

**UNIVERSITY RESEARCH COMMITTEE**

**ANNUAL REPORT**

**FISCAL YEAR 1993**



**UNIVERSITY RESEARCH COMMITTEE  
FISCAL YEAR 1993 AWARD SUMMARY**

Total Allocation	\$120,000.00
Gifts & Unused Grant Funds	990.00
Loan Reimbursement	<u>4,549.00</u>
Total URC Budget	<b>\$125,539.00</b>

Fellowships (15 awards @\$6,500 each)	\$ 97,500.00
Bonus Reserve (\$500/each Fellowship Recipient)	7,500.00
Small Grants	4,240.00
Special Projects	1,650.00
Meadow Brook Conference Grant*	6,000.00
Books, Reprints, & Page Charges	<u>8,349.24</u>
Total Expenditures	<b>\$125,239.24</b>

Balance      **\$299.76**

\*The award recipient(s) in this category may receive in-kind support from Meadow Brook Hall.

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**SUPPLEMENTAL EXPENDITURES**

**Alumni Association Support:**

Undergraduate Research Grants	\$ 900.00
Graduate Research Grants	2,000.00
Alumni Conference Grants	3,000.00

**Academic Affairs:**

Fellowship for Minority Recruitment/Retention	\$ 6,488.50
Bonus Reserve	500.00

**Office of the President/Special Support:**

Interdisciplinary Project Grants	\$20,000.00
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**O.U. Foundation Support:**

Research Excellence Award	<u>\$ 2,500.00</u>
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<b>Total Supplemental Expenditures</b>	<b>\$35,388.50</b>
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## FELLOWSHIP AWARDS

Name	Title	Amount
<b>Carlo Coppola</b> Modern Languages and Literatures	"South Asian Literary Projects"	\$6,500.00
<b>Sheldon Gordon</b> Biological Sciences	"Protease Involvement in Corneal Endothelial Cell Migration"	\$6,500.00
<b>Kevin Grimm</b> English	"Reading the Pictures: The Illustrations of an Early Edition of <u>Le Morte Darthur</u> as an Interpretation of the Text"	\$6,500.00
<b>You-Liang Gu</b> Electrical and Systems Engineering	"An I/O-Augmentation Approach to the Adaptive Control of Under-Actuated Dynamic Systems"	\$6,500.00
<b>Edward Haworth-Hoeppner</b> English	"W.S. Merwin's Poetic Drafts and Letters from Hawaii"	\$6,500.00
<b>Niels Herold</b> English	"Discourses of Madness and Shakespearean Tragedy"	\$6,500.00
<b>Janusz Laski</b> Computer Science and Engineering	"An Application of Dynamic Slicing to Testing Fault Hypotheses in Computer Programs"	\$6,500.00
<b>Nivedita Mukherji</b> Economics	"Monetary Policy and the Provision of Insurance By Financial Intermediaries Under Asymmetric Information"	\$6,500.00
<b>Olabode Ogunyemi</b> Mathematical Sciences	"Conditionally Heteroscedastic Autoregressive Time Series Models"	\$6,500.00
<b>Mohinder Parkash</b> Accounting and Finance	"The Differential Information Content of Unexpected Permanent and Temporary Earnings"	\$6,500.00
<b>Eileen Peacock</b> Business Administration	"Investigation of the Accounting for and Management of Information Technology"	\$6,500.00
<b>Subbaiah Perla</b> Mathematical Sciences	"Robustness of the Capability Indices: Some Studies in Quality Improvement"	\$6,500.00

## FELLOWSHIP AWARDS

Name	Title	Amount
<b>J. Barry Turett</b> Mathematical Sciences	"Shapes of Spheres in Infinite-Dimensional Spaces"	\$6,500.00
<b>Geoffrey Wawro</b> History	"Austria-Hungary's Struggle for Survival: The First World War in Russia, Italy and the Balkans"	\$6,500.00
<b>Martha Zingo</b> Political Science	"Legal Implications of Marriage Incentive Programs for Single Mothers: Recent AFDC Reforms in Wisconsin and New Jersey"	\$6,500.00

## RESEARCH GRANTS

<b>David Daniels</b> Music, Theatre & Dance	"Orchestral Music Bibliography"	\$ 935.00
<b>Laurie Eisenhower</b> Music, Theatre & Dance	"Rites and Passages"	\$1,000.00
<b>Robert Goldstein</b> Political Science	"Burning the Flag: 100 Years of the American Flag Desecration Controversy, 1890-1992"	\$ 800.00
<b>Asish Nag</b> Biology	"Differentiation of Myofibrils in Cardiac Muscle Cells"	\$1,000.00
<b>Daniel Ring</b> Kresge Library	"Outpost of New England Culture: The Ladies Library Association of Kalamazoo, MI"	\$ 505.00

## SPECIAL PROJECT AWARDS

<b>Lettie Beckon Alston</b> Music, Theatre, & Dance	"The Eleventh Hour"	\$ 650.00
<b>Ronald Swartz</b> Human Dev/Child Studies	"Dr. Thomas Szasz Lecture"	\$1,000.00

## MEADOW BROOK RESEARCH CONFERENCE GRANTS

Name	Title	Amount
Beverly Berger/ David Garfinkle Physics	"Third Midwest Relativity Meeting"	\$3,000.00
Subbaiah Perla Mathematical Science	"Conference on Industrial Statistics and Quality Improvement"	\$3,000.00

## ALUMNI CONFERENCE AWARD

Subbaiah Perla Mathematical Science	"Conference on Industrial Statistics and Quality Improvement"	\$3,000.00
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## INTERDISCIPLINARY AWARDS

Sheldon Gordon Biology Abraham Liboff Physics	"Electromagnetic Effects on Wound Healing"	\$7,000.00
Barry S. Winkler Eye Research Institute Tadeusz Malinski Chemistry	"Detection and Functional Consequences of Nitric Oxide in Retina"	\$13,000.00

## SPECIAL FELLOWSHIP AWARDS

Floyd G. Willoughby Management William A. Macauley Political Science	"A Multi-Phase Study of Retention at Oakland University"	\$6,488.50
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## UNDERGRADUATE STUDENT RESEARCH GRANTS

Name	Title	Amount
Michael Burkley Biology	"Characterization of Aromatic Hydrocarbon Receptor from Breast Cancer Cells"	\$ 300.00
Timothy Hale Biology	"Histologic Localization of <u>Brugia malayi</u> Antigenic Proteins Myosin, Paramyosin, Collagen, and HSP-70 Using Antisera to Recombinant Proteins and Fluorescent Antibody Staining"	\$ 300.00
Kimberly Robichaud Biology	"The Effects of Angiotensin II on Endothelium and Vascular Smooth Muscle"	\$ 300.00

## GRADUATE STUDENT RESEARCH GRANTS

Donald Green Biology	"Lymphatic Filariasis: Immunological Responses to Putative Recombinant Vaccines"	\$ 500.00
Widmann Hoerauf Biology	"Development and Infectivity of cultured <u>Brugia malayi</u> Third-Stage Larvae"	\$ 500.00
Janet Plzak History	"Post-War Industrial Development in Hong Kong"	\$ 500.00
Wojciech Szermer Systems Engineering	"Dynamic Mutation Testing of Computer Programs"	\$ 500.00