

RESEARCH/CREATIVE ACTIVITY GRANTS COMMITTEE

LISTING OF FUNDED SUMMER STIPENDS

Summer 1979 - Present

Progress and/or Completion Reports are requested from the grant recipients in August of each year.

A report has been completed if the PR column is marked with a Y.

NAME	DEPT.	#	GRANT TITLE	AMOUNT	PR
Abdulali, Salman	Math	03-48	Hodge Structures on Abelian Varieties	9996	Y
Ajmera, Ramesh	Physics	79-23	Analog Computer and Electronic Circuit	2000	Y
Allen, William	Chemistry	99-2	Measuring chloride ion concentrations in bodily fluids	7654	Y
Baldwin, Karen	English	79-8	Completion of Book Manuscript for Publication: <u>Down on Bugger Run: Family Roots and Folk Tradition</u>	2000	Y
Baldwin, Marjorie	Economics	94-2	Pay Equity in Ontario: Is It Closing The Wage Gap	7035	Y
Baptist, Edward	Biology	86-2	Analysis of Dihydrofolate Reductase In Archaeobacteria	3200	Y
Bin, Okmyung	Economics	06-06	The impact of Riparian buffer rules on real estate markets :Evidence from the Neuse River Basin	14663	Y
Bishop, John	Economics	89-3	The Effectiveness of Taxes and Transfers for Redistribution	5000	Y
		93-5	Economic Policy and Income Inequality: An Analysis of the U.S. Experience, 1948-89	7024	Y
		96-5	The Effect of Earnings Imputation on Measured Poverty Status	6500	Y
		99-6	Do earnings imputations bias poverty counts and composition?	7654	Y
		04-48	Evaluating Regional Poverty in China with Subjective Equivalence Scales	13925	Y
Bissinger, George	Physics	79-21	X-Ray Production Cross Section Measurements	2000	Y
Bloodworth, William	English	80-?	Completion of Three Studies of Popular Western Literature and Initial Research for a Book on the Changing Image of Indians in American Culture after the Civil War	2500	Y
Bomar, Perri	Nursing	95-6	Preliminary Preparations for a Research Study of Health Teaching Program for African American Women With High Blood Pressure	2500	Y
Bowman, Josie	Nursing	95-7	Pain, Functional Status and Perceived Social Support in Individuals with Rheumatoid Disease	5000	Y
Boswell, Boni	HPERS	90-3	Using Kinematic Analysis for Motor Assessment of handicapped Children	5000	Y
Bradley, Don	Sociology	04-55	The Causes of Migration Among Older Adults: Evidence from The Health and Retirement Study	8318	Y
Bradley, John	Business	92-5	The Identification of an Indicator of Diagnostic Expertise	6500	Y
Bratton, Mary Jo	History	80-?	The Civil War Diaries of John Esten Cooke	2500	Y

