

June 30, 2006

FACULTY RESEARCH COMMITTEE ANNUAL REPORT: FY 2005-2006

TO: Office of the President
Office of the Provost
Office of the Vice Provost for Research
All Academic Deans
Faculty Senate

FROM: Cynthia Price, Ph.D., Faculty Research Committee Executive Secretary
Associate Vice Provost for Research Administration and Director, SPAR



1. 2005-2006 Committee Members:

Edgar Landgraf (FS appointment, A&S) – Continuing Member
Jim Evans (FS appointment, A&S) – Term Completed
Yu Zhou (FS appointment, A&S) – Continuing Member
B. Madhu Rao (FS appointment, BA) – Continuing Member
Alden Craddock (FS appointment, EDHD) – Term Completed
Anne Leser (FS appointment, Firelands) – Continuing Member
Gary Silverman (FS appointment, CHHS) – Term Completed
Elizabeth Wood (FS appointment, LIB) – Continuing Member, Chair
Csaba Erdelyi (FS appointment, CMA) – Term Completed
Andreas Luescher (FS appointment, TECH) – Continuing Member
Hassan Rajaei (Committee on Committees appointment) – Term Completed
Pavel Anzenbacher (VPAA Appointee) – Term Completed

Ex-Officio Members:

Heinz Bulmahn (Graduate College)
Cynthia Price (Sponsored Programs and Research Office)
Deanne Snavely (Graduate College)

Kris Curlis, Administrative Assistant of the Sponsored Programs and Research Office assisted the FRC by providing administrative support for all activities including managing the FRC award processes.

Tom Kornacki provided support for FRC programs including guideline revisions and oversight of award mechanisms.

2. 2006-2007 New Committee Members elected by the Faculty Senate:

Jeffrey Miner (A&S Math/Sci)
Lubomir Popov (Education & Human Development)
Nancy Orel (Health & Human Services)
Mark Munson (Musical Arts)
Nancy Patterson (Committee on Committees Appointee)
Alexander Goberman (VPAA Appointee)

3. Program Activities:

a. Research Incentive Grants (RIG)

FY2006

18 Submissions	Total Requested	\$191,722
15 Awards	Total Amount Awarded	\$156,881

The FRC conducted one round of competition during this year. This program is designed to reward and encourage continuing efforts of faculty members who have submitted or were planning to submit proposals to external agencies during AY2005-2006. The RIG proposal is meant to give the faculty member an opportunity to carve out a piece of the research that can be completed before the external grant is obtained. Awardees find themselves in good positions to re-submit any unsuccessful proposals for the next round. RIG applications that documented a meaningful role for undergraduate researchers were considered for an additional \$1,500. Distribution is as follows: Arts and Sciences 14; Education & Human Development 1.

b. Scholars Assistance Program

FY2006

32 Submissions	Total Requested	\$51,355
30 Awarded	Total Amount Awarded	\$36,925

The Scholars Assistance Program is designed to address limited needs of faculty involved in enhancing their research agendas. The program offers support for Bridge Funding, Research Travel, Research in Difficult-To-Fund Areas, and Unanticipated Expenses. One proposal was received for Bridge Funding, thirteen for Research Travel, four for Research in Difficult-To-Fund Areas, and twelve for unanticipated expenses. Distribution is as follows: Arts and Sciences 17; Musical Arts 6; Education & Human Development 4; Health & Human Services 2; Firelands College 1.

c. Faculty Mentoring Program

FY2006

4 Submissions	Total Requested	\$16,000
4 Awarded	Total Amount Awarded	\$16,000

The Faculty Mentoring and Enrichment Program was developed to provide an opportunity for probationary faculty members to work with successful, more senior faculty to revise and further develop their proposals for submission to an external funding source. The program was expanded in 2003 to include faculty at all levels who could benefit from the mentoring process. Distribution is as follows: Arts and Sciences 2; Education & Human Development 1; Technology 1.

