

**Congratulations to the Students and Faculty Recipients of the  
2003 Summer Research Stipend Awards**

**MAY YOUR RESEARCH BE REWARDING IN EVERY WAY**

**Art**

*A Research and Practicum Experience in Exhibition Design*

Student: Tamar Harris

Faculty : Lisa Pearce

*Art and the Viewer as Beholder*

Student: Katherine Weaver

Faculty : Beth Mulvaney

**Biology/Health Sciences**

*A Study of Exotic and Invasive Plants on the Meredith College Campus*

Student: Audrey Bales

Faculty : Janice Swab

*Comparision of Water Quality Parameters of the Neuse River, Wake County, North Carolina, USA and the Tapi River, Surat District, India*

Student: Shahin Barodawala

Faculty : Francie Cuffney

*Relationships of Invertebrate Communities to Water Quality Parameters of Two Local Aquatic Systems*

Student: Khisha Bullock

Faculty : Francie Cuffney

*Salt Tolerance in the Brine Shrimp, Artemia Salina*

Student: Tsering Choekyi

Faculty: Robert Reid

*Comparative Analysis of Microcystins in Two Local Aquatic Systems*

Student: Alita Gholizadeh

Faculty: Elizabeth Wolfinger

*Water Quality Assessment in North Carolina*

Student: Allison Haigler

Faculty : Francie Cuffney

*Profiling of Toxic Effects, p450s and Gene Expression in Multiple Tissues Following Conazole Exposures in Adult Male Rats*

Student: Christina Hogan

Faculty : Douglas Tully

*Scanning Electron Microscopy of Chemoreceptors on Selected Lepidoptercus Caterpillars (moths) over a Series of Larval Instars*

Student: Melanie Hoskins

Faculty : Larry Grimes

*Array Profiling for Multiple Cytokine Gene Expression during the Developmental Phase of Murine Schistosoma Mansoni Infections*

Student: Rebecca Ivey

Faculty : Elizabeth Wolfinger

*Array Profiling for Multiple Cytokine Gene Expression during the Developmental Phase of Murine Schistosoma Mansoni Infections*

Student: Meredith Parker

Faculty: John Mecham

*Effect of Inflammation on Airway Sensory Nerve Remodeling*

Student: Satina Smith

Faculty : Allen McAlexander

*Comparative Analysis of Microcystins in Two Local Aquatic Systems*

Student: Sinnikka Smith

Faculty : Elizabeth Wolfinger

*Adapting a DNA Sequencing Protocol for Research and the Biotechnology Lab*

Student: Meredith Brook Stone

Faculty : Elizabeth Wolfinger

### **School of Business**

*The Effect of Mothers' Work Status on the Medical Care Use of Children*

Student: Rachel Jordan

Faculty : Anne York

### **Chemistry/Physics/Geoscience**

*Crystal Growth and the Crystalline Structure of Matter*

Student: Margaret E. Duncan

Faculty : Bill Schmidt

*Molecular Modeling of Copper and Zinc Complexes*

Student: Charlotte Fetterman

Faculty : Reginald Shiflett

### **Health/Physical Education/Dance**

*The Effects of Pacing on Substrate Utilization and Performance in Trained Cyclists*

Student: Jessica Tolbert

Faculty : Chris Eschbach

### **History/Politics**

*Is Masculinity Obsolete?*

Student: Tricia Johnson

Faculty : Clyde Frazier

### **Human Environmental Sciences**

*Development and Validation of an Instrument to Assess Nutritional Risk Factors and Early Stages of Lipodystrophy*

Student: Ann Winterton

Faculty : Susan Fisher

### **Math/Computer Science**

*Robots in Class*

Student: Rebecca Fosdick

Faculty : Barrett Koster

*Building a Web Crawler to Collect Random Samples of Web Pages*

Student: Bonnie Newman

Faculty : Mark Rosso

### **Psychology**

*Longitudinal Leadership Study*

Student: Lisa Hahne

Faculty : Cynthia Edwards

*Longitudinal Leadership Study*

Student: Charlotte Rose Hartfield

Faculty : Cindy Edwards