		86-3	The Civil War Diaries of John Esten Cooke	3200	Y
Burroughs, Mary	Music	94-08	Learning the Natural Horn	4770	Y
Calhoun, Charles	History	93-8	Congress and Republican Party Thought in the Late Nineteenth Century	8109	Y
		06-10	The Presidential Election of 1888	16367	Y
Carr-Richardson, Amy	Music	02-61	Musical borrowing in Beethoven's String Quartet, op. 131	7296	Y
Carrafiello, Michael	History	94-11	English Recusant Women in the Age of Reformation 1580-1620	5184	Y
Casper, Myron	Chemistry	79-7	Synthesis of Duanorubicin by Regioselective Diels - Alder Reactions	2000	Y
		93-9	Synthesis of a Cycloacene	7250	Gone
Chowdhury, Mostafiz	Ind. & Tech.	91-7	Detection and Identification of Defects in Concrete Beams using a Dynamic Response Analysis Technique	6500	Y
Church, William	Chemistry	91-8	Biochemical Studies of Uric Acid and Ascorbic Acid	6500	Y
		92-7	Investigations into the Prevention of Brain Cell Death by Uric Acid	6500	Y
Coffin, Mark	Business	95-10	Dynamic Flowtime Determination in Assemble to Order Manufacturing Environments Using Neural Networks	7500	Y
Cortright, Ronald	HHP	99-10	The effect of endurance exercise and obesity on uncoupling protein gene expression in human skeletal muscle	7329	Y
Darty, Linda	Art	92-9	An Investigation into the Applicability of Spray Etching Techniques for Champlève and Plique A Jour Enameling Processes	6500	Y
		97-3	A Photographic History of Penland School	7250	Y
Daughtry, John	Math	86-4	Nonanticipative Factorizations of Positive Operators	3200	Y
Debnath, Lokenath	Math	79-17	(i) Theory of Nonlinear Instability in an Inhomogeneous Plasma (ii) Dynamics of Oceans	2000	Y
Downey, Liam	Sociology	01-19	Regional Variation in Environmental Inequality: A Multi-City Comparison	7076	Y
Duffy, Michael	Art	99-11	Daubigny's floating studio: mapping ocular experience and picturesque travel in the river landscape	6501	Y
Eamon, Tom	Political Sc	85-15	Black Political Leadership in the Post Civil Rights Period in the American South: A Study of Two Cities (Durham, North Carolina and Greenville, North Carolina)	2900	Y
Edwards, Bob	Sociology	96-9	Organizational Founding and Persistence in Two Social Movements of the 1980's	6500	Y
		98-2	Economic Boom or Environmental Bust: An analysis of public support for stricter swine regulations	6907	Y

Engelke, Martha	Nursing	93-16	Predictors of Maternal/Infant Interaction and Cognitive Development in High Risk Infants	5500	Y
Eo, Seo	Art	97-5	Reduction cooling: post firing process for high-iron stoneware	6123	Y
Farwell, Mary	Biology	95-15	Chromosomal location of human mitochondrial initiation factor 2	6232	Y
Fay, Julie	English	92-13 97-63	Chapters of Hannah Dustin: A Revision Elizabeth Emerson: victim not vixen	6500 7634	Y Y
Fernandez, Joseph	Foreign Lang	80-?	Research in Spanish Dialectology	2500	Y
Ferrell, Henry	History	79-16	"Claude A. Swanson of Virginia: A Political Biography"	2000	Y
Fischer, Janet	Art	97-64	Imagery and Scale Exploration Utilizing a Traditional Textile Process	7396	Y
Fischer, Rosemary	Music	84-22	A Piano Method for Mentally Handicapped Children	2900	Y
Flacco, Paul	Economics	90-7	Measuring Scale and Technological Change from Observable Data under Uncertainty	5000	Y
Gokcen, Selma	Music	88-10	Participation in the William Pleeth Master Classes for Cellists in Suffolk, England from 28 July - 6 August, 1988	3500	Y
Gopalakishnan, K	Computer Science	03-19	An Investigation of Bit Commitment Schemes	11141	Y
Gowen, Robert	History	80-?	Strange Neighbors; A History of Canada's Relations with Relations with Japan (to 1922)	2500	Y
Gross, Kevin	CDFR	06-30	Adolescent competence and parenting styles	9990	Y
Gupta, Uma	Business	95-20	Identifying critical success factors for women in computer-related careers	7500	Y
Hallberg, Carl	English	87-4	From Tee to Green: Classic Golf Stories	3200	Y
Hartley, Paul	Art	90-8 96-49	The manipulation of Paint on Glass Making Artworks and Experiments with Non-Traditional Techniques	5000 ???	Y Y
High, Linda	Music	95-23	Once Upon An Appalachian Folk Tale	5372	Y
Hoag, Ron	English	88-11	A Study of an Annotated Set of Mark Twain's Writings	3500	Y
Howell, Gladys	Sociology	80-?	The Middle Eastern Ethnic Community of Jacksonville, Florida: A Sociological Case Study	2500	Y
Huang, Ju-Chin	Economics	95-26	Nonparametric Double-Bounded Discrete Choice Model for Valuing Environmental Amenities	6930	Y
Hudson, Timothy	Mathematics	96-14	Prime Ideals in Triangular AF Algebras	6500	Y

