Collaborative projects with business and industry can be a "win-win" for everyone. The business gets a needed product or service, the university gets a practical, real-world problem for faculty and students to tackle, and the region gets an economic boost.

Recently, the University has seen a significant increase in these collaborative relationships. In 2006 the University had one industrial research contract. In 2007, we had five contracts for a total of $293,711. This year we already have negotiated eight contracts worth over $500,000.

How do these collaborative projects come about? They often result from a contact made by a faculty member with a business or industrial partner. The faculty member may have consulted with the company or the company may have become aware of the faculty member’s research through publications, presentations, or web postings. Sometimes current or former students are the catalyst for a collaborative project. Another potential source for business and industry collaborative is the Rowan University Center for Innovation and Entrepreneurship.

The Center maintains a listing of potential collaborative partners. Contact Peter Jameson (4271) for more information or visit: http://www.rowan.edu/business/cie/

If you need more information about how to develop a collaborative project, you can contact Peggy Schoen or Leigh Botner at the Office of Government Grants and Sponsored Projects. They would be glad to guide you through the process of developing a contract.

- Jay Kuder

Staff

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Dear Poe the Wizard,
Where can I find information about funding opportunities?
-Lost in Glassboro

Click here to see my answer!
-Poe

Responsible conduct of research is a broad term that encompasses a range of research-related topics, including:
- Data Acquisition, Management, Sharing and Ownership
- Conflict of Interest and Commitment
- Human Subjects
- Animal Welfare
- Research Misconduct
- Publication Practices & Responsible Authorship
- Mentor / Trainee Responsibilities
- Peer Review
- Collaborative Science

Last year, the Senate Research committee reviewed Responsible Conduct of Research programs and passed a resolution supporting the development of such a program at Rowan. We have decided to use a web-based program sponsored by the Collaborative Institutional Training Initiative (CITI). The program’s training modules are available to both faculty and students and may be used research method classes.

Faculty who receive research awards beginning February 1, 2008 will be required to complete RCR training as a condition of their award.

To view the web-based program, visit the Rowan University Responsible Conduct of Research Web site.

Questions about RCR?
Contact S. Jay Kuder, kuder@rowan.edu

The All-knowing Wizard

Ron Butcher + $396,070
New Jersey Consortium for Middle School Teacher Preparation
Education Institute - USDOE

Eric Constans + $10,000
Interaction between Pediatric Occupants & Restraint Systems during Frontal Impacts
Mechanical
- Children’s Hospital of Philadelphia

Robert Hesketh + $20,000
Thermochromic Sensors Chemical Omega - Engineering

Francie Pagell + $3,200
Rebel U Mini Grant
Health & Excercise Science
- Lindsey Meyer Teen Institute

Paris von Lockette + $9,936
Microwave Plasma Treatment
Mechanical - Absecon Mills

Janet Caldwell + $146,000
New Jersey SSI Regional Center Mathematics - State of NJ/Rutgers

Harold Sahm + $49,000
Memorandum of Understanding: Professional Development in Sheltered English Instruction
Education Institute - NJDOE

Adrian Rusu + $20,000
FAA GUI Development Project
Computer Science - FAA

Kauser Jahan + $38,588
Heavy Metal Contamination of Highway Marking Beads
Civil & Environmental - NJDOT

Yusuf Mehta + $140,915
New Jersey Motorcycle Fatality Rates
Civil & Environmental - NDOT

OCTOBER

Brian Lefebvre + $301,384
Improved Yeast Catalysts for Ethanol Production from Lignocellulosic Biomass
Chemical - Altra Biofuels

Mariano Savelski + $30,000
Waste Minimization Alternatives in the Celecoxib Process
Chemical - Pfizer Inc.

Janet Cahill + $262,910
Child & Family Assessment Clinic Psychology - DYFS

Krishan Bhatia + $100,000
Biodiesel Home Heating Oil Blends Emissions Characterization Mechanical - NJDEP

NOVEMBER

Robert Krchnavek + $45,000
Columbia Center for Electron Transport in Molecular Nanostructures Electrical & Computer - Columbia U

Christine Saum + $20,000
eCourt Project
LAS - George Mason University

Jeffrey Hettinger +$17,707
Thin-Film Coatings on Polymers Physics & Astronomy - Wheaton Industries

Stephanie Farrell + $30,000
Applications of Asphaltene Absorbance Testing for FCC Catalyst and Feedstock Characterization Chemical - Sunoco

DECEMBER

Eric Clark + $244,028
Upward Bound Provost-US Department of Education

Peter Jansson + $35,000
Calorimetric Replication of BLP H-Ar-Sr Plasma Experiments Electrical & Computer Blacklight Power, Inc.

