

Connections

A newsletter for the Rutgers-Newark community and neighbors

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Global Financial Market Center Opens

Higher Education's Economic Impact in Newark



More than 25,000 total students attend the four schools which comprise the Council for Higher Education in Newark.

Newark's four public institutions of higher learning,

which together spend several billions of dollars educating students, continue to fuel the city's renaissance, according to a recent report on the economic impact of higher education in the City of Newark, issued by The Council for Higher Education in Newark (CHEN). The report will be made public at a press conference at Rutgers-Newark in early December.

If the four schools that comprise CHEN Essex County College, New Jersey Institute of Technology, Rutgers University-Newark and the University of Medicine and Dentistry

of New Jersey were viewed as a business, they would be a \$1.1 billion corporation with more than 11,800 employees, \$480 million in payrolls and 26,000 students, the report says.

The schools propel the city's resurgence in many ways. They not only educate students, who soon join the workforce, but they also employ thousands of local residents. In Essex County, the four schools employ more people than the chemical, construction, and legal industries. In fact, higher education is one of the city's biggest industries and accounts for 9 percent of the city's jobs.

The \$1.1 billion spent by the schools on labor, materials and services has a ripple effect that benefits nearly every aspect of the state's economy. Last year, for instance, the schools' total spending of \$1.1 billion generated more than \$2.6 billion in spending. The economic impact study, commissioned by CHEN, was prepared by Richard W. Roper and the Roper Group. Amos Ilan, principal of A. Ilan Consulting, provided assistance and conducted the economic impact assessment of CHEN's spending pattern. A full copy of the report will be available on line at www.CHEN-NJ.org

Scientific Discovery at R-N

A Better way to Look at the Brain

By Michael Olohan

A new high-powered (3-Tesla) functional magnetic resonance imaging (fMRI) scanner that provides detailed pictures of specific areas of brain activity will enable Rutgers-Newark researchers to significantly advance neurological research, and better

Photos: Stephen Hanson



The scanner is being used for research on the brain and the specific areas involved in behavioral thinking.

One of only five such scanners being used nationwide, this fMRI scanner is housed at UMDNJ's main campus in Newark, and is jointly owned with Rutgers-Newark. The acquisition of the 3-Tesla fMRI was directed by Rutgers-Newark colleagues Stephen Hanson, associate professor and chair of psychology, and Benjamin Bly, assistant professor of psychology, and a member of the Department of Radiology at UMDNJ's New Jersey Medical School.

The new scanner has a field strength of 3 Tesla, doubling the highest strength of scanners available for clinical studies until recently. Approximately \$5 million in funding for the scanner was provided by the State of New Jersey Commission

on Science and Technology, the Ripple Foundation, Rutgers-Newark, and the UMDNJ-New Jersey Medical School Radiology Department.

"This scanner allows us to research the brain areas involved in behaviors and thinking," said Bly, who conducts research into the brain areas involved in language comprehension and conceptual thinking, specifically what brain areas are active during concept formation and reasoning. "This research may lead to novel theories of cognition and behavior as well as the ways they can be disrupted by injury or disease, to new diagnostic methods in neurology, psychiatry and neurosurgery, and perhaps new therapies for a variety of neurological and psychological conditions," Bly added.



Stephen Hanson and Benjamin Bly were on-hand for the delivery of the fMRI scanner last winter.

understand and develop potential treatments for brain injury and for devastating neurological diseases such as multiple sclerosis, Alzheimer's, and autism.

What's Happening ON AND AROUND CAMPUS

All events are open to the public and free, unless otherwise noted. Dates, times and programs subject to change.

EXHIBITIONS

Through Jan. 11, "New Jersey and the Post Millennial Book Arts," 4th Floor Gallery, Dana Library, 185 University Ave.



Images from "New Jersey and the Post Millennial Book Arts," an exhibit in Dana Library.

Through Jan. 6, "After the Fire," an exhibit of Pulitzer Prize-winning photos by *Star-Ledger* photographer and Rutgers alumnus Matt Rainey, Robeson Center Art Gallery, 350 Dr. MLK Jr. Blvd.

Jan. 15-March, "Ken Weathersby: Eleven Samples, Twenty Year Sequence," 4th Floor Gallery, Dana Library, 185 University Ave.