		98-5	Factorization of operators on Hilbert Space	7503	Y
Hummer, Robert	Sociology	94-25	Infant Mortality Differentials by Race in North Carolina: A Test of Maternal Health and Behavioral Hypotheses	4864	Y
Izzo, Francesco	Theory, Composition And Musicology	06-15	Laughter Between Two Revolutions: Opera Buffa In Italy,1831-1848	8715	Y
Jantzen, Chris	Math	06-53	Induced representations for p-adic groups	10749	Y
Jubran, Hannah	Art	98-6	The seeing hands sculpture for the blind	7084	Y
Kapitan, Tomis	Sociology	88-13	C.S. Pierce and the Logic of Abductive Inference	3500	Y
Katsoulis, Elias	Mathematics	96-15	The Geometry of Operator Algebras	6500	Y
		98-7	Representation theory of TUHF algebras	7701	Y
		03-20	Extreme points and faces in operator algebra theory	11165	Y
		06-07	Dynamical systems, graphs and operator algebras	14041	Y
		09-05	The c*-envelope for operator algebras associated with dynamical systems	17303	
Kelly, Sean	Political Sc	95-30	Passing the Democratic Legislative Agenda in the Senate: Democratic Leadership in the 101st and 102nd Congresses	5472	Y
Kenworthy, Lane	Sociology	97-11	Do social-welfare policies reduce poverty? A cross-national assessment	6489	Y
Kerbs, John	Criminal Justice	09-37	A multi-level analysis of age-related differences in health outcomes as reported by federal and state prisoners.	12996	
Kim, Joong Ho	Math	85-13	Invariance and Power Invariance of Commutative Rings	2900	Y
Krupa, Karen	Nursing	87-6	Identification of Predictors of Performance on the Licensure Examination for Registered Nurses	3200	Y
Lamb, Trip	Biology	91-16	Genotoxic Phenomena in Organisms Exposed to Chronic Radiation	6500	Y
		94-28	A Molecular Phylogeny of the Tepui Toads	6114	Y
Laubert, Roman	Physics	80-?	Electrons Scattered in the Forward Direction by Fast Protons	2500	Y
Lawler, Donald	English	80-?	The Renewal of Mythmaking: An Account of Rediscovery of Mythopoesis in 19th and 20th Century English and American Literature	2500	Y
Leon, Mary-Ann	Communication	95-31	The Effects of News Coverage, News Framing, and, Individual Differences on Issue Salience and Assessments of Presidential Performance and Character	5794	Y
Levine, Susan	History	93-26	Equality Under Cap and Gown: The American Association of University Women, 1931-1991	5168	Y

