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SPRING/SUMMER 2008

HORIZONS

THE MAGAZINE OF NOVA SOUTHEASTERN UNIVERSITY

*Nursing: A New
Heartbeat for NSU*



ALSO INSIDE: *Society's Problems Find Solutions Here • Theory Meets Practice at Huizenga School*



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CORRECTION

In the fall 2007 issue of *Horizons*, in the article "OC Researchers Study Coral Reef Recovery After Removal of Waste Tire Impact," Robin Sherman, Ph.D., was incorrectly listed as a professor at the Franklin College of Arts and Sciences at the University of Georgia. Sherman is an associate professor and assistant director of Math, Science, and Technology at the Farquhar College of Arts and Sciences at Nova Southeastern University.



To the Friends and Family of NSU:

As you may know, Nova Southeastern University takes special pride in its success in preparing students for the real world. Students learn within a collaborative framework incorporating other departments and outside organizations. They have the latest hands-on tools plus direct access to outstanding professors, 85 percent of whom hold doctoral or terminal degrees in their fields. Many of the professors are also practicing professionals and, therefore, capable of combining theory and practice.

Preparation for the real world at NSU's Health Professions Division, for example, involves enabling nursing students to help underserved areas throughout Florida, offering these communities health screenings and other services. Our fast-growing, five-year-old nursing program is producing students who, in the last three years, have done very well on the national licensing exam, ranking NSU among the top two of Florida's 20 university nursing programs. You can read more about the history and future of this wonderful program in this issue of *Horizons*.

Similarly, *Horizons* also reports on the Huizenga School of Business and Entrepreneurship's hands-on approach, which includes a liberal use of case studies; role-playing; real-world, problem-solving exercises; and exposure to the thinking of important business leaders. Another practical, applicable learning component is our "workplace laboratory," which gives graduate students who have already launched careers a bigger bang for their education buck. A related piece in this issue describes The Cereal Bowl, an innovative breakfast restaurant concept launched by twins Kenneth and Josh Rader, both recent Huizenga School graduates, and their childhood pal.

With regard to faculty achievement, this issue of *Horizons* features the solution-driven research of some of the brilliant professors of NSU's Center for Psychological Studies. Recently, the center earned a high national ranking for its research productivity. Featured professors include Lenore Walker, groundbreaking expert on the Battered Wife Syndrome, and Nathan Azrin, inventor of the popular "time-out" methods of disciplining children. Walker and Azrin, as well as their peers, push the frontiers of scientific thought in clinical psychology, while providing daily inspiration to their students.

As the world changes, we at NSU change along with it, identifying new curricula and evaluating existing ones to ensure continued relevance. We wish to give our students an education that will prove to be valuable as they meet society's challenges, and their own, head-on.

Ray Ferrero, Jr., J.D.
President, Nova Southeastern University

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academic notes

NEW BEGINNINGS FOR OUR TREASURED REEFS

Researchers at the National Coral Reef Institute (NCRI) at Nova Southeastern University are hoping to restore damaged coral reefs by growing new coral from larvae. This initiative, which began in May of 2007, is seen as “critical to the conservation of our oceans’ reefs,” according to Richard Dodge, Ph.D., executive director of the NCRI and dean of the NSU Oceanographic Center.

Coral reef ecosystems are economically, biologically, and culturally valuable. There is evidence that many coral reefs are deteriorating rapidly worldwide, and practical solutions to restoring and reinvigorating coral reefs are needed. This research aims to develop one of the tools in the manager’s toolbox to help address critical issues.

The process began with NCRI researcher Alison Moulding, Ph.D., collecting colonies of the mustard hill coral *Porites astreoides* from a reef off Fort Lauderdale’s coast a few days prior

to the larval release that occurs with a new moon. Over 100 juvenile mustard hill corals were successfully settled and are kept in indoor aquaria at the NSU Oceanographic Center. They will then be relocated to an outdoor coral husbandry system after a grow-out period. If the corals successfully grow large enough in the outdoor system, they will be transplanted to damaged reefs. This process will take several years since the corals usually grow less than one centimeter per year.

“This outstanding research is consistent with NCRI’s mission of providing management-related research output on assessment, monitoring, and especially restoration of coral reefs,” said Dodge. ■



NCRI researcher Alison Moulding, Ph.D.



PHOTO BY
LAURA GESELBRACH

INTERNATIONAL CORAL REEF SYMPOSIUM

Nova Southeastern University’s (NSU) National Coral Reef Institute is proud to chair the organizing committee of the 11th International Coral Reef Symposium (ICRS).

The ICRS will take place July 7 through 11 in Fort Lauderdale, Florida. The event is the largest and most prestigious gathering of coral reef scientists and government natural resource managers from around the world. Held every four years, the week-long gathering attracts an international array of coral reef scientists, governments, and nongovernmental organizations to exchange information on research, management, and coral reef conservation. The last two symposia were held in the eastern Pacific—Bali and Okinawa. The ICRS has not been held in the continental United States for more than 30 years. It is expected that more than 2,500 experts from all over the globe will attend this year.

