

College of William and Mary
Committee on Faculty Research

Annual Report
1990-91

The report is divided into the following sections: A. general information concerning the work of the Committee; B. Summer Research Grants; C. Semester Research Assignments; D. Minor Research Grants; E. Book Subventions; F. Impact of the budget crisis on the programs of the Committee.

A. General Information

1. Policy and Principles statements with attached application forms for all programs are available in the Office of Grants and Research Administration (James Blair 202). These should be read carefully before submitting a proposal.

2. Application deadlines for 1991-92 are as follows:
Semester Research Assignments, 3 October 1991
Summer Research Grants, 24 October 1991
Minor Research Grants, 19 September 1991 and 30 January 1992
Book Subventions, accepted any time

The deadline for semester grants has been moved forward about a month to meet the wish of chairs and deans to have earlier decisions in this matter.

3. The semester research assignment program for untenured Assistant Professors, referred to in last year's report, remains under review by the administration.

4. The expanded Semester Research Assignment program, referred to in last year's report, remains in place. Faculty may elect to take a full year at 80% of their academic year salary if they consider this more desirable than the (still available) conventional one-semester leave at full pay. However, approval of the full year leave by the department chair and/or dean, and the Provost, is required.

5. The summer research grant supplement program, referred to in last year's report, was approved in principle by the Provost, but its implementation has been delayed.

6. Only minor changes in the Policy and Principles Statements and application forms have been made. It is emphasized that the length limitation on the descriptive portion of summer and semester proposals is 1000-words only, and not two pages. A definition of "younger faculty at the beginning of their academic career", and the Committee's approach to Summer Grant applications from such faculty, has been added to the Policy and Principles statement.

B. Summer Research Grants

The Committee received 97 applications for Summer Research Grants, twenty more than last year. Five of these were from faculty who had received two grants in the previous three-year period. Since there existed a sufficient pool of fundable proposals, none of these were funded. The number of Summer Research Grants awarded was 49. In order to award 49 grants in this year of financial woe the Committee made the difficult decision of recommending that a smaller stipend be provided, one 18.4% smaller than it would have been had the traditional one-ninth fraction of the average salary been maintained. The following faculty members were awarded summer grants:

Samuel H. Baker Economics	The Effect of Airline Concentration on Passenger Fares: The U. S. Evidence
Jayne W. Barnard Law	Vision, Narcissism and Business Judgment
Christopher L. Bongie English	Nation/Writing: The Rhetoric of Colonialism and the Italian Conquest of Libya, 1911-12
Monica Brzezinski, English	<u>Cleanness</u> and the Art of Preaching
Lynda L. Butler Law	Political Theory, Property Rights and the Environment
Francie Cate-Arries Modern Languages	Artistic Representations of the Body in Pain: The Flesh and Blood of Federico Garcia Lorca and Salvador Dali
William S. Cobb Philosophy	A Critical Study and Translation of the Ancient Greek dialogue <u>Theagues</u>
David Dessler Government	How Explanatory Models are Used in International Relations Theory
Susan V. Donaldson English	Reluctant Visionaries and Southern Others: Writers and Painters in the Modern South
Davison M. Douglas Law	Decrees and Legitimation: Revisiting Swann v. Charlotte- Mecklenburg
Anthony Esler History	A History of the Theory of Social Generations
Cynthia S. Gadd Business	Implications of Consultation Discourse Models for Human-Computer Communications
Joseph Galano Psychology	Policy Making and Adolescent Pregnancy Prevention in the South
George W. Grayson Government	Energy and Latin American Cooperation
George D. Greenia Modern Languages	An Edition of the Great Spanish Moralized <u>Biblia</u> <u>de Osuna</u> of the Biblioteca Nacional, Madrid
Beatrice Guenther Modern Languages	The Poetics of Silence. A Study of French Women Novelists in the Nineteenth Century
Hector H. Guerrero Business	A Large Scale Simulation Study of Heuristic and Optimal Demand Management Strategies
Henry Hart English	Robert Lowell and the Sublime
Martha M. Houle Modern Languages	Pursuing a Tradition: Courtly Love in Seventeenth Century France
Eric R. Jensen Economics	A Comparative Study of Contraceptive Method Choice, Duration of Use and Use-Effectiveness