Lewis, Edward	Political Sc.	91-18	Strategic Management Behaviors of United States County Administrators	6500	Y
		92-26	Development of a Book Length Manuscript: Managing the Forgotten Governments: The Actions of Appointed Administrators and Elected Executives in United States Counties	6500	Y
Li, Chia-yu	Chemistry	84-3	Electrochemical Studies of Substituent Effects and Their Correlation with NMR Chemical Shifts in Benzoquinoneimines	2900	Y
Li, Yumin	Chemistry	05-38	Modecular Dynamics Studies on the Interaction of S100B with Tumor Suppressor Protein p53 and Rational Drug Design	11,380	Y
		07-22	Rational Drug Design of Cardiac Troponin Ligand	12529	
Lim, Kwang	Chemistry	04-63	Comprehensive Structural Studies of Amyloidogenic Systems By Using Solution and Solid State NMR Spectroscopy	10107	Y
Liu, Haiyong	Economics	08-56	Maternal Work Schedules, Childcare Arrangements, and Child Development	12,813	Y
Love, Brian	Chemistry	95-32	Determination of the Composition of Mixtures of Chiral Compounds or "Hey! How many 'Lefties' Do We Have in There?"	5776	Y
Maher, Derek	Philosophy	05-68	Critical Appraisal of Polemic Assessment of Tsepon Wangchuk Deden Shakabpa's <i>One Hundred Thousand Moons: An Advanced Politicl History of Tibet</i>	9459	Y
Mangun, William	Political Sc	90-23	Completion of book entitled, Environmental Policy Management	5000	Y
Marvasti, Akbar	Economics	87-7	Market Structure Impact of Exploiting A New Resource Base	3200	Y
Mauger, Richard	Geology	79-13	Geology and Petrology of the Central Sierra Calera-de	2000	Y
Mayberry, Nancy	Foreign Lang	90-11	A Critical Edition of a Spanish Play	5000	Y
Mayne, Linda	Nursing	01-39	Mammography Screening Behaviors Among Women Over 50 Years of Age: Identifying Predictor Variables as a First Step Toward Effective Interventions	9253	Y
McCarthy, Mark	Business	96-17	Association of Capital Expenditures to the Equity Value of a Firm	???	Y
McConnell, Thomas	Biology	95-37	Expression of the catfish beta-2 microglobulin gene	6398	Y
McMillan, Doug	English	92-32	C.S. Lewis: An Annotated Bio-Bibliography	6500	Y
		97-12	C.S. Lewis: Teacher and Literary Historian	8886	Y
Means, Larry	Psychology	79-25	Behavioral Teratology: The Effects of prenatal Alcohol on Behavior	2000	Y
Mercer, Calvin	Philosophy	86-7	Biography of C. Sheldon Howard	3200	Y
		92-33	Agency and the Apostleship of Jesus: Entree into the History and Theology of Early Christianity	6500	Y

Meyer, Kim	Psychology	99-37	Mastery as defined by accuracy and speed: does skill fluency result in improved performance and maintenance	7346	Y
Miller, Richard	Philosophy	93-31	The Reality of the Possible: A Defense of Modal Realism	4825	Y
Morris, Jonathan	Political Sc	04-33	Slanted Objectivity? Assessing Liberal and Conservative Bias in Cable News Coverage of Politics in America	6922	Y
		07-23	The Media and Public Approval for Congress: A Dynamic Model	11604	Y
Mullinix, Constance	Nursing	08-39	Description of Retired Registered Nurses in the National Sample Survey of Registered Nurses	13,835	Y
Nischan, Bodo	History	85-12	The Second Reformation in Brandenburg: Causes and Consequences	2900	Y
		89-12	Continuity and Change in the Age of Confessionalism: The Second Reformation in Brandenburg	5000	Y
		92-37	Calvinism and the Emergence of Political Absolutism in Brandenburg-Prussia	6500	Y
Nixon, Cindi	Education	89-13	Project DIRECT: Developing Resources for Classroom Teachers	5000	Y
Palumbo, Donald E.	English	03-03	The Monomyth in America Science Fiction - Chapter 1,2, and 3	14002	Y
		05-26	The Monomyth in American Science Fiction - Chapters 8,9 & 10	16510	Y
Parker, Randall	Economics	91-25	Lessons for the Current Recession from the Great Depression	6500	Y
		08-29	Interwar Historical Antecedents of Modern Inflation Targeting Central Banks	17,029	Y
Paschal, Herbert	History	80-?	Preparation of a Bibliography of Sir Walter Raleigh	2500	Y
Phillips, Jonathon	Geography	89-15	Geomorphological Role of Organic Debris in the Tar River	5000	Y
		90-14	Time Scales of Wetland and Upland Surfaces	5000	Y
Pierson, Jay	Music	95-43	On Record: American Women Composers	5218	Y
Pravica, David	Math	98-11	Resonances in cavities: the lax-phillips conjecture	7507	Y
		01-49	Delay Equations in the Study of Fluid Flows	9253	Y
Pruitt, Sharon	Art	92-41	The Past in the Present: Three Nigerian Artists	6500	Y
Ravi, M.S.	Mathematics	94-38	Is the Generic Multi-Dimensional System Observable and Controllable	5770	Y
		99-41	Interpolation theory and quantum cohomology of flag manifolds	7654	
Reed, Jonathan	Psychology	01-33	Habit Memory and Category Memory in ADHD	8263	Y
Reep, Edward	Art	79-2	Painting: The Execution of a Series of 12 Works, (Acrylic on Canvas), Each Approximately Five Feet Square, Entitled "Lines and Occlusions"	2000	Y
Reiser, Christa	Sociology	95-46	Gender Hostility	5950	Y
Richardson, Gary	Math	80-?	Listing Properties of the Star Compactification	2500	Y