Drawing millions of visitors each year, Florida’s clear waters, pristine beaches, and coral reefs support a \$53 billion tourism industry and a \$14 billion marine industry. Recognizing the importance of healthy coastal habitats, NSU’s National Coral Reef Institute and the state of Florida have taken important steps to strengthen protection for coral reefs during the last five years. ■

Juvenile mustard hill corals at five weeks



academic notes

\$500,000 DONATED TO SCHOLARSHIPS FOR HIGH-ACHIEVING TRANSFER STUDENTS

Nova Southeastern University presented a gift last November in the amount of \$500,000 to the Broward Community College Foundation. Funds from the donation will establish scholarships for selected high-achieving students who complete their associate's degree at Broward Community College (BCC) and then transfer to NSU.

The gift, which sets the tone for a unique partnership between NSU and BCC, represents the commitment of Ray Ferrero, Jr., J.D., NSU president, to reduce students' financial obstacles associated with college tuition, making graduation from a four-year, private university more attainable.

"NSU strives to provide equal access to quality education for deserving students," said Ferrero.

The agreement, known as the NSU Transfer Scholarship Fund, will be matched dollar-for-dollar by Florida's Dr. Phillip Benjamin Matching Program—increasing the transfer scholarship fund to \$1 million. BCC's Office of Student Financial Services, which is responsible for administering the fund, will award scholarships annually, starting as early as mid-2008.

"This partnership opens the doors for approximately 50 BCC students graduating this spring who dream of obtaining a four-year college degree," said Larry Calderon, Ed.D., NSU's vice president for community and governmental affairs, who assisted in orchestrating the agreement. ■



From left: Jamie Manburg, Ed.D., NSU's Fischler School of Education and Human Services (FSEHS) dean of undergraduate teacher education; H. Wells Singleton, Ph.D., FSEHS dean and provost; Randolph A. Pohlman, Ph.D., H. Wayne Huizenga School of Business and Entrepreneurship dean; Ronald G. Assaf, NSU Board of Trustee chair; Lloyd Rhodes, Broward Community College Foundation chair; Ray Ferrero, Jr., J.D., NSU president; J. David Armstrong, Jr., Broward Community College president; Frederick Lippman, R.Ph., Ed.D., chancellor of NSU's Health Professions Division; Frank DePiano, Ph.D., NSU vice president for academic affairs; Stephanie Brown, Ph.D., NSU associate vice president of Student Financial Services and Registration; Don Rosenblum, Ph.D., Farquhar College of Arts and Sciences dean; Maria Dillard, M.A., NSU director of enrollment management; George L. Hanbury II, Ph.D., NSU executive vice president/COO

GRADUATE PROGRAM CATCHES THE INFORMATION TECHNOLOGY WAVE

The latest report released by the United States Department of Labor ranked eight occupations in Information Technology (IT) among the top 30

fastest-growing for the period 2006 to 2016. IT spans a diverse series of industries and businesses that promote a thriving job market despite a slowing economy.

To meet the demand for a growing skilled workforce that can effectively lead and implement IT-based business solutions, NSU's Graduate School of Computer and Information Sciences (GSCIS) introduced a master of science in information technology degree program in spring 2008.

This graduate program is designed to equip today's generation of IT working professionals with the skills and knowledge to manage the massive layers of technology in information systems and information security man-

agement. A particular advantage to students enrolled in this 36-credit hour graduate program is that it offers degree seekers

the flexibility to focus their learning options in five growing areas: software development, information system security, educational technology, information technology management, and information security management.

NSU is one of only two universities in the state designated as a National Center of Academic Excellence in Information Assurance Education by the U.S. National Security Agency and the Department of Homeland Security. The designation gives GSCIS graduates an edge in the

workforce by arming them with the certification to administer highly sensitive databases and infrastructures within both private businesses and government entities. ■



MASTER'S DEGREE PROGRAM RESPONDS TO MULTICULTURALISM IN THE CLASSROOM

Today's public school classroom is a reflection of our nation's melting pot. In 2000, the National Center for Education Statistics announced that state education systems were reporting population shifts in the number of minority students versus white students attending public K–12 schools. In fall 2003, Florida's



public schools reached a historic milestone when the number of minority students enrolled accounted for more than 51 percent of the population.

NSU's Fischler School of Education and Human Services (FSEHS) is answering the call of educators facing the impact our diverse society has on teaching. By establishing a master of science in instructional design and diversity education degree program, FSEHS aims to prepare a teacher workforce to relate to, and effectively educate, an increasingly diverse student population.

"We are now beginning to understand the instructional implications of multiculturalism in education," said Delores Smiley, Ed.D., dean of the Office of Community Education and Diversity Affairs at FSEHS. "If our educators are to succeed in establishing teaching methods that clearly meet the needs of our changing school demographics, we must establish and support diversity programs that result in the success of students in primary, secondary, and higher education."

The new master's degree program is designed for classroom teachers, principals, staff developers, instructional design specialists, and university professors. It develops cultural competence and organizational effectiveness skills. The curriculum provides opportunities for practitioners to experience and enhance diversity from engagement in a collaboratively designed field experience. ■

UNIVERSITY CENTER GETS THE BALL ROLLING FOR INTRAMURAL SPORTS

When the University Center (UC) opened in fall 2006, it gave NSU student-athletes and fans an arena and home court to call their own. But the UC has also given the university's recreational athletes a home, leading to a major rise in interest in the intramural sports program.

