%.

### **Urology**

Gregory Haselhuhn M.D., "Neuromodulation for Neurogenic Bladder Dysfunction in Hypertensive Rats", F.M. Douglass Foundation. Project Period: 01/01/2000 to 12/31/2000. FY 2000 award: \$11,691. Percent of current year budget funded by agency: 41%.

Gregory Haselhuhn M.D., "Bone Mineral Density in Prostate Cancer Treated with/without Androgen", F.M. Douglass Foundation. Project Period: 01/14/1999 to 12/31/2000. FY 2000 award: \$13,192. Percent of current year budget funded by agency: 54%.

Jerzy Jankun Ph.D., "Inhibitors of Urokinase and Lipoxygenase in Anti-Cancer Therapy", American Diagnostica, Inc.. Project Period: 12/01/1994 to 03/14/2001. FY 2000 award: \$88,920. Percent of current year budget funded by agency: 63%.

Steven Selman M.D., "Pre-Clinical Protocol for Interstitial SnET2-PDT Treatment", Miravant Medical Technologies. Project Period: 10/10/1995 to 10/31/2000. FY 2000 award: \$10,257.48. Percent of current year budget funded by agency: 87%.

## **SCHOOL OF NURSING**

Ruth Alteneider Ph.D., "Family Nurse Practitioner Major (Expansion)", Division of Nursing, Health Resources & Services Administration. Project Period: 07/01/1998 to 06/30/2000. FY 2000 award: \$353,806. Percent of current year budget funded by agency: 100%.

Ruth Alteneider Ph.D., "Professional Nurse Traineeship Program", Division of Nursing, Health Resources & Services Administration. Project Period: 07/01/1980 to 06/30/2000. FY 2000 award: \$44,587. Percent of current year budget funded by agency: 100%.

Jane Evans R.N., Ph.D., "Stability of Infant Responses to Painful Procedures", National Institute of Nursing Research, National Institutes of Health. Project Period: 09/30/1997 to 05/31/2001. FY 2000 award: \$262,606. Percent of current year budget funded by agency: 97%.

Linda Pierce Ph.D., "R.N., In-Home, Online Support for Caregivers of Persons with Stroke", Association of Rehabilitation Nurses, Maumee Bay Chapter. Project Period: 02/10/2000 to 02/09/2001. FY 2000 award: \$600. Percent of current year budget funded by agency: 4%.

Robert Topp R.N., Ph.D., "Effect of Strength Training on Function & Pain in OA", National Institute of Nursing Research, National Institutes of Health. Project Period: 09/30/1997 to 05/31/2001. FY 2000 award: \$115,645. Percent of current year budget funded by agency: 97%.

## **INSTITUTIONAL**

### **AHEC**

Kathleen Vasquez M.S., Model State-Supported AHEC", Division of Medicine, Health Resources & Services Administration. Project Period: 09/30/1994 to 09/29/2000. FY 2000 award: \$610,909. Percent of current year budget funded by agency: 69%.

Kathleen Vasquez M.S., Women's Health Month Conferences/Workshops", Ohio Department of Health. Project Period: 11/01/1998 to 12/30/2000. FY 2000 award: \$19,650. Percent of current year budget funded by agency: 79%.

### **Facility Planning**

Donald Roberts, Rapid Absorption Process System", Ohio Department of Development. Project Period: 01/02/1998 to 10/31/2000. FY 2000 award: \$1,467,466. Percent of current year budget funded by agency: 89%.

Donald Roberts, Commercial Demonstration of the Lotox Nox Reduction System", Ohio Department of Development. Project Period: 06/01/1998 to 12/31/2000. FY 2000 award: \$785,354. Percent of current year budget funded by agency: 93%.

### **Medical College Library**

David Boilard A.M.L.S., Health Information Network for Northwest Ohio", National Library of Medicine, National Institutes of Health. Project Period: 03/01/1999 to 02/28/2001. FY 2000 award: \$65,979. Percent of current year budget funded by agency: 58%.

### **Outcomes Management**

Ann Locher R.N., B.S.N., Anonymous HIV Counseling & Testing", Centers for Disease Control and Prevention, U.S. Department of Health and Human Services/Lucas County Regional Health District. Project Period: 01/01/2000 to 12/31/2000. FY 2000 award: \$12,600. Percent of current year budget funded by agency: 100%.

Ann Locher R.N., B.S.N., Ryan White Program - Home Health Visits", Ohio Department of Health - Federal Pass-Through Fund. Project Period: 01/01/2000 to 03/31/2000. FY 2000 award: \$4,640. Percent of current year budget funded by agency: 60%.

### **Institutional**

Institutional, "Scholarships for Disadvantaged Students", Health Resources & Services Administration. Project Period: 09/30/1991 to 06/30/2000. FY 2000 award: \$60,150. Percent of current year budget funded by agency: 100%.

Institutional, "College Work Study Program", U.S. Department of Education. Project Period: 07/01/1972 to 06/30/2000. FY 2000 award: \$150,000. Percent of current year budget funded by agency: 100%.

Institutional, "Research Challenge", Ohio Board of Regents. Project Period: 05/01/1986 to 06/30/2000. FY 2000 award: \$661,827. Percent of current year budget funded by agency: 100%.

**Office of Multicultural Affair**

Barry Richardson Ph.D., "Diversity Training Video - Breast Cancer Curriculum and CDROM", Centers for Disease Control and Prevention, U.S. Department of Health and Human Services. Project Period: 07/01/1999 to 08/30/2000. FY 2000 award: \$143,000. Percent of current year budget funded by agency: 56%.