TALKS/LECTURES

Dec. 3, 6 pm, "Visual Memory and Reflection: An Evening with Dr. Douglas Greenberg, president and CEO, Survivors of the SHOAH Visual History Foundation." Billy Johnson Auditorium, The Newark Museum, 49 Washington St. Info: 973/353-1871.

Dec. 8, 11 am-1 pm, "After the Fire," lecture and presentation by Pulitzer Prize-winning *Star-Ledger* photographer Matt Rainey and writer Robin Gaby-Fisher. Robeson Art Gallery, 350 Dr. MLK Jr. Blvd. \$5. Info: Carla Capizzi, 973/353-5262.

Dec. 10, 11:30 am, "Violence and Impunity in the Andes: The School of the Americas." Speaker: Lesley Gill, professor of anthropology, American University. The Center for Law and Justice, Room 571, 123 Washington St.

Dec. 13, 4 pm, "Does Lying to Appear Unprejudiced Explain Why Bias is So Hard to Find..." Speaker: Lee Jussim, *continued on pg. 3*

SimMan Gives Nursing Students Training in Realistic Clinical Care

By Mike Rutkowski

The College of Nursing recently purchased SimMan™, a \$33,000 state-of-the-art patient simulator that teaches clinical symptoms and treatment modalities to nursing students. SimMan is the first computerized patient simulator available to nursing students in New Jersey. It authentically imitates human cardiac and respiratory functions, and demonstrates clinical problems like loss of blood pressure, and abnormal

heart or lung sounds. Use of these real life scenarios allows students to practice emergency management of clinical situations.

The scenario-based training needs of Advanced Cardiac Life Support are met through the patient simulator as well as advanced trauma modules depicting airway obstruction and traumatic injuries. Other skills that can be practiced with SimMan include catheterizations, intubations, injections, irrigations, and treatment of complex

Thomas Dongilli (second from left), product specialist at Laerdall Medical Corporation teaches (l-r) Nancy Delloiacono, Learning Resource Center coordinator, Deatrah DuBose, program coordinator, and Gloria McNeal, assistant professor, how to assemble the patient simulator.

wounds. With the instructor sitting at the computerized controls, the patient simulator can “respond” to the treatment administered by the nursing student.

If the student does not follow protocol, the simulator will demonstrate an adverse clinical outcome.

“It’s an excellent tool to build confidence in the students’ clinical abilities,” explained College of Nursing Professor Gloria McNeal. “The patient simulator provides a sense of security for the student while practicing treatments.”



Photo: Mike Rutkowski



ARE YOU READY FOR THE CHALLENGE?
We need your help!

Rutgers-Newark is hosting more than 40 high schools on Saturday, March 9, 2002, for the fourth annual Northern Regional Tournament of Academic Challenge. We are looking for judges, hosts, and proctors. If you a member of the Rutgers-Newark faculty or staff, or a graduate or friend of the campus, please mark your calendar and call Daisy Gonzalez for more information, 973/353-5262. Or visit www.challenge.rutgers.edu.

What's Happening ON AND AROUND CAMPUS from pg. 2

psychology, Rutgers-New Brunswick. Psychology Seminar Room 371, Smith Hall, 101 Warren St.

Dec. 13, 7-9 pm, Jazz Research Roundtable. Speaker: Lara Pellegrinelli. “The Song is Who?” Dana Room, Dana Library, 185 University Ave.

Dec. 19, “Democratization Through Peace: De-articulation of Israeli Politics and the Politicization of the Military.” Speaker: Lev Grinberg, professor of behavioral sciences, Ben Gurion University. Info: 973/353-5585.

Dec. 20, 2 pm, “Brain Networks and Learning in Parkinson’s Disease.” Speaker: David Eidelberg, North Shore LIJ Health System. Seminar Room, Aidekman Research Center, 197 University Ave. Info: 973/353-1080, ext. 3293.

Jan. 17, 2 pm, “Molecular and Cellular Mechanisms of Cognitive Function and Dysfunction.” Speaker: Alcino Jose Silva, UCLA Medical Center. Seminar Room, Aidekman Research Center, 197 University Ave. Info: 973/353-1080, ext. 3293.