Intramural basketball, which used to hold games on outdoor courts or in the University School gym, completed its season on the UC practice courts this winter, with 50 teams and more than 400 participants—an increase of 51 percent compared to the season before the UC opened. The recent volleyball season, also housed at the UC, featured 24 teams and 260 participants, a 50 percent increase from the year before. New fields dedicated to intramurals have allowed outdoor sports to thrive as well. Last fall's intramural flag football season fielded 45 teams and nearly 600 players, up 30 percent from 2006.

This renewed enthusiasm for intramural sports from male and female students alike, along with faculty and staff members, has boosted the university's overall commitment to wellness and fitness.

"It's great to see the courts and fields filled with games every night," observed Tom Vitucci, NSU's director of campus recreation. "Intramurals are really adding to the student experience, and it helps bring the campus together. We get students from just about every area of the university coming together to compete and have fun." ■



around campus

GENEALOGICAL SOCIETY GIFTS PRIVATE COLLECTION TO NSU

Anthropologists claim that everyone on earth is a 40th cousin. That's another way of saying that any two people can find at least one common ancestor who has lived some time since the year 800 C.E. Broward County residents can now discover and uncover their family trees at the Alvin Sherman Library, Research, and Information Technology Center. Thanks to a 4,000-item collection recently donated by the Genealogical Society of Broward County, the Sherman Library has the building blocks of a genealogy resource center that can help patrons research their lineage.

The private collection consists of printed materials, periodical literature, and personally created pedigrees that will benefit library patrons of both entry-level and advanced genealogy skills. The genealogy collection provides an exceptional foundation that will augment the digitized holdings found in the Sherman Library's two primary genealogy databases, Ancestry Library and Heritage Quest Online. Unlike their Internet counterparts, the Sherman Library editions provide library patrons with free access to enhanced research capabilities and resources not available to the general public on the Web.

"This remarkable collection, along with the electronic research databases, the addition of a librarian dedicated to history and genealogy, and a variety of programs taking place as early as spring



(From left) Barbara DiPetrillo, past president of the Genealogical Society of Broward County, and Eve Savage, president of the Genealogical Society of Broward County, gifting a 4,000-item collection to Ray Ferrero, Jr., NSU president; Glenda Abbate, *Circle of Friends* president; and Harriett MacDougall, executive director for the Alvin Sherman Library, Research, and Information Technology Center

2008, will build the foundation for establishing the Sherman Library as South Florida's premier center for genealogy research," said Harriett MacDougall, executive director at the Sherman Library. ■

SHARKS BASEBALL TEAM PARTICIPATES IN MIRACLE LEAGUE WORLD SERIES

Becoming an active and involved citizen is an important part of the learning experience at Nova Southeastern University. Student community outreach stems from our medicine and dentistry programs and those studying law, education, and the social sciences. NSU's 16 athletic teams are no exception, volunteering throughout the year in an effort to give back to the South Florida community.

Recently, the NSU Sharks baseball team dedicated their time and skills to the Miracle League World Series Game. This event was the culmination of an eight-week season for the Miracle League All Stars, a team of children with special needs and disabilities who experience the joy of realizing their dream of playing organized baseball.

The game was held at the Miracle League Field in the Rose G. Price Park in Pembroke Pines. The city recently built the baseball/softball facility with extra-wide dugouts and a field made entirely of rubberized turf to accommodate the use of wheelchairs.

The entire Sharks baseball team and coaching staff were on-hand to give the Miracle League children assistance in batting, fielding, throwing, and running bases. After the game, the NSU players autographed their game uniforms and presented each Miracle League player with a jersey as a memento.

"Being a part of the Miracle League World Series was an honor for the NSU baseball team," said Mike Mominey, NSU director of athletics and head baseball coach. "Our players were impacted by the Miracle League All-Stars. The enjoyment that our student-athletes took away from the event was immeasurable." ■



Members of Sharks baseball team assist a member of the Miracle League around the bases.

HISTORY IN THE MAKING: TIME CAPSULE BURIED IN UNIVERSITY CENTER

As a history professor at NSU's Farquhar College of Arts and Sciences, Tim Dixon is dedicated to keeping the past alive. When he attended the groundbreaking of the University Center (UC) in April 2004, he recognized it as an important event for the university and wanted to officially document the moment. After nearly four years of planning, the UC's historical significance was acknowledged with the "burying" of the university's time capsule and the unveiling of NSU's Wall of History.

"The construction of the University Center was very historic for our university, providing a building to be at the core of the university community and a place for all of our different schools and students to meet," Dixon explained. "One way to celebrate it is to have a time capsule into which the different schools were able to contribute something." A three-foot by three-foot metal box, the time capsule was

placed behind a wall in the north end of the University Center on February 23, 2008, at an unveiling ceremony during Homecoming. The time capsule contains current university materials, including

yearbooks, school catalogs, a Sharks license plate, athletics media guides, and a *Horizons* magazine.