Total FRC Funds expended: FY2006 \$ 209,806

SCHOLARS ASSISTANCE PROGRAM (SAP) FUNDING AY 2005-2006

	Project Description	Funded Projects
Bridge Funding		
Lauren Katz - CDIS	controlled study & report findings on Close Reading	\$ 695
Travel for Research		
Mille Gulbeck - ART	airfare to Denmark to work w/Else Ploug Isaksen	\$ 1,000
Sharon Ben-Tov Muir - ENG	Boston-reading of book in reading series Newton Free Libry	\$ 500
Larissa Szporluk - ENG	research at Widner Library, Harvard University	\$ 250
Lynda Dixon - IPC	travel Tahlequah, Oklahoma addtl data collection	\$ 300
Carlo Celli - ROML	research at Widner Library, Harvard University	\$ 500
Burton Beerman - MUCH	New York for premiere performance Symphony Space	\$ 500
Emily Freeman Brown-MUSP	airfare to Romania - conduct concerts & lead symposium	\$ 550
Penny Kruse - MUSP	Romania - State Philharmonic of Sibiu	\$ 800
Lessie Cochran - SIS	study of Ohio's intervention specialist licensure structure	\$ 500
Awad Ibrahim - EDFI	Oxford University Round Table	\$ 250
Stephen Langendorfer-HMSLS	St. George Island, FL - organize/develop plan	\$ 250
David Stodden - HMSLS	St. George Island, FL - organize/develop plan	\$ 250
Philip Weinsier - HMSLS	research trips to Northern Michigan & Clemson	\$ 500
Research in Difficult to Fund Areas		
Janet Ballweg - ART	artist residency in Florence, Italy	\$ 3,000
Ken Pargament - PSYC	release time from 1 grade course Spring 06	\$ 2,400
Ron Shields - THFM	activities related to pre-production aspects of project	\$ 6,000
Burton Beerman - MUCH	Concert of Hope, Enlight, & Rember: TIKVAH, Atlanta, GA	\$ 2,000
Small Grants for Unanticipated Expenses		
Mike McKay - BIOL	purchase ultra low temperature freezer	\$ 2,178
Pavel Anzenbacher-CHEM	publishing costs of article/cover picture in journal	\$ 1,000
Neocles Leontis - CHEM	replacement Thermal Cyclor	\$ 1,400
Alexander Tarnovsky-CHEM	replace/repair electromagnetic noise diag	\$ 1,960
Sharon Ben-Tov Muir - ENG	book presentation at the Jewish Book Council's meeting	\$ 180
Andrew Schocket - HIST	inclusion of images scholarly monograph	\$ 478
Jeremy Wallach - POPC	publication of book manuscript	\$ 2,000
Kevin Pang - PSYC	upgrade stereology/neuron reconstruction	\$ 4,500
Jonathan Chambers-THFM	publishing fee for indexing of book - SIU Press	\$ 484
Rodney Gabel - CDIS	survey explore sterotypes/perceptions toward stutter	\$ 1,500
Marilyn Shrude - MUCH	guest residency & concert - University of Hawaii	\$ 500
John Sampen - MUSP	Faenza Estate Saxophone Workshop - Faenza, Italy	\$ 500
TOTAL EXPENDITURES (ALL CATEGORIES)		\$ 36,925

RESEARCH INCENTIVE GRANT (RIG) FUNDING AY 2005-2006

Faculty	Short Title	Amount
Raymond Larsen - BIOL	Characterization of the Essential Contributions of TolQ Protein to Bacteriophage P1 Maturation	\$ 11,500
Pavel Anzenbacher - CHEM	Nonwoven Nanofiber Mats as Platforms for Multi-Analyte Fluorescence Sensing	\$ 11,500
Michael Ogawa - CHEM	De Novo Design of Functional Metalloproteins	\$ 11,500
Alexander Tarnovsky - CHEM	Towards the Visualization of the Dynamics of Breaking and Making of Chemical Bonds During Reactions Occurring in Solution	\$ 9,960
Larua Leventhal - CS	Using Interactive Three-Dimensional Models to Study Spatial Ability	\$ 11,500
Apollos Nwauwa - HIST	The Cold War, Academe, and Nigerian Elite, 1960-2000	\$ 11,500
Don Rowney - HIST	Governing Empires: Imperial Russian Officialdom and the Perspectives of Scholarship	\$ 10,506
Juan Bes - MATH	Linear Dynamical Systems, Hypercyclic Vectors, and Banach Algebras	\$ 7,777
Rieuwert Blok - MATH	Amalgam Presentations of Lie and Kac-Moody Groups	\$ 10,000
Junfeng Shang - MATH	A New Class of Selection Criteria in Mixed Models	\$ 10,000
Craig Zirbel - MATH	Using 3D Structures to Improve RNA Multiple Sequence Alignments	\$ 11,500
Lewis Fulcher - PHYS	Physics of Phonation, Aerodynamics and Lumped Element Models	\$ 11,500
Amy Robinson - ROML	Mexico in the Age of Chucho el Roto: The Changing Meanings of Banditry from the Porfiriato to Post-Revolution	\$ 7,100
Franklin Goza - SOC	The Incorporation of Somali Newcomers in Canada and the United States	\$ 11,500
David Stodden - HMSLS	Associations Among Motor Skillfulness and Physical Fitness and Physical Activity	\$ 9,538
TOTAL EXPENDITURES		\$ 156,881

FACULTY MENTORING AND ENRICHMENT PROGRAM FUNDING AY 2005-2006

Faculty	Short Title	Amount
Vibha Bhalla - ETHN	American Dreams: Gendered Migrations from India to Metropolitan Detroit	\$ 3,000
Robert Buffington - HIST	Vibha Bhalla's Faculty Mentor	\$ 1,000
Shannon Orr - POLS	Implications for Businesses that Operate within the Highly Regulated Environment of Banff National Park	\$ 3,000
David Jackson - POLS	Shannon Orr's Faculty Mentor	\$ 1,000
Patricia Buchanan - HMSLS	An Analysis of Possible Screening Tests for Risk of ACL Injury	\$ 3,000
Stephen Langendorfer - HMSLS	Patricia Buchanan's Faculty Mentor	\$ 1,000
Terry Herman - TECH	Designing an Adaptive Educational Hypermedia Online Course Design, Development, and Collaboration Model	\$ 3,000
Laura Leventhal - CS	Terry Herman's Faculty Mentor	\$ 1,000
		<hr/>
	TOTAL EXPENDITURES	\$ 16,000