Feb. 16, 2002, 9:30 am -3:30 pm, “Reinterpreting Black History in Public Space.” Speaker: Dr. Spenser Crew. The 22nd Annual Marion Thompson Wright Lecture in conjunction with Black History Month. Robeson Campus Center, 350 Dr. MLK Jr. Blvd

PERFORMING ARTS

Dec. 9, 3 pm, Holiday Music Program, Rutgers-Newark Chorus, St. Mary’s R. C. Church, 528 Dr. MLK Blvd. Info: 973-353-5119, ext. 28.

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dt ogilvie Named Associate Provost

dt ogilvie, associate professor of management, has been appointed associate provost for information technology strategy.

As chief information officer for the campus, ogilvie is leading campus-wide planning and implementation of initiatives in computing and information technology (IT) development. She is working with faculty and administrators to optimize state-of-the-art IT resources, coordinate campus involvement in RUNET 2000, and advance inter-institutional IT efforts with NJIT, UMDNJ, the Newark Museum, Newark Public Library, NJPAC, Science High/Newark, and University Heights Science Park. In addition, ogilvie is providing oversight and liaison to computing services, and supervising the Newark Teaching Excellence Center and interactive television operations.

Global Financial Market Center Opens

On Oct. 29, Rutgers Business School - Newark and New Brunswick opened its \$1.2 million Global Financial Market Center, a high-tech classroom in Ackerson Hall that is designed to simulate the trading and research environment found at the nation's leading brokerage houses. It is the only classroom of its kind in New Jersey and one of a handful in the country. The classroom features real-time data feeds from Wall Street and databases

Photo: Roy Gocething



The new Global Financial Market Center simulates the trading and research environments of the leading brokerage houses

containing extensive corporate financial data. With workstations for 40 students, the center will be used to teach undergraduate and graduate students in a variety of disciplines in addition to finance. The center was made possible by contributions from IDT Corporation, Sun Microsystems and individual donors.

Enrollment Up

Enrollment continues to grow at the Newark College of Arts and Sciences and University College, announced Steven Diner, dean of the Faculty of Arts and Sciences-Newark. Total undergraduate enrollment now stands at 5,873. Enrollment in Honors College is also up to more than 290 students.

According to Bruce Neimeyer, director of admission and enrollment, the upward trend can be partly attributed to the campus' growing focus on its urban

location. "Our urban environment coupled with our rigorous academic requirements is appealing to a growing segment of potential students," he explained. "In addition, our faculty and staff have also shown a great commitment to our campus, and to assisting students once they arrive. This has played an enormous role in growing our student population."

New Campus Information and Conference Services Offices,

now open on the first and second-floor lobbies of Robeson Campus Center, assist campus visitors, students, and callers with information about buildings, phone numbers, services, special events and other pertinent campus information. The centers are open Monday-Friday, 8:30 am-4:30 pm, and are staffed by trained Rutgers-Newark students. The staff can provide campus maps, NJ Transit schedules, and other Newark information.



Provost Norman Samuels and Dianne Hill, director, at the grand opening of the Campus information Center in Robeson Campus Center.

What's Happening

ON AND AROUND CAMPUS from pg. 3

Dec. 11, 7:30 pm, Holiday Music Program, Rutgers-Newark Chorus, St. Rose of Lima R. C. Church, 50 Short Hills Ave., Short Hills.
Info: 973/353-119, ext. 28.

Dec. 12, 2:30 pm, Holiday Music Program, Rutgers-Newark Chorus, Bradley Hall Lobby, 110 Warren St.

Dec. 16, 6-9 pm, "Michael Raphael's Jazz Hymns: A Performance by Kevin Maynor." The Priory, 233 West Market St.
Info: 973/353-1871. Sponsored by the Institute on Ethnicity, Culture, and the Modern Experience

ATHLETICS

MEN'S BASKETBALL

Home games played at the Golden Dome Athletic Center, 42 Warren St.

Dec. 1, 3 pm, New Jersey City
Dec. 5, 8 pm, Stockton
Dec. 8, 3 pm, Rowan
Dec. 10, 7 pm, SUNY Purchase
Dec. 12, 7 pm, York
Jan. 9, 8 pm, College of New Jersey
Jan. 16, 7:30 pm, Ramapo
Jan. 23, 8 pm, Kean
Jan. 30, 7:30 pm, Montclair State

WOMEN'S BASKETBALL

Home games played at the Golden Dome Athletic Center, 42 Warren St.