The Wall of History includes a plaque; a timeline of NSU's history; and a chronometer that is counting down 50 years in years, days, hours, and minutes. At the unveiling ceremony—at which Board of Trustees members Ronald Assaf; Keith Brown; Nell Lewis, Ed.D.; Joseph Millsaps; Paul Sallarulo; Barry Silverman, M.D.; and J. Kenneth Tate were in attendance—the chronometer's countdown was initiated by George Hanbury, Ph.D., NSU executive vice president/COO, and Brad Williams, Ed.D., dean of Student Affairs. The time capsule will be reopened exactly 50 years from the day of the unveiling, on February 23, 2058. ■



From left: George Hanbury, Ph.D., NSU executive vice president/COO, with Board of Trustees members Barry Silverman, M.D.; Paul Sallarulo; Nell Lewis, Ed.D.; Ronald Assaf; Kenneth Tate; and Joseph Millsaps at the unveiling of the Wall of History

BLACK BOX THEATER PLAYS A LEADING ROLE ON CAMPUS

The Black Box Theater has star power. Managed by the Farquhar College of Arts and Sciences, this theater offers performers, crews, and audiences the chance to share the enjoyment of outstanding live productions. Under the guidance of faculty members, students complete their academic requirements and refine their creative skills by participating in productions developed in this teaching laboratory that covers performing, directing, and technical skills development.

As with other black box facilities, NSU's theater is a large, square room with black walls and a flat floor. The seating is composed of loose chairs on platforms that can be easily moved or removed based on the artistic elements of a production. Supporting current and upcoming majors in the Farquhar College's theatre, dance, music, arts administration, and visual arts programs, the Black Box Theater is equipped with state-of-the-art sound and lighting capabilities, as well as fully-equipped scenery and costume shops. The venue's flexible configurations offer production teams the chance to work in traditional and unusual presentation styles.

"The university and the college have demonstrated a substantial commitment to the arts," said Don Rosenblum, Ph.D., dean of the Farquhar College of Arts and Sciences. "A major component of this commitment is supporting the development of new majors. Another is the development of the professional-quality facilities." Housed in the Performing and Visual Arts Wing of the University Center, the theater showcases a varied schedule of drama,



musicals, dance productions, and other events. Its intimate capacity puts every member of the audience in the thick of the performance. This venue enhances not only NSU's main campus but also the entire South Florida arts community.

For more information about the schedule of events at the Black Box Theater, visit www.undergrad.nova.edu/performingarts. ■

around campus

UNIVERSITY SCHOOL UNVEILS SITE PLANS ON THE HORIZON

There is a new chapter in University School's history that is taking shape right before our eyes. The master plan calls for ambitious construction projects that will ultimately create a new identity for University School.

Jerome Chermak, Ed.D., headmaster, is leading the move forward so that academics, athletics, and fine and performing arts merge to create a vibrant state-of-the-art school and pedestrian-friendly campus within the physical boundaries of Nova Southeastern University.

"This is a once-in-a-generation opportunity to remake our entire campus," said Chermak. "We will develop a sense of community and a spirit of collaboration and synergy among our divisions and departments that will take our programs to the next level."

The University School project is approximately 227,000 square feet of new construction and 91,500 square feet of renovated space and consists of seven major components. A modern cul-de-sac, surrounded by an island of landscaping architecture, the ellipse formation of each facility will be connected by covered walkways, providing students and faculty members with shelter from the elements. This outdoor site may be used for events and large gatherings.



Rendering of University School campus with all buildings completed

The master plan will be developed in three phases:

Phase 1

- a new Aquatics Center with a 50-meter pool and an attached dive well
- a new, 82,200-square-foot Lower School building featuring two levels of academic and office space complete with flexible classrooms, a state-of-the-art library/media center, art and music classrooms, a cafeteria, a computer lab, a media studio, a guidance suite, and administrative offices
- a new, 70,837-square-foot Fine and Performing Arts Center to house two levels of academic space for the music and arts departments of the Middle and Upper Schools, as well as a 750-seat auditorium

Phase 2

- a new, 22,000-square-foot Dining Commons addition to the existing Upper School Sonken Building with seating for up to 540 students, a faculty dining room, and a supporting kitchen
- renovation of the existing Upper School to include a new administration area, classrooms, computer labs, a media center, and science labs

Phase 3

- renovation of the existing Middle School Dauer Building to house a new library/media center
- addition to the existing Brown Sports Center of 39,000 square feet to house a new competition basketball or volleyball court, a fitness center, classrooms, a wrestling room, administrative areas, and varsity locker rooms ■



TOP: The new Fine and Performing Arts building
BOTTOM: Rendering of completed University School Lower School

ALVIN SHERMAN LIBRARY TAKES TO THE STAGE

Imagine an afternoon of theater and rich literature when the entertainment begins well before the first curtain call and lasts well beyond the final encore.

Thanks to the successful Family Fun Series, a partnership between the Alvin Sherman Library, Research, and Information Technology Center and the Broward Center for the Performing Arts, children's theater in Broward County has been staged in a whole new light.

The Family Fun Series was a seasonal sequence of live theater performances from November 2007 to May 2008. The plays, based on treasured children's stories such as *The Hungry Caterpillar*, *The Ugly Duckling*, and *Hansel and Gretel*, offered theatergoers of all ages the ability to read the books behind the plays.



