



# The STAR Report

Spring 2001

Volume 3, No. 2

## Celebrating Success

### Recent Awards

#### College of Business

*Chase Manhattan Foundation's Housing and Neighborhood Development Program*

WPU Small Business Development Center

**\$5,000.00**

To support services to individuals and businesses in Paterson and neighboring communities.

#### College of Business

*The City of Paterson's Urban Enterprise Zone*

WPU Small Business Development Center

**\$100,000.00**

Support for services to individuals and businesses in Paterson.

#### Connie Bareford

*Health Resources and Service Administration, Bureau of Health Related Professions*

Education Nursing Traineeship Program

**\$36,800.00**

For full and partial scholarships, books and travel expenses for graduate nursing students so that they can complete their degree requirements with less dependence on working for their tuition.

#### Edward Boardman

*New Jersey Department of Education*

Provisional Teacher Program, FY 2001

**\$96,648.00**

The State of New Jersey's Provisional Teacher Program provides an alternate route for post-baccalaureate adults to become teachers by providing them with the ability to obtain their pedagogical training while working in a classroom.

#### Michael Chirichello

*U.S. Department of Education*

New Jersey Statewide Teacher Quality Enhancement Consortium, FY2001

**\$553,739**

See main story on page 1.

#### Prof. David Demsey

*New Jersey State Council on the Arts*

WPU Jazz Presenters, FY2001

**\$23,500.00**

See main story on page 2.

## Grant Awards and Contracts Received By WPUNJ

Successfully competing for a grant is an important validation of the work that lead up to the proposal, of the project that it defined, and of the people involved. The competition for all types of projects -- whether research, reform, service, curriculum development or equipment -- is very strong and will probably grow stronger, meaning that the quality of the proposal and the project must be virtually perfect to be selected.

Each year, about fifty proposals are delivered to funding agencies, foundation and corporations from the Office of Sponsored Programs, and about twenty of those receive funding. This issue of The STAR Report has been developed to announce awards we have received during the last year and to highlight and celebrate selected awards we have received during the last two years. These highlighted project include: the full range of types of projects and both grant awards and contracts.

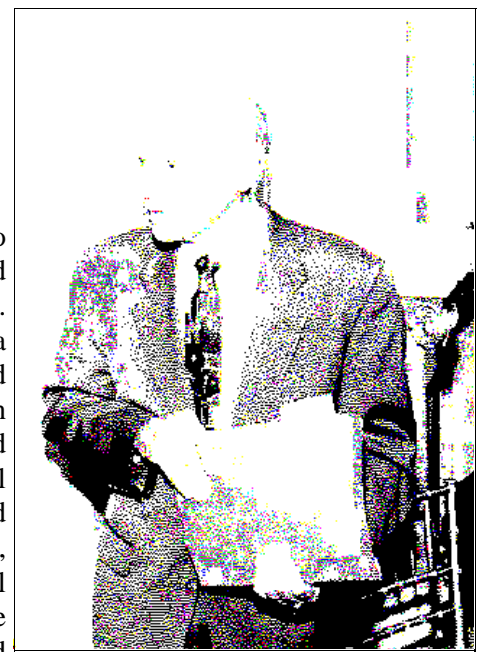
#### Dr. Michel Chirichello

*U.S. Department of Education*

New Jersey Statewide Teacher Quality Enhancement Consortium

**\$2,490,000 Million over Five Years**

The College of Education is working to change the way future teachers are prepared and new and veteran teachers are supported. Under the leadership of Dr. Chirichello, a former superintendent of Schools and Principal, the College is working in partnership with the College of Science and Health, the College of Humanities and Social Sciences and the College of Arts and Communication, the Paterson, Passaic, Garfield, Totowa and Lincoln Park school districts. The project is part of a statewide project based at Kean University and involving Rowan Universities and nine other local school districts.



Dr. Michael Chirichello

The "Partnership Grant's" activities include evaluating and changing both discipline

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Prof. David Demsey

specific courses and programs as well as pedagogical and field experiences for future teachers, the creation of professional development schools located in selected elementary and middle schools of our partner districts.

Dr. Chirichello is Chair of the Department of Educational Leadership.

**Prof. David Demsey**  
*New Jersey State Council on the Arts*  
**Jazz Room**  
 \$55,725 over Three Years

The Jazz Room has been receiving annual support from the NJSCA for many, many years. This year, they received a three year award that will provide annual support for the WPU

twelve-concert Jazz Room Series and six-concert Summer Festival with the pre-concert clinics and discussions that are attended by students and the general public. The concerts, featuring visiting world class jazz musicians, are considered to be the best cultural programming provided by the University, and are a critical part of the Jazz Program's superior international reputation.

Professor Demsey is Assistant Professor of Music and coordinator of the University's Jazz Studies program.