Ross, Gregory	Philosophy	80-?	1. Is the Distinction Between Experience and Being Merely Verbal? 2. Experimental Evidence of Behavioral Methods In Philosophical Education Increasing Critical Thinking Skills	2500	Y
Rothman, Philip	Economics	97-16	Accounting for the asymmetry in unemployment rates	8886	Y
		99-44	Do inventories stabilize macroeconomic fluctuations? A time series investigation	7654	Y
		01-15	A Moving-Window Analysis of the Relationship Between Oil Prices and the U.S. Macroeconomy	9253	Y
		05-45	"A Smooth Transition Analysis of the Fed's Monetary Policy Rule"	11379	Y
Rupp, Nicholas	Economics	10-36	Do consumers benefit from low-price guarantees? Evidence from online travel agents	17786	
Sargent, Andrew	Chemistry	98-12	The removal of sulfur impurities from crude oil; analyzing the chemical reactions of compounds which resist desulfurization	7701	Y
		00-32	The removal of nitrogen impurities from crude oil: an investigation into the conditions which optimize the C-N bond cleavage reaction	8623	Y
		06-68	Investigating the Role of Solvent in a Catalytic Chemical Transformation	12170	Y
Scavo, Carmine	Political Sc	90-15	Local Government Responses to Environmental Problems	5000	Y
Schlapentokh, A.	Mathematics	05-04	Elliptic Curve Definability Methods Over Number Fields	14004	Y
Schmidt, Rodney	Music	79-19	Performance with the Nathan Milstein Masterclass	2000	Y
Schneider, Doug	Business	99-45	Foreign currency translation adjustment: an empirical investigation of stock market perception	7654	Y
Schumacher, Edward	Economics	97-19	Relative wages, training and occupational mobility	8804	Y
		99-46	Union membership, union wages, and the changing distribution of skills	7654	Y
		01-3	Are Union Wage Premiums Maintained When Membership Declines?	9253	Y
Scriven, Karen	English	90-16	Developing Communicative Competence: Verbal Complements in Nonexpert Writers	5000	Y
Shields, Thomson	English	91-27	Hakluyt's Divers Voyages: The First American Literature Anthology	6500	Y
Shinpaugh, Jefferson	Physics	96-27	Ionization and Charge Transfer in Low-Energy Atomic Collisions	6000	Y
		00-38	Inonization and electron transport in water induced by proton radiation	8257	Y
Shlapentokh, Alexandra	Mathematics	94-43	Diophantine Classes	5811	Y
		99-50	Solving polynomial equations over rational numbers	7654	Y
		03-05	P-adically Discrete Sets over Number Fields and Function Fields	11261	Y
		10-01	Diophantine undecidability over function fields and rings of	18145	