Dec. 1, 1 pm, New Jersey City
Dec. 5, 6 pm, Stockton
Dec. 8, 1 pm, Rowan
Jan. 9, 6 pm, College of New Jersey
Jan. 16, 5:30 pm, Ramapo
Jan. 21, 6 pm, Kings Point
Jan. 23, 6 pm, Kean
Jan. 30, 5:30 pm, Montclair State

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FOM Renamed Rutgers Business School-Newark and New Brunswick

By Dave Muha

The undergraduate and graduate business programs on Rutgers' Newark and New Brunswick campuses, which were merged administratively in 1997, now share a common name: Rutgers Business School-Newark and New Brunswick.

Under the resolution that was approved by Rutgers President Francis L. Lawrence and his cabinet, the new moniker replaces Faculty of Management as the name of the overall entity responsible for business programs offered on or through the University's campuses in Newark and New Brunswick. Additionally, the name is now reflected in each of the school's undergraduate and graduate programs as follows:

- **Rutgers Business School: Undergraduate-Newark** refers to the former School of Management.
- **Rutgers Business School: Undergraduate-New Brunswick** refers to the former School of Business-New Brunswick.

- **Rutgers Business School: Graduate Programs-Newark and New Brunswick** refers to the former Graduate School of Management.

"This means a great deal because there's a lot to a name," said Howard Tuckman, dean of the school. "While we have operated for the past four years as a unified entity, each of the individual programs retained its own name, which made it impossible for us to create a single identity for the school that was shared by the students, faculty and staff." The change in name does not affect academics or administration in any way. The dean's office remains on the Newark Campus.

Kudos

Frank Askin, Law School, received the Law School's Annual Alumni Award. Askin founded the law school's Constitutional Litigation Clinic, where he has been nationally prominent in cases involving first amendment rights, affirmative action, and grass roots advocacy.

The Rutgers University Libraries business guide to web resources, developed by **Ka-Neng Au** of the Dana Library, was a recipient of The Argus Clearinghouse's Digital Librarian's Award. It also received an excellent review in *Choice*, a publication of the American Library Association.

Al Blumrosen, Law School, received \$100,000 from the Ford Foundation to support his ongoing research on race and gender discrimination in major metropolitan employment markets.

Gyorgy Buzsaki, neuroscience, won the 2001 Krieg Cortical Discoverer Award, for "outstanding contributions" to scientific understanding of the cerebral cortex. The award was made by the Cajal



Gyorgy Buzsaki

Club at the annual American Association of Anatomists. Buzsaki received the award for his groundbreaking research that has advanced the understanding of the structures and functions of hippocampal cells and local interneurons.



Ron Chen

Ron Chen, associate dean of the Law School, received the Asian Pacific American Lawyers Association of New Jersey's Achievement Award for his work at the law school as well as for such organizations as the ACLU.

Geri Dickson, College of Nursing, was awarded a \$50,000 grant by the Robert Wood Johnson Foundation for the New Jersey Colleagues in Caring.

Mary Haack, College of Nursing, was awarded \$49,824 by the Robert Wood Johnson Foundation for "Defining the Role of Nursing in the Proposed Newark Family Drug Treatment Court."

Robert Holmes, Law School, received a \$300,000 grant from the U.S. Department of Education for the Community Law Project. The grant will enable the center to provide legal counsel to nonprofit organizations that are participating in NJIT's Enterprise Development Center.

Jeffrey Kidder, education and academic foundations, was awarded a three-year, \$300,000 grant from The Coca-Cola Foundation. The money will support the campus's Project MOST program, which provides tutoring and science enrichment activities for Newark middle-school students on the R-N campus.

Ray Koslowski, political science, was elected chair of the Ethnicity, Nationalism and Migration section of the International Studies Association.

Asela Laguna-Diaz, classical and modern languages and literatures is the 2001 recipient of the Paul Robeson Faculty Award. The award honors her exceptional

contribution to student life on campus, leadership and service to the Rutgers community.

Judith Pollachek, College of Nursing, received a four-year Hope VI Grant for \$88,566 from the Newark Housing Authority to provide community health education, parenting skills seminars, immunizations and health fairs to the residents of the Stella Wright Housing Project. Pollachek, director of Elizabeth Port Community Health Center, also received a County Services Block Grant from Union County for \$40,658.

The Rutgers Institute on Ethnicity, Culture and the Modern Experience, directed by **Clement A. Price**, received a \$100,000, two-year grant from The Healthcare Foundation of New Jersey for a new program, "City Children and Their Cultures, A Focus on Health."