Visitors to the Alvin Sherman Library Web site were able to click on the intended performance to view a list of children's books that coincided with the various plays featured at the Broward Center for the Performing Arts, the Parker Playhouse, and NSU's Rose and Alfred Miniaci Performing Arts Center. Additionally, there are book offerings about the subjects, authors, and playwrights.

The inaugural season has been a success among parents and children, and the ongoing partnership will continue to provide more selections for seasons to come.

Visit the Web site at www.nova.edu/library/familyfun for

more information on book selections. A new season is planned for fall 2008. ■



MSI TODDLERS, PRESCHOOLERS LEARN HOW TO GO GREEN

At the Mailman Segal Institute for Early Childhood Studies (MSI), a goal for children as young as age four is to appreciate the environment.

The center promotes this every morning by encouraging preschoolers to bring in items from home to learn to separate and recycle them. It is something parents say children can practice at home, while educators say it is a learning tool that empowers children to be responsible for the planet.

This curriculum component is so unique among preschools that it captured local media attention. MSI was the subject of a recent WSVN Channel 7 news segment that demonstrated how the center has integrated nature, science, and green principles into its curriculum for preschoolers. The result is that kids are learning some savvy "green" tips and putting them into practice in their communities.

"It illustrates to children at a young age how sensitive the earth is and what they can do to conserve the resources of our planet," said Roni Leiderman, Ph.D., dean of MSI. "By learning good habits early on, preschoolers will build a lifelong love of the planet that will carry on well into adulthood."

To view the news segment, visit www.wsvn.com, click on "Features," and select the segment titled "Going Green Early." ■

COLLEGE OF OSTEOPATHIC MEDICINE DOCTOR MAKES A DIFFERENCE

BY KEN MA

It's almost impossible for Robert Hasty to go anywhere within Nova Southeastern University's Health Professions Division (HPD) without a faculty or staff member or student stopping the affable doctor to say hello. Hasty, D.O., FACOI, is extremely popular, especially among his students, because of his expertise in internal medicine and his dedication to helping them succeed.

As he walks through the HPD Café, the well-dressed and bespectacled doctor preaches to his enthusiastic students about the *Three As* required to succeed in medicine: affability, availability, and ability.

At 34, Hasty's mastery of the *Three As* helped him become one of the youngest professors at NSU's College of Osteopathic Medicine (COM). During his short tenure, Hasty has started the COM Grand Rounds, a monthly lunch meeting during which physicians, other health care professionals, and professors from across South Florida talk about medical issues ranging from mental health to radiology. Hasty has also led NSU research on obesity and a popular, but problematic, blood thinner drug.

"Hasty is one of our most energetic and visionary faculty members," said Anthony J. Silvagni, D.O., Pharm.D., M.Sc., FACOFP, FAFPE, COM's dean. "He has a vast clinical knowledge and is readily available to help others."

Early Life

Hasty's meteoric rise in medicine began with "paper or plastic."

Growing up in a single-parent household of four children in Boca Raton, Hasty learned at an early age that he'd have to work hard to get ahead in life. Long before he entered the field of medicine, Hasty got a job at a place where "Shopping is a Pleasure"—Publix Super Market, Inc. At 14, he was hired as a bag boy, responsible for sacking groceries and offering a helping hand. He did it well, and was quickly promoted to stock boy.

While these were simple jobs, working for Florida's largest supermarket chain helped Hasty develop valuable people skills that he puts into practice as a physician. "My first job gave me insight to the thought process of different people," he said.

He continued working at Publix during his college years at the University of Miami. At 21, he left the company and was awarded 1,200 shares of company stock.

Discovering Medicine

As an undergraduate, Hasty wanted to prepare for a profession that would combine his passion for investigative work with his desire to help people. At first, he considered going into business. Then, he realized medicine would allow him to help more people than he could in the corporate world. "Medicine is a profession that puts you in intimate contact with people," Hasty said. "You see them at their best and at their worst."

The ambitious college student wanted to really prepare himself for medical school. So, he triple majored in biochemistry and molecular biology, chemistry, and biology. "I used to carry two backpacks because I had so many textbooks," said Hasty, who graduated with top grades.

Hasty also scored high on the Medical College Admission Test. With his test score and stellar grades at the University of Miami, Hasty had his choice of many medical schools. But, he selected NSU's College of Osteopathic Medicine after he met

the late Matthew Terry, D.O., COM's former dean.

Terry explained to Hasty how D.O.s (doctors of osteopathic medicine) are very compassionate and empathetic physicians. The former dean also mentioned how the profession was growing. Once an obscure medical discipline sometimes discriminated against, osteopathic medicine has become a mainstream practice and first choice among many incoming medical students.

"I think the public is recognizing the value of D.O.s," Hasty said.

NSU Medical School and Residency

As a medical student, Hasty enjoyed learning from an eclectic and engaging faculty. One of his former professors, Ken Johnson, D.O., FACOOG, an associate professor of obstetrics and gynecology, is now Hasty's colleague.