Patricia M. Kane Chemistry	Steps in Assembly of the Yeast Vacuolar Proton-translocating ATPase
Colleen Kennedy English	Oedipa's Ecstasy: Reading [in] the Excluded Middle
Rex K. Kincaid Mathematics	Metaheuristics for Discrete Network Location Problems
Gary A. Kreps Sociology	Disaster and the Social Order
James Lepore Dance	A Documentation and Analysis of Selected Dances of the Egyptian Nubians
Weizhen Mao Computer Science	Scheduling Problem: Non-Preemption vs Preemption
Lawrence E. Marceau Modern Languages	Sun Deity and Syllabic Nasal: Early Modern Disputes over Japanese Uniqueness
Roy Mathias Mathematics	The Polar Decomposition: Theory and Applications
James M. Oliver Business	A Structural Model of Shopping Process Involvement: Measurement, Antecedents, and Outcomes
Sandra J. Peart Economics	The Economics of W. S. Jevons
Kenneth G. Petzinger Physics	Elastic Constants of the Flux Line Lattice of High Temperature Superconductors
Gregory J. Phillips Biology	Characterization of the Essential <u>ffh</u> gene from <u>Escherichia coli</u>
Ronald B. Rapoport Government	Everybody Loves a Winner: Anticipation and Perception in Nomination Campaigns
Linda C. Reilly Classical Studies:	Cerberus and Orthus: The Dogs in the Labors of Herakles
Michael Rohrbaugh Psychology	An Interactional View of Psychopathology
Janine Scancarelli English	An Analytic Study of Cherokee Verbs: Roots, Derivation and Inflection
Glenn Shean Psychology	Social Interactional Aspects of Depression
Rahul Simha Computer Science	Parametric Analysis and Optimization in Time-Varying Systems
Margaret J. Simpson Economics	Evidence on the Value of Patent Protection and the Value of Patented Invention

Kimberly J. Smith Business	Asset Abandonments Under Differing Managerial Incentive Structures
Roger W. Smith Government	Children as Victim-Perpetrators in Genocide: Germany, Cambodia, Azerbaijan
John B. Strong Business	Emerging Stock Markets in Developing Countries: The Jakarta Stock Exchange
Talbot J. Taylor English	Landmarks in Linguistic Thought: Volume II, The 20th Century
Alan J. Ward Government	The Politics of Immigration and Multi-Culturalism in Australia
Sandra B. Ward Education	The Impact of Educational Level on Comprehension Monitoring and Illusion of Knowing
Thomas J. Ward, Jr. Education	The Effects of Field Articulation, Short-term Memory, and Seductive Details on the Recall of Expository Text
Paul F. Whiteley Government	Democracy and Economic Growth Over the Long Run
Martin Zelder Economics/Law	Economic Analysis of Libel Law

Henry Krakauer declined his grant. In view of the budget crunch the Provost decided not to go to the waiting list.

C. Semester Research Assignments

The Committee received 38 applications for Semester Research Assignments, seven more than last year. Eleven of these were determined to be unfundable due to an insufficient research record since the last assignment, possibly supplemented by other reasons. One was not funded because the number of service years was considered too few (four). The Committee thus recommended awarding 26 grants, which the Provost approved. The minimum number of service years for those receiving grants was five. The recipients of Semester Research Assignments are:

James A. Bill Government	George Ball and U.S. Foreign Policy: A Critique From Within the Establishment
John F. Boschen Business	Monetary Policy, Banking Activity, and Macroeconomic Behavior
Julia K. Brazelton Business	Tax System Desirability Exercise: What Do Taxpayers Really Want?
Herrington J. Bryce Business	Untitled
Dale Cockrell Music	The Minstrel Show in the Antebellum South
Henry E. Coleman Fine Arts	Multiple Panels (Painting and Drawing)

Susan V. Donaldson English	The American Novel: 1865-1914
John H. Drew Mathematics	Nonnegative Matrices and Rank
R. J. Fehrenbach English	Private Libraries in Renaissance England: The Oxford Inventories
William E. Fulmer Business	Service Management: Encounters and Strategies
James F. Harris Philosophy	Relativism, Science and Feminism
Henry Hart English	Robert Lowell and the Sublime
David C. Jenkins English	John Payne Collier and His Works: Forger or Victim? The Present State of Collier Studies
Gerald H. Johnson Geology	Molluscan and Cetacean Biostratigraphy of the Eastover and Yorktown Formations, Middle Atlantic Coastal Plain, Virginia
Morgan Kelley Modern Languages	Completion of the Left Handed Hummingbird: Myth and Metaphor in Language History
John Lavach Education	Intellectual, Academic and Neuropsychological Performance Levels in Head Injured College Students
Carlisle E. Moody Economics	Experimental Bidding Systems and OCS Leasing
John B. Nezlek Psychology	The Development of a New System to Analyze Social Inter- action: The Roles of Individual Variability
John H. Oakley Classical Studies	More Greek Vases in the Walters Art Gallery
Leiba Rodman Mathematics	Studies in the Theory of Operators
H. E. Schone Physics	Studies of Amorphous Hydrides and Metal Hydride Single Crystals
Kelly G. Shaver Psychology	Toward a Social Psychology of Persistence
Glenn Shean Psychology	Qualitative Aspects of Social Interactions Associated with Self-Reported Depression
Sheila S. Walker Anthropology	The Writing of a Monograph on Afro-Brazilian Religion and Culture
Alan Wallach Fine Arts	The View from the Top: Thomas Cole and the Rise of the Panoptic Sublime

