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## WSU Research News: Contracts Grants and Awards, September 1979

Office of Research Services, Wright State University

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# Research News

SEPTEMBER, 1979

Office of Research Services  
Wright State University  
Dayton, Ohio 45435

## CONTRACTS, GRANTS AND AWARDS

In order to keep updated on the activities of faculty in the area of extramural funding we are publishing this supplemental edition of the RESEARCH NEWS. From April 1, 1979 through June 30, 1979, the following persons have received funding for educational and research projects.

JAMES UPHOFF - "Operation of a Regional History-Architecture Preservation Office at WOBC," Ohio Historical Society - \$935 9 months

MICHAEL CLEARY - "Study of Production Leadtime Forecasting Models," Air Force Office of Scientific Research - \$10,000 1 year

GORDON WISE AND GLENN GRAHAM - "An Application of Marketing Concepts and Methodology to Local Public School Financing in Ohio," Title OBR \$21,000 1 year

GARY BARLOW - "To Assist in the National Growth and Expansion of Arts Resources and Information for Programs Designed to Meet Special Needs of Handicapped People," The National Committee, Arts for the Handicapped - \$5,000 2 years

JOSEPH YOUNG - "Teacher Corps," Office of Education - \$70,291 1 year

MARLENE BIRELEY - "Gifted Program," Office of Education - \$6,900 3 months

ROGER IDDINGS - "Teacher Institute: The Improvement of Teaching Reading in the Content Areas Within the Greene County Schools," Ohio Department of Education - \$8,250 1 year

ROGER IDDINGS - "Teacher Institute: The Improvement of Language Arts Instruction with Special Emphasis on Reading," Ohio Department of Education - \$14,522 1 year

ROGER IDDINGS - "Teacher Institute: Developing Resource Teams to Facilitate Mainstreaming in the Secondary School," Ohio Department of Education - \$19,154 1 year

ROGER IDDINGS - "Teacher Institute: The Improvement of Mathematics Instruction," Ohio Department of Education - \$10,750 1 year

CONTRACTS, GRANTS AND AWARDS (CONTINUED)

ROBERT RIORDAN - "The Continued Operation of the West Central Ohio Regional Archaeological Preservation Office at WSU and the Branch Office at the Dayton Museum of Natural History," Ohio Historical Society - \$16,500 9 months

DAVID LEACH - "Alternative Space Workshops," National Endowment for the Arts - \$1,500 1 year

JOHN BELJAN - "Biomedical Research Support Grant," National Institute of Health - \$73,807 1 year

JOHN BELJAN - "Assistance in the Establishment of a New State Medical School," Veterans Administration - \$4,026,399 1 year

IRA LEFFAK - "Chromatin Structure and Replication," National Institute of Health - \$54,259 1 year

PARTAB VARANDANI - "Regulation and Function of Insulin Degradation," National Institute of Arthritis, Metabolism and Digestive Diseases - 90,579 1 year

MARTIN MURPHY J. - "Identity and Characteristics of Erythroid Stem Cells," National Institute of Arthritis, Metabolism and Digestive Diseases - \$27,037 7 months

ALEXANDER ROCHE - "Patterns of Dentocraniofacial Growth and Maturation," National Institute of Dental Research - \$88,448 1 year

ROBERT GOTSHALL - "Effect of Pressure on Renal Blood Flow and Function," National Heart, Lung, and Blood Institute - \$28,750 1 year

FREDERICK ERNST - "Biofeedback-Assisted Progressive Relaxation to Attenuate Complications of Hemophilia," The National Hemophilia Foundation \$15,000 1 year

WILLIAM BLACK - "Purchase Amplifier Equipment," Alpha Phi Sorority - \$975

KEN HASHIMOTO - "Unrestricted Support to Dermatology," Westwood Pharmaceuticals Incorporated - \$5,000

ALEXANDER ROCHE - "Assessment of Skeletal Maturity," National Institute of Child Health and Human Development - \$84,535 1 year

ALEXANDER ROCHE - "Longitudinal Study of Human Hearing," Aeronautical Systems Division, WPAFB - \$85,215 2 years

CHARLES WHARTON - "Primary Care Pediatric Residency," DHEW, Division of Medicine - \$107,465 - 1 year

CONTRACTS, GRANTS AND AWARDS ( CONTINUED)

JOHN HIMES - "Parent-Specific Growth Study," Ross Laboratories -\$1,500  
Supplemental - 1 year

MARVIN ARMSTRONG - "Unidentified Amino Acids in Human Blood Plasma,"  
National Institute of General Medical Sciences - \$28,076

BRIAN HUTCHINGS - "Biomedical Research Support Grant," National Institute  
of Health- \$17,541 1 year

PETER CALCOTT - "The Effect of a Variety of Stresses on the Persistence,  
Detection and Enumeration of Bacteria of Public Health Significance with  
Particular Reference to Arctic and Frozen Habitats," Department of the Army -  
\$37,370 1 year

GORDON SKINNER - "The Direct Determination of Atom and Radical Concentra-  
tions in Thermal Reactions of Hydrocarbons and Other Gases," Department of  
Energy - \$45,930 1 year

THOMAS TIERNAN - "Analysis of Industrial Samples for Dioxin," Environmental  
Protection Agency - \$40,000

JERROLD PETROFSKY AND CHANDLER PHILLIPS - "Microprocessor Stimulation of  
Muscle in the Paralyzed," National Institute of Neurological and Communicative  
Disorders and Stroke - \$45,963 1 year

JACK LEE - "On a Growth Curve Model," National Science Foundation - \$21,249  
2 years

SUE CUMMINGS - "Thermodynamic and EPR Studies on Model Oxygen Carriers,"  
National Heart, Lung, and Blood Institute - \$23,783 1 year

ROBERT DIXON AND LARRY CRUM - "Distributed Data Collection and Processing  
System," Systems Research Laboratory - \$20,480 Indeterminate time

MITCHELL SIMPSON - "Construction of Q-Meter for Internal Friction  
Measurements," NASA-Lewis Research Center- \$600 1 month

WILLIAM McCORMICK - "Engineering and Computer Software Services," Systems  
Research Laboratories - \$784 2 months

DANIEL ORGANISCIK - "Environmental Light and Retinal Membrane Development,"  
National Eye Institute - \$32,683 1 year

SUE CUMMINGS - "Thermodynamic Studies on Model Oxygen Carriers," National  
Heart, Lung, and Blood Institute - \$5,520 5 months

ROBERT DIXON, LARRY CRUM AND ALTON SANDERS - "Computer Graphics," National  
Science Foundation - \$24, 898 1 year and 6 months

MITCHELL SIMPSON, "Construction of a Temperature Controller," Los Alamos  
Scientific Lab/University of California - \$475 4 months

CONTRACTS, GRANTS AND AWARDS (CONTINUED)

MITCHELL SIMPSON - "Construction of a Phase-Lock-Loop Internal Friction Processor with FM Oscillator-99-108-MH2," Brookhaven National Laboratory, Associated Universities, Inc. - \$2,950 3 months

DARRELL CARTER- "Veterans Cost-of-Instruction Program for Academic Year 1978-79," DHEW,OE, Veteran's Program Branch - \$2,823 Supplemental