Part of Hasty's education at NSU's medical school included medical rotations at Broward General Hospital in Fort Lauderdale, Mount Sinai Medical Center in Miami Beach, and Lee Memorial Hospital in Fort Myers. After graduation, Hasty began a three-year medical residency at Mount Sinai. Shortly after, the young physician became the medical center's chief intern; two years later, he became the chief resident. In his third year, Hasty was honored as Resident of the Year for the entire Mount Sinai health care system.



Sarah Monte (M2); Ayanna Ahing (M2); Philip Adams (M2); Jennifer Alonso (M1); and Robert Hasty, D.O., FACOI

He attributes his success to hard work and his education at NSU's medical school.

During his residency, Hasty chose to specialize in internal medicine because it provided a unique perspective into medicine and more options than other medical disciplines. Internal medicine has 14 specialties including cardiology, pulmonology, and endocrinology. Hasty also felt internal medicine was very cognitive and cerebral.

"We investigate the causes of human diseases," he said.

Back to NSU's Medical School

After working at Lee Memorial Hospital following his residency, Hasty yearned to teach. When he saw an opening at his alma mater, he quickly applied for, received, and accepted, the position of assistant professor. Since then, he's been quite busy.

He and Gary Hill, D.O., COM professor and internal medicine physician, created an internal medicine residency program at Broward General, Broward County's largest hospital. Hasty sees patients and oversees NSU medical residents there. He also practices medicine at the NSU Health Care Centers. Hasty currently teaches up to four classes a semester, including courses in radiology, cardiology, and physical examinations.

"Being a medical school professor at NSU is personally and professionally gratifying," Hasty said. "As an alumnus, I can identify with NSU medical students. I truly appreciate the learner's perspective, and I understand their needs."

When he is not in the classroom or examination room, Hasty is busy writing about medical issues. He has published several articles and is often interviewed by media outlets that seek his expertise on a variety of public health issues. He has also given numerous lectures at the medical school and local hospitals on many topics including managed care and acid-base disorders.

"He brings energy to each and every project he's involved with," said David Gensure, NSU's director of continuing education. Gensure has worked with Hasty on several projects in recent years.

Research

Several of Hasty's projects include research. He is currently the principal investigator for the ROCKET-AF study, which aims to find a replacement for the blood thinner Coumadin. Currently,



Robert Hasty, D.O., FACOI, Assistant Professor of Internal Medicine at Nova Southeastern University College of Osteopathic Medicine, Diplomate of Internal Medicine, Program Director of Palmetto General Hospital Internal Medicine Residency

patients taking the drug, also known as warfarin, are experiencing many serious side effects. "Coumadin is a tricky medication to use, as other medications can react negatively with it, and blood tests must be checked on a routine basis," Hasty said of the drug, which is used to treat patients with an irregular heartbeat.

For the ROCKET-AF study, Johnson & Johnson pharmaceutical has chosen NSU's COM as a site for its Coumadin test trials. Hasty is investigating a possible replacement drug called rivaroxaban. "It has the potential to be a revolutionary new treatment for these patients," he said.

Hasty's other area of research is obesity, a topic on which he lectures across the country. His goal is to raise public awareness about the issue and to develop innovative medications that can reduce obesity. He's hoping to eventually get federal research dollars for his project. "Obesity is the public health challenge for my generation of academic physicians," he said. "We have 64 percent of the U.S. population overweight. The rates of diabetes and other obesity-related illnesses are skyrocketing as a result."

Whether it's through obesity research, teaching in the classroom, or working with patients, Hasty is making a big difference at NSU. "If the university had a most valuable player award, it would go to Hasty," Gensure said. ■

KEN MA IS NSU'S SENIOR PUBLIC RELATIONS COORDINATOR.

spotlight

DEAN HARBAUGH RESIGNS, PROFESSOR HARBAUGH ENTERS THE CLASSROOM

BY ALAN HANCOCK

Now in his 21st year, including the last 13 at Nova Southeastern University's Shepard Broad Law Center, Joseph Harbaugh has had one of the longest runs as a law school dean in the United States. But that run will come to an end when he steps down from his position on June 30.

"Twenty-one straight years as a law school dean had me as the longest continuous serving law dean in the United States. That was a title I did not want to hold," Harbaugh said. "It is something I've been considering for a few years, and it is clearly time."

Harbaugh became dean at NSU's law school in July 1995 after serving in the same capacity at the University of Richmond School of Law, in Virginia. A true innovator, he was determined to make NSU a legal education leader in the use of computer technology. The Law Center was subsequently twice named "the most wired law school in the nation" by *the National Jurist* magazine.

Under Harbaugh's leadership, the Law Center faculty and administration implemented an online version of the Alternative Admission Model Program for Legal Education (AAMPLE®). AAMPLE® offers determined individuals whose admission was denied based on traditional criteria an opportunity to earn a place in the law school classroom.

In response to the need for legal education across the professions, Harbaugh proposed, and the faculty approved, online master of science degree programs in health law, employment law, and education law. These programs are the only ones of their kind and are designed to educate non-lawyers on legal issues they encounter in the field. The evening law program at NSU was also initiated to meet the needs of working professionals.