**Mr. Allen Williams**  
*U.S. Department of Justice*  
**COPS MORE 2000**  
 \$89,696

This grant follows a multi-year award from the Justice Department to introduce "community policing officers" to the University community. This grant will enable Campus Police to hire civilians to assume non-policing duties which have been carried out by sworn police officers in recent years. Activities such as supporting dispatch, staffing satellite offices, and processing reports will now be done by support staff.

Community policing is a new strategy that has been widely utilized to increase the visible presence of police officers in the community. Typically, officers on foot or bicycle patrol are encouraged to develop friendships with the people on their "beat" to more accurately understand the real needs of the neighborhood they serve.

Mr. Williams is Assistant Director of the University Police.



Mr. Allen Williams

**Dr. Nancy Einreinhofer**  
*New Jersey State Council on the Arts*  
*University Galleries, FY2001*  
**\$18,000.00**

Funding for the Galleries has helped support William Paterson University's changing art exhibition and lecture program in the University's four galleries. The exhibitions have been attended by, approximately, 8,000 residents from the surrounding counties, members of the campus community and high school students from five counties.

**Houston, William**  
*The Orchestra at WPUNJ Passaic County*  
*Cultural & Heritage Council*  
**\$4,115**

Funding for this proposal would help meet a portion of musician and chorus expenses for the Mae & Fletcher Fish Young Artist Competition concert and rehearsals help at WPUNJ.

**Laumbach, Dean**  
*Federal Bullet Proof Vest Program*  
*NJ Department of Law and Public Safety*  
**\$3,244.80**

Funding from the New Jersey Department of Law and Public Safety will provide WPUNJ police officers with bullet proof vests.

**Mr. Aubyn Lewis**  
*New Jersey Commission on Higher Education*  
*Pre-College Academy, FY2001*  
**\$100,000.00**

Provides a summer residential and academic year program educational and SAT preparation program for high school students from Abbott Districts, particularly Paterson, Passaic, Newark, East Orange and Irvington to better prepare them for college.

**Dr. Kevin Martus**  
*Research Corporation*  
*Cross Section Measurements of Electron Impact*  
*Induced Dissociative Excitation of Molecules*  
*That Lead to Ground State*  
*Neutral Fragments*  
**\$33,900.00**

This research will measure an important electron impact process and will lead to the development of an apparatus to probe, measure and record these fragments. Along with the new scientific apparatus, a database will be developed that may be of use to various industries as well as other researchers.

**Dr. Jaishri Menon**  
*National Science Foundation*  
*Minisymposium on Amphibian*  
*Metamorphosis*  
**\$2,000.00**

Traveling expenses will be paid for scientific experts enabling them to make presentations at the annual meeting of the Society for Integrative and Comparative Biology in Chicago.

**David Miller with Stephen Vail and**  
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**Gilbert Ndjatou**

*National Science Foundation  
Educational Materials Development:  
Mathematical and Computational  
Approaches to Molecular Biology*  
**\$74,699**

See main story on page 3.

**Prof. Nancy Norris-Bauer**

*New Jersey Historical Commission  
New Jersey History Day, FY2001*  
**\$10,000.00**

National History Day promotes the study of local history by middle and high school students by offering local, statewide and national historical research competitions. New Jersey National History Day, in its fourteenth year at WPUNJ, attracts hundreds of students with poster presentations that describe their activities and findings; "winners" then go to the national competition in Washington, DC.

**Dr. Richard Pardi**

*New Jersey Education Partnership for  
Sustainability  
WPU Campus Beautification*  
**\$3,000.00**

Provides membership in a statewide organization as well as funds for campus beautification and recycling activities.

**John Parras**

*New Jersey Council for the Humanities  
WPU 2001 Writers Conference*  
**\$1,000**

Provides funding for keynote speaker Judith Cofer Ortiz.

**Dr. Michael Sebetich**

*Bayer Corporation  
Biology Student Stipends*  
**\$6,000.00**

Provides stipends for two biology students to work with faculty on projects related to Oldham Pond, which was donated to the University by Bayer Corporation in 1998. The experience provides hands-on training and exposure to research.

**Stephen Vail**

*National Park Service  
Ticks and Tick-Borne Disease*  
**\$45,000.00**

This research project is designed to update and provide information on ticks and Lyme disease as well as provide a graduate assistantship and teaching assistantship.

**Allen Williams**

*U. S. Department of Justice  
COPS MORE 2000*  
**\$89,696**

See main story on page 2.