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Sibert, John	Chemistry	96-28	Gd(III)-Tetraphosphoroporphyrins: Novel Magnetic Resonance Imaging Contrast Agents	6500	Y
		99-51	The synthesis of bulky appended macrocyclic metal complexes for use in cancer therapy	7654	Y
Simon, Maurice	Political Sc	97-21	The New Parliament of the Czech Republic: Democratic Learning and Institutional Development in the First Term	8886	Y
Smith, Kim	English	84-6	The Mass Media and Public Opinion: An Agenda-Setting Study In One Community	2900	Y
Smith, Ronnie	Math	93-43	The Impact of Misrecognition in Spoken Human-Computer Dialog	7250	Y
Southard, Bruce	English	91-29	Language Change in Ocracoke, N.C.: Stage I	6500	Y
		94-46	Pronunciation Change in Eastern North Carolina: Markers of Race and Gender	6161	Y
		97-22	Establishing an Acoustical Base for the study of English Dialects	8409	
Spalding, Nancy	Political Sc	89-19	Local Organizations, Participatory Democracy and State Consolidation in Tanzania	5000	Y
		95-57	A Cultural Interpretation of African Politics	5736	Y
Spurr, Michael	Math	93-47	Geometric Construction and Symmetry	5975	Y
Standish, Peter	Foreign Lang	97-24	Julio Cortazar: A Reevaluation	8886	Y
Sullivan, C.W.	English	92-50	Science Fiction for Young Readers	6500	Y
Taggart, Mark	Music	99-54	String Quartet No. 1	7654	Y
Tawake, Sandra	English	93-51	Reading Pacific Island Fiction Cross-Culturally	4604	Y
		97-25	The Evolution of Pacific Literature	7030	Y
Tucker, John	History	01-57	Defining 18 th Century Shogunal Absolutism: A Translation and Analysis of Ogyu Sorai's (1666-1727) Philosophical Lexicography	8790	Y
		06-67	Bushido as an invented tradition	11400	Y
Wallin, Leland	Art	94-50	Portraiture Firsthand Step-By-Step: A Documentary Manuscript with Visual Corroboration	4256	Y
Wertheim, Paul	Business	91-34	Issues in Forecasting Future Cash Flow	6500	Y
Whetstone, Tony	Psychology	94-51	Conscious and Unconscious Information Processing	5168	Y
Whitehead, John	Economics	92-56	The Economic Value of Water Quality and Wildlife Habitat in the Albemarle-Pamlico Estuarine System	6500	Y
Wilentz, Gay	English	90-20	Final preparation of book-length manuscript, Towards A Diaspora Community	5000	Y

Williams, Jeffrey	English	93-53	To research and complete an article entitled "Packaging Theory: A Survey of Recent Anthologies of Literary Criticism and Theory"	4241	Y
Williams, Susan	Nursing	95-60	A Comparison of Likert Scale Response Formats in Patients with Lower Reading Levels	5000	Y
Wilson-Okamura, David	English	07-10	"The Formalist Tradition" for A Handbook of Spenser Studies (OUP)	10423	Y
Winn, Wilkins	History	80-?	The Completion of the Research for the Final Two, Maybe Three, Chapters of the Biography of A.E. Bishop, A Pioneer Protestant Missionary to Honduras (1896-1899) and Guatemala (1899-1943)	2500	Y
Yang, Yu	Chemistry	98-16	Subcritical water chromatography: a new reverse-phase separation technique without organic solvent	7384	Y
Yarbrough, Tinsley	Political Sc	85-17	J. Waties Waring and Civil Rights in South Carolina (A Biography)	2900	Y
		89-21	Justice John Marshall Harlan: Judicial Craftsman (a monograph)	5000	Y
		97-27	The Rehnquist Court and the Constitution	8886	Y
		03-24	David Hackett Souter: Jurisprudential Pragmatist on the Renhnquist Court	19850	Y
Zeager, Lester	Economics	93-57	Food Stamp Program versus Nutrition Assistance Program: Implications for Undernutrition	6322	Y
		97-28	Earnings paths for immigrants and native workers: a longitudinal analysis	8886	Y
		00-01	Interpreting Cuban Refugee Crises as Games of Strategic Interaction	10852	Y

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