Harbaugh also expanded the Law Center beyond U.S. borders, negotiating dual-degree partnerships with universities in Spain, Italy, and the Czech Republic, giving students the opportunity to become licensed in multiple jurisdictions so they can serve their clients in the global arena. Students enrolled in the dual-degree programs take classes at the Shepard Broad Law Center and at one of the universities in the program: the University of



Joseph Harbaugh, dean of the Shepard Broad Law Center

Barcelona in Spain; the Università Ca'Foscari di Venezia in Venice, Italy; Roma Tre in Rome, Italy; or Charles University in Prague, Czech Republic.

With the support of the Leo Goodwin Foundation, Inc., Harbaugh initiated the Leo Goodwin Sr. Chair in Law Symposium, annually bringing national and international distinguished legal scholars and political leaders to the Law Center. In the 11 years of the symposium, former president of Haiti Jean Bertrand Aristide; civil rights activist Anita Hill; and the Rev. Gene Robinson, the first openly gay bishop elected to the episcopate, have been among the visiting speakers to interact with students, faculty members, and alumni regarding forward-thinking topics.

Harbaugh was also involved in starting the Lawyering Skills and Values Program, designed to integrate legal theory with practice,

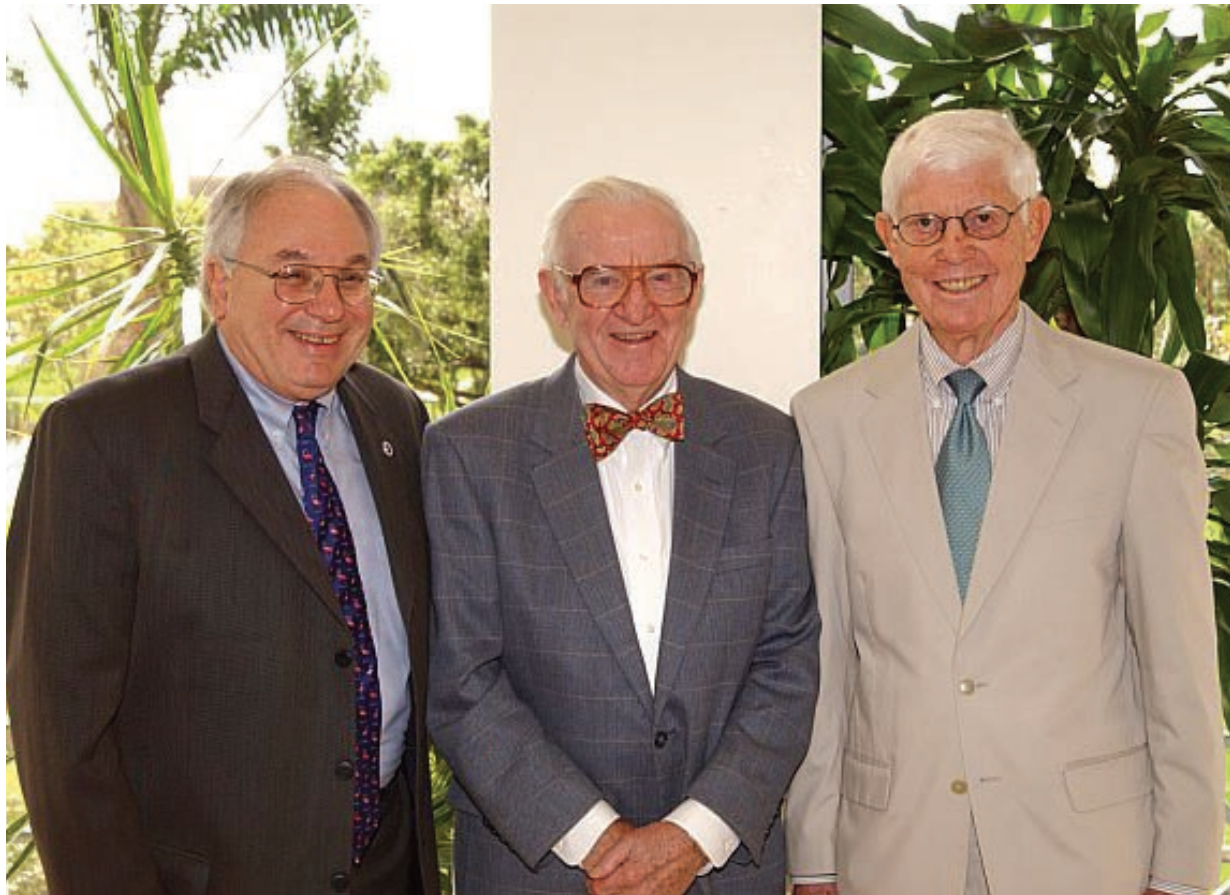
professionalism, and technology for students from the first day of law school. More recently, Harbaugh and the law faculty collaborated on the creation of the Critical Skills Program, which assists students in developing and mastering those skills central to success in law school, passing the bar, and practicing law.

“[Harbaugh] has been an innovator in American legal education,” said Bill Adams, associate dean for international, online, and graduate programs and a professor at the Law Center. “His early commitment to the use of technology and his promotion of the international and online educational programs were instrumental to the growth and advancement of the Law Center.”

Harbaugh has also served in a wide range of legal education leadership positions, including on the Association of American Law Schools (AALS) Executive Committee and the Council of the American Bar Association (ABA) Section on Legal Education and Admissions to the Bar; as chair of the Board of Directors of Access Group, Inc., legal education’s nonprofit student loan program; and for 17 years, as the AALS Representative in the ABA House of Delegates.

