



## **WE NEED YOUR CONTRIBUTIONS TO HELP US UPGRADE OUR LABORATORIES**

### **THE EQUIPMENT WE NEED FOR OUR FOOD CHEMISTRY LABORATORY IS:**

**COLLOID MILL (1, \$20,000)**

**POLARIMETER (1, \$10,000)**

**VISCO-AMYLOGRAPH (1, \$40,000)**

**TEXTURE ANALYZER I (1, 27,000)**

**WATER ACTIVITY METERS (2, \$16,000)**

**KJELTEC DISTILLATION UNIT (1, \$10,000)**

**MICRO-KJELDAHL SYSTEM—MULTI-UNIT DIGESTER  
(1, \$8,000)**

**REFRIGERATED CENTRIFUGE, ROTORS, ADAPTERS  
(1, \$12,000)**

**AUTOMATIC MULTI-UNIT SOLVENT EXTRACTOR  
(1, \$50,000)**

**ROTARY EVAPORATOR WITH HIGH VAC PUMP  
AND MULTIVAP UNIT (1, \$25,000)**

**GEL AND PLATE SCANNING DENSITOMETER (1, \$10,000)**

**LYOPHILIZER WITH PURGE VALVE, TRAY DRYER  
AND SHELL FREEZER (1, \$35,000)**

### **THE EQUIPMENT WE NEED FOR OUR FOOD ANALYSIS LABORATORY IS:**

**VISCOMETERS (2, \$10,000)**

**MICROPLATE OPTICAL SYSTEM (1, \$45,000)  
(uv/vis, florescence, luminescence)**

**FOURIER TRANSFORM INFRARED SPECTROGRAPH (1, \$25,000)**

**GAS CHROMATOGRAPH (1, \$20,000)**

**HIGH PERFORMANCE LIQUID CHROMATOGRAPH (1, \$30,000)**

**DIFFERENTIAL SCANNING CALORIMETER (1. \$50,000)**

**ZETA POTENTIAL MEASURING SYSTEM (1, \$40,000)**

**PARTICLE SIZE ANALYZER (1, \$35,000)**

**WRITE A CHECK PAYABLE TO: RUTGERS FOUNDATION  
MAIL TO:  
DR. MUKUND KARWE  
DEPARTMENT OF FOOD SCIENCE  
SCHOOL OF ENVIRONMENTAL & BIOLOGICAL SCIENCES  
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY  
65 DUDLEY ROAD  
NEW BRUNSWICK, NJ 08901-8520**

**WE NEED TO RAISE \$518,000 BEFORE JUNE 30, 2009 TO SET UP THESE LABORATORIES FOR FUTURE FOOD SCIENCE STUDENTS  
IN OUR DEPARTMENT. WE APPRECIATE YOUR CONTRIBUTIONS IN ACCOMPLISHING THIS GOAL.**