Edgar W. Williams
Music

Harmony-and-Voice-Leading Textbook/Musical Composition

D. Minor Research Grants

The Committee accepted applications for Minor Research Grants in the fall only; see Section F. Total requests were \$11,640; a total of \$7,901 was awarded. The table below contains a breakdown by department and status of applicant for the awards made.

Minor Research Grants, Fall 1990

Department	Faculty	Grad Student	Undergrad Student	Total
Biology			\$ 1,501.00	\$ 1,501.00
Business	\$ 321.00			321.00
Chemistry			150.00	150.00
English	300.00			300.00
Geology			300.00	300.00
History	300.00	\$ 1,258.00		1,558.00
Law	300.00			300.00
Modern Languages	225.00			225.00
Music	184.00			184.00
Physical Education	325.00			325.00
Physics		280.50		280.50
Psychology		760.00	600.00	1,360.00
Theatre	586.50		510.00	1,096.50
Total	\$2,541.50	\$2,298.50	\$3,061.00	\$7,901.00

E. Book Subventions

No final formalized book subvention requests are available yet for consideration.

F. Impact of the Budget Crisis on the Programs of the Committee

The effects of the budget crisis on the Committee's programs have ranged from undetectable to profound. Listed below are those effects we can presently discern, of increasing importance on descending through the list.

1. Book Subventions. Since no final formalized requests for subvention have been received this year, there has been no effect to date.
2. Semester Assignments. At first glance the award of 26 assignments out of 38 applied for, a lower success rate than in previous years, might seem to suggest an effect. However, it is not unlikely that the Committee's decision to recommend funding only 26 proposals would have been the same even in the absence of a budget crisis. That is, standards were not noticeably toughened this year in order to cut down the success rate. However, the budget crisis may indeed have an effect in determining whether faculty who received assignments can take their leave when they wish to do so.
3. Semester research assignment program for untenured assistant professors. This has not yet been instituted, in large measure because of the effects of the budget crisis.
4. Summer research grant supplement program. Nor has this been instituted, because of the effects of the budget crisis.

5. Minor Research Grants. Thanks to the budget crisis only about half the money normally expected for this program was available. No Minor Grant applications could be considered in the spring semester.

6. Summer Grants. The most profound effect occurred in this program. The Committee had to choose between only 40 grants at the standard one-ninth of average salary stipend, a decline of 12 grants from the previous year and of 3 grants from the year before that, and a larger number of grants at a smaller stipend. It chose to recommend 49 summer grants at a stipend 18.4% smaller than the normal indexed amount. The Provost advised the Committee late in 1990 that he hoped to find more money for the program. The Committee recommended that the waiting list be consulted should additional monies turn up. None did. The success rate in the summer grant program was significantly lower than in previous years, though it should also be noted that the number of applicants was a record high. The table below contains some statistics which may be of interest.

Academic year	1988-89	1989-90	1990-91
Grant in Summer:	1989	1990	1991
Total number of eligible applicants	67	73	92
Total number of eligible "younger ... career"	14	15	28
Total number of senior applicants	53	58	64
Total grants awarded	43	52	49
Overall success rate	64.2%	71.2%	53.3%
Grants awarded to "younger ... career"	13	14	21
Success rate for "younger ... career"	92.9%	93.3%	75.0%
Success rate for senior faculty	56.6%	65.5%	43.8%

The results contained above, besides illustrating some effects of the budget crisis, show that the Committee has consistently given decided preference to the funding of summer grant applications from "younger faculty at the beginning of their academic careers", as its Policy and Principles statement declares. Some concern, based on insufficient familiarity with the results, had been expressed that this was not the case. The Committee wishes to caution, however, that no false expectations, e.g., that grants to new faculty are "automatic", be conveyed by chairs, deans or other persons. The Committee considers that a person in the first three years of completely independent teaching and research activity in their post-terminal degree period, and who has no extensive prior experience in non-academic but closely related fields, qualifies for special consideration in the summer grant program.

Respectfully submitted,

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