Shelton Horsley Research Award

The Horsley Award was not given in 1999-2000 because no papers were submitted for consideration.

Horsley Cancer Research Fund Grants

A total of $33,592.00 in funding was recommended. In December, 1999, the Research Committee of the Virginia Academy of Science recommended the funding of the following new proposal by the Horsley Cancer Research Fund provided by the trust of Mary Louise Old Andrews.

David M. Gardner, Roanoke College, $6592.00, "Quantitative studies of N-cadherin-mediated cell adhesion and invasiveness in Src-transformed chondrocytes"

In December, 1999, the Research Committee of the Virginia Academy of Science also recommended the funding of the following old unfunded or partially funded proposals by the Horsley Cancer Research Fund provided by the trust of Mary Louise Old Andrews. This was an extraordinary disbursement to remove excess funds created by the rise in the stock market.

Proposals submitted in 1998:

John J. Ryan, Virginia Commonwealth University, $6000.00, "Determining the mechanism of Kit inhibition and apoptosis avoidance by mastocytomas" VCU Proposal Number 99-0437-00

Roy L. Williams, Old Dominion University, $3000.00, "Naturally occurring phytoestrogens as tools to study apoptosis in human cancer cells" Proposal Number 99141

Proposals submitted in 1997:

Dr. Todd A Houston, Virginia Commonwealth University, $6000.00, "Design of novel glycoside inhibitors to disrupt angiogenesis"

Charles L. Rutherford and **Yun Qui**, $4000.00, "Mechanisms of activation of erbB2/neu by IL6 in prostate cancer cells, LNCaP", Grant Number 435745

Barbara A. Davis, Virginia Polytechnic Institute and State University, $3000.00, "Role of glucocorticoids in vitamin B6 deficiency: Preliminary study of the relationship between nutrition, immune function, and cancer"

Proposal submitted in 1996:

Julie A. Kerry, Eastern Virginia Medical School, $5000.00, "Regulation of cellular genes by Human cytomegalovirus" Grant Number 103-231-564010

Small Project Research Funds

A total of ten proposals were funded out of a total of 15 proposals submitted, for a total of &12,000.00. In May, 2000, the Research Committee of the Virginia Academy of Science recommended the funding of the following proposals by the Virginia Academy of Science.

D. J. Bautz and **T. O. Sitz**, Virginia Polytechnic Institute and State University, were awarded $1250.00 for their proposal titled "Processing of an enzyme targeted to the nucleus?".

Daniel Cristol, College of William and Mary, was awarded $1100.00 for his proposal titled "The role of diet and molt in the departure of the white-throated sparrow, Zonotrichia albicollis".

Daniel Druckenbrod and **Herman H. Shugart, Jr.**, University of Virginia, were awarded $1233.00 for their proposal titled "Forest dynamics in the Virginia piedmont".

Rhonda Edwards and **Duncan M. Porter**, Virginia Polytechnic Institute and State University, were awarded $1077.00 for their proposal titled "Phylogeny and biogeography of Clematis subgenus Viorna".

Joseph O. Falkinham III, Virginia Polytechnic Institute and State University, was awarded $1174.00 for his proposal titled "Genetic expression of virulence or stress-induced genes by intracellular M. avium".

Jeremy L. Goodin and **Charles Rutherford**, Virginia Polytechnic Institute and State University, were awarded $1250.00 for their proposal titled "Analysis of cAMP induced terminal neuroendocrine differentiation in human prostatic adenocarcinoma cell line LNCaP".

Mundy Hackett and **John F. Pagels**, Virginia Commonwealth University, were awarded $1250.00 for their proposal titled "A study of the northern flying squirrel in southwestern Virginia using radio telemetry for habitat analysis".

Michael T. Mengak, Ferrum College, was awarded $1236.00 for his proposal titled "Demographic characteristics and habitat selection criteria of the golden-winged warbler (Vermivora chrysoptera)".

Michael H. Renfroe, James Madison University, was awarded $1250.00 for his proposal titled "Propagation of African violet by synthetic seeds".

Timothy W. Stewart, Longwood College, was awarded $1180.00 for his proposal titled "Combining high taxonomic resolution and regression analysis to quantify relationships between physically complex habitat and benthic invertebrate community attributes in the James River".