The Rutgers-Newark Alumni Association was honored with the William P. Garrison (RC '10) Award for the greatest increase in annual membership of the university's 19 alumni associations. The RNAA's membership increased 14.2% over the previous year.

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What's Happening ON AND AROUND CAMPUS from pg. 4

MEN'S VOLLEYBALL

Home contests played at the Golden Dome Athletic Center, 42 Warren St.

Jan. 12, 7 pm, Sacred Heart

Jan. 25, 7 pm, Loyola-Chicago

Jan. 26, 7 pm, Ball State

What's Happening AROUND TOWN

Check out these websites for a look at Newark's vibrant arts and entertainment scene.

Newark Downtown

973/733-9333 Fax: 973/733-9339

www.downtownnewark.com offers a comprehensive listing of art, cultural and entertainment opportunities throughout the city.

The Newark Museum

973-596-6550 www.newarkmuseum.org

New Jersey Performing Arts Center

888-GO-NJPAC www.njpac.org

New Jersey Symphony Orchestra

973-624-3713 www.njsymphony.org

The Newark Public Library

973-733-7784 www.npl.org



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Making a Difference in the Global Community

Rutgers-Newark Grad Shares her Experiences in the Peace Corps

By Halona Black, NCAS, '99

It is amazing how much my life has changed since graduating from NCAS in 1999. After working at an entry level position at CBS News in New York City, I decided to follow my dream in finding a long-term international job to learn new languages and cultures. I found that opportunity with the Peace Corps. I did not join to save the world--I saw it as an opportunity to be exposed to different ways of life and to pursue my interest in international journalism.

Two plant science courses I took at Rutgers, and past volunteer experience as an ESL teacher, qualified me to be an environmental protection volunteer in the West African country of Togo. I live in Wassarabo in Togo's central region. This small Cotokoli village of about 2,000 is a little over 30 miles from the nearest water tap, with unreliable electricity and phone service. While most villagers live in mud and thatch huts, I am fortunate to reside in a three-room apartment compound made of cement, with a tin roof, that is for teachers. However, these "lavish" accommodations have not prevented occasional run-ins with snakes, vampire bats, and scorpions (I've been stung twice!).

I am teaching women and children the benefits of making family gardens and planting soy beans to ameliorate their overworked soil and add a cheap alternative protein source to their diet. But my work involves more than environmental projects. The most fulfilling work I do is promoting education for girls. It is heartbreaking to see how dire poverty, colonialism and sexism have left girls and women with few opportunities. So I assist a volunteer organization of 10 Togolese women who seek out motivated girls in all grade levels, to help them pursue scholarship. We hold seminars with their parents to discuss ways to encourage them to continue through high school. Our most successful event was a girls' empowerment program which drew 300 girls. We discussed establishing goals, careers, sexual health issues, women's rights, and health problems caused by female genital mutilation.

I have completed more than half of my two years of service, and this has been the most trying and exciting time of my life. This is the first time I have stepped out into the world, alone, as an adult. Drawing on experiences in dealing with Rutgers-Newark's diverse student body

has helped me. At Rutgers, I met many people from different countries who were living alone in the U.S., who needed help writing papers, or just wanted a sympathetic ear. Other students were single moms and dads, attending classes while working full-time. Many were also the first in their family to go to college. But all were there to pursue a quality education and a better life. This determination to succeed against difficult odds inspired me to go to West Africa, to help other people empower themselves and change their lives.

Editors note: Halona Black re-connected with Rutgers-Newark via the campus website, www.rutgers-newark.rutgers.edu

KUDOS from pg. 5

Ben Sopranzetti, Rutgers Business School, received The Paul Nadler Teaching Award which is presented by the senior faculty to a junior faculty member. **Rosemary Luo** received the Junior Faculty Research Award.

Joanne Stevenson, College of Nursing, received a one-year, \$128,455 Advanced Education Nursing Traineeship grant for masters and doctoral students at the College of Nursing.

Olga Wagenheim, history, was named an "Outstanding Educator" by Aspira of New Jersey.

Carolyn Yocom, College of Nursing, received a three-year, \$524,423 Advanced Education Nursing Grant for the College of Nursing's master's program from Bureau of Health Professions.

KEEP CONNECTED

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