JANUARY

Ron Butcher + $396,070
New Jersey Consortium for Middle School Teacher Preparation
Education Institute - USDOE

Eric Constans + $10,000
Interaction between Pediatric Occupants & Restraint Systems during Frontal Impacts
Mechanical
- Children’s Hospital of Philadelphia

Robert Hesketh + $20,000
Thermochromic Sensors Chemical Omega - Engineering

Francie Pagell + $3,200
Rebel U Mini Grant
Health & Excercise Science
- Lindsey Meyer Teen Institute

Paris von Lockette + $9,936
Microwave Plasma Treatment
Mechanical - Absecon Mills

Janet Caldwell + $146,000
New Jersey SSI Regional Center Mathematics - State of NJ/Rutgers

Harold Sahm + $49,000
Memorandum of Understanding: Professional Development in Sheltered English Instruction
Education Institute - NJDOE

Adrian Rusu + $20,000
FAA GUI Development Project
Computer Science - FAA

Kauser Jahan + $38,588
Heavy Metal Contamination of Highway Marking Beads
Civil & Environmental - NJDOT

Yusuf Mehta + $140,915
New Jersey Motorcycle Fatality Rates
Civil & Environmental - NDOT
New Proposals

**OCTOBER**

Collaborative Research in Adaptive Intelligent Systems: Incremental and Nonstationary Learning from Unbalance Data  
Electrical & Computer - Robi Polikar - NSF

A Novel Method for Performance-Based Real-Time Characterization of Construction Materials  
Civil & Environmental - Yusuf Mehta - NSF

Heavy Metal Contamination of Highway Marking Beads  
Civil & Environmental - Kauser Jahan - NJDOT

Improved Yeast Catalysts for Ethanol Production from Lignocellulosic Biomass  
Chemical - Brian Lefebvre - Altra Biofuels

Faculty Directed Undergraduate Research in Mathematics at Rowan University  
Mathematics - Center for Undergraduate Research in Mathematics at Brigham Young University

**NOVEMBER**

Three Dimensional Solar Cells  
Chemical - Kevin Dahm - Helios Products

Thin-Film Coatings on Polymers  
Physics & Astronomy - Jeffrey Hettinger - Wheaton Industries

Materials World Network: Study of Lattice Dynamics and Phonon, Magnon and Electromagnon Interactions in Rare Earth Manganite Multiferroics  
Physics & Astronomy - Sam Lofland - NSF

Applications of Asphaltene Absorbance Testing for FCC Catalyst and Feedstock Characterization  
Chemical - Stephanie Farrell - Sunoco

eCourt Project  
LAS - Christine Saum - George Mason University

New Jersey Motorcycle Fatality Rates  
Civil & Environmental - Yusuf Mehta - NJDOT

Scholarships to Enhance the High-Tech Workforce of Southern NJ  
Civil & Environmental - Jess Everett - NSF

**DECEMBER (CONT.)**

Opening New Doors  
Center for Innovation & Entrepreneurship - Tom Bryant/Sarah Wilson - NCIIA

Botanically Accurate Replica Trees For Tropical Landscapes in Temperate Environments  
Center for Innovation & Entrepreneurship - Tom Bryant/Bob Wear - NCIIA

Video Modeling of Social Stories for Autistic Children  
Radio/TV/Film - Chandrasekhar Vallath - Ken Crest Productions

Gear-Up Partnership Grant  
Special Education - S. Jay Kuder - Cumberland County College

Thermochromic Sensors  
Chemical - Robert Hesketh - Omega Engineering

**JANUARY**

Rebel U Mini Grant  
Education - Francie Pagell - Lindsey Meyer Teen Institute

Warm Pavement Technology  
Engineering - Yusuf Mehta - NJDOT

Sooner Village - Global Engineers for a Developing World  
Engineering - Jess Everett - NSF (Prime is U. of Oklahoma)

FAA GUI Development Project  
Liberal Arts & Sciences - Adrian Rusu - FAA

Elements of Conceptual Change in Student Learning of Thermodynamics: A Preliminary Study  
Engineering - John Chen - NSF

Memorandum of Understanding: Professional Development in Sheltered English Instruction  
Liberal Arts & Sciences - Harold Sahm - NJDOE

College Summit on Underage Drinking  
Liberal Arts & Sciences - Pam Negro - NJABC

Intelligent Service-Oriented Communication  
Engineering - Gina Tang - Avaya

MRI/Acquisition of an Immersive Virtual Reality System for the South Jersey Tech Park at Rowan University  
Engineering - Shreekanth Mandayam - NSF

MRI - Acquisition of a WDXRF  
Liberal Arts & Sciences - Jeffrey Hettinger - NSF