**Contracts****Su**

*Lucent Technologies/Star\*Core Design Center*

**Dr. Bogong Su**

**Dr. Bogong Su**

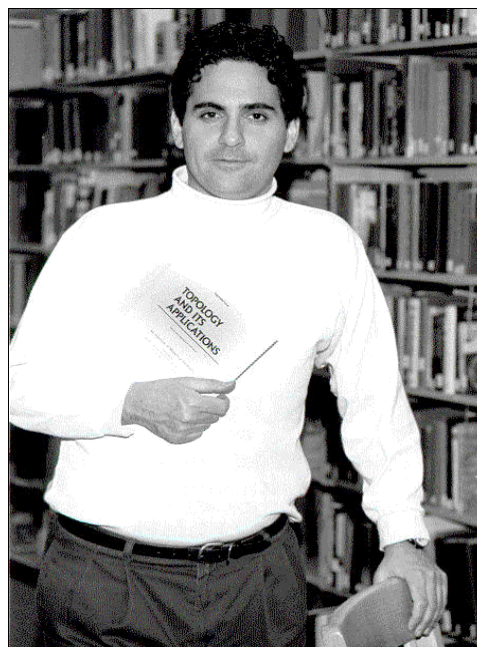
*Lucent Technologies/Star\*Core Design Center  
DSP & MPERL Research Project*  
**\$90,000 over Two Years**

Dr. Su and several undergraduate students are testing and evaluating new advanced compiler software for the telecommunication industry. This is a unique opportunity for William Paterson students to become involved in a real-life "research and development" project for a major manufacturer and industry leader. This type of experience leads directly to employment opportunities for the students while it enhances both the research capacity and infrastructure in the sponsoring department.

Dr. Su is Assistant Professor of Computer Science.



Dr. Bogong Su



Dr. David Miller

**Dr. David Miller with Dr. Stephen Vail and Dr. Gilbert Ndjatou**

*National Science Foundation*

**Educational Materials Development:  
Mathematical and Computational Approaches  
to Molecular Biology**  
**\$74,699**

The availability of "cutting edge" courses in the sciences are one of the factors that places programs in the College of Science and Health well ahead of other colleges in New Jersey. Building on Dr. Miller's studies in computational biology, this course provides students with a survey of mathematical and computational approaches to molecular biology. A positive assessment of the course will lead to a follow-up proposal to further develop and promote the course nationally.

Dr. Miller is an Associate Professor of Mathematics, Dr. Vail is an Associate Professor of Biology, and Dr. Ndjatou is an Associate Professor of Computer Science.

**Lucent Research Project, FY2001**  
**\$90,000**

See main story on this page.

**Prof. Frank Grippo**

*Rutgers Small Business Development Center Program  
WPU Small Business Development Center, FY2001*  
**\$93,420.00**

Through the WPU Small Business Development Center, the University provides training, advice and support to entrepreneurs interested in starting or expanding their own businesses through an office in downtown Paterson.

**Dr. Susan Kuveke**

*NJ Department of Education  
Passaic County Professional Development Activities Support  
Contract*  
**\$5,000.00**

WPU's College of Education is providing assistance to the New Jersey Department of Education's Passaic County Superintendent to administer funding and program activities to support teacher efforts to comply with new continuing education requirements.

### Newsletters, books and directories available to help obtain and manage grant awards through the OSP

The OSP subscribes to newsletters that provide information on funding opportunities, maintains a library of books and resources that support the grants process, CD-ROM and Internet-based databases for identifying funding opportunities, distributes email announcements of new funding opportunities, and supports a website with a variety of resources covering everything from finding funding opportunities to managing funded projects to complying with federal regulations.

### “Good Morning, this is the Office of Sponsored Programs. How may I help you?”

The OSP is a service oriented resource for the faculty and staff of the University. It provides access to programs, services and resources that support the grant process, from identifying funding opportunities and defining ideas through to putting a completed package in the mail and then helping finalize the contract and reporting on outcomes.

**Office:** 107 Raubinger Hall

**Hours:** Monday through Friday  
8:30-4:30

**Phone:** 973-720-2852

**Fax:** 973-720-3573

### OSP Reference and Research Services Expanded

The OSP now has a dedicated computer workstation ready for quickly access its CD-ROM and Internet-based databases as well as other resources and services available on the Internet. FC-Search, the Catalog of Federal Domestic Assistance, the Grant Resource Center's GrantSearch and Oryx Publication's Grant Select are easy-to-use tools that reduce searches to minutes. Each provides additional resources, from direct links to the agencies and programs included in its database to “how-to” manuals on how to write different kinds of proposals.

The workstation is also set-up to help in the preparation of slides for presentations. Working from virtually any file format, the Polaroid ProPalette 7000 will transfer each page to slide film. As we are still working-out “the bugs,”

### Workshops and Specialized Training call for details

- ⇒ **Grants Landscape** May 24, 2001
- ⇒ **Effectively Using the Internet in Developing and Writing Grants** April 26, 2001
- ⇒ **Writing Proposals for Service and Educational Programs** March 9, 2001
- ⇒ **Writing Proposals for Research Projects** April 20, 2001

### IRB Workshops for Faculty or Students

- ⇒ **By appointment through the OSP**

### Have you:

- Visited the OSP website yet?
- Submitted your application for Research and Scholarship Day 2001 on Thursday, April 5 in the Library?

### Go To

<http://www.wpunj.edu/sponprog/osphome.html>

**N O W !**

### Office of Sponsored Programs

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Nina Jemmott	Associate V. P. and Dean of Graduate Studies and Research
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