“Harbaugh has been one of the giants in legal education for the last 20 years,” said Richard A. Matasar, dean of New York Law School, former dean of the University of Florida Fredric G. Levin College of Law, and a member of the Executive Committee of the American Law Deans Association. “His leadership at NSU has been extraordinary. Those who have come to know him and the law school will miss his leadership greatly but look forward to observing the next phase of his career.”

A leader in the clinical education movement, Harbaugh is the co-author of a standard clinical text, *Interviewing, Counseling, and Negotiating: Skills for Effective Representation*, and a best-selling instructional CD, *The Fundamentals of Negotiation*.



Joseph Harbaugh, dean of the Shepard Broad Law Center (left), and John Anderson, distinguished visiting professor of law (right), welcomed U.S. Supreme Court Associate Justice John Paul Stevens to NSU in 2006.

As director of the Practicing Law Institute’s Negotiation Project, he has shared his negotiation expertise with lawyers, business people, and government officials and numbers among his clients half of the *National Law Journal*’s top 100 firms and dozens of Fortune 100 corporations.

Harbaugh has also previously served as a member of the law faculties at the University of Connecticut, as well as Duke, Temple, Georgetown, and American universities. After a year-long sabbatical, Harbaugh plans to return to NSU as a faculty member.

“I’m looking forward to going back to having the best title that can be bestowed on anyone in a university, and that is professor,” Harbaugh said.

“Dean Harbaugh is a friend and colleague and has been an important part of my administration,” said Ray Ferrero, Jr., J.D., NSU president. “He has brought many innovative programs to the Law Center, and he will be missed. On the other hand, I am happy he is returning to a faculty position. Future NSU law students will benefit from his teaching and mentoring.” ■

ALAN HANCOCK IS NSU’S ASSISTANT DIRECTOR OF PUBLIC AFFAIRS.

THEORY MEETS PRACTICE AT HUIZENGA SCHOOL

BY ALAN HANCOCK

It's a question that college students often hear as they near graduation: What are you going to do when you get out into the real world? But it's also a question that students at Nova Southeastern University's H. Wayne Huizenga School of Business and Entrepreneurship should be well prepared to answer, as the school prides itself on offering real-world experiences and applications to tomorrow's business leaders.

With a faculty that brings an extensive corporate resume to the classroom, numerous programs that give students access to actual business experiences and situations, and a curriculum that stresses both theory and practice, the Huizenga School is not just a place that teaches business—it's a place where business gets done.

"There are a couple of ways to teach subjects to students," said Randolph Pohlman,

Ph.D., Huizenga School dean. "One is to teach the theory and have students extrapolate the practice from that. Another way is to teach the practice and interweave the theory with it. It's very necessary to have an underpinning of theory, but it's equally important to have the practice piece. We think we can save students a lot of time and effort and prevent them from making a lot of mistakes in their business if they understand the application of theory to practice."

In the classroom, professors who have been, and often still are, involved with some of the biggest names in business can draw on their experiences to help in that application of theory to practice. Students can learn from Tom Tworoger's experience in building Kenworth Truck of South Florida or from the 20-year financial and operations career that Robert Sellani, D.B.A., had with technology-driven companies like Harris Computer Systems. Timothy McCarthy, Ph.D., brings his years as minister of health for The Bahamas to his

organizational behavior classes, and Nick Castaldo can relate his years as president of Pollo Tropical into his management classes.

"My goal is to create a classroom atmosphere of discussion and debate using case studies, role-playing, and real-world problem solving to get the student actively involved in the concept I am teaching," said Castaldo, who is still currently active in the restaurant business as president of Anthony's Coal Fired Pizza. "I have always benefited from talking with business



Wayne Huizenga (left) has been among the guest lecturers that Randolph Pohlman (right) has welcomed to the business school.

Nick Castaldo, professor, brings his experience as president of Anthony's Coal Fired Pizza into the classroom.



people who give me good advice. At this point in my career, I have a wealth of experience and advice. Now it's my turn to pass it on."

Case studies are another way the Huizenga School incorporates real business problems and solutions into the classroom. In marketing classes taught by James Barry, D.B.A., students create marketing plans for local corporations such as the Miami Dolphins and discuss case studies taken from Barry's 25-year career with Fortune 500 companies including GE and AT&T. "My corporate experience has provided a solid background of successes and failures that add to the credibility of marketing concepts covered in class," said Barry.

This past fall, eight teams of undergraduate students competed in a semester-long case study project from Target. NSU's business school was one of just two universities in Florida chosen for the Target Case Study Project, which was launched nationwide this fall.

In December, the teams—three from a marketing strategy class and five studying organizational behavior—presented their projects and analysis to executives from Target. The Target executives then chose the winning team and presented them with a \$3,000 scholarship to split.

"The experience was amazing because it brought real-life work experience into the classroom," said senior Robin Furman-ski, whose team won with a project titled "Design for All" that examined how Target can connect with multicultural shoppers. "We were not just learning from a book, but learning from executives and our professors."

For graduate students who have already started careers in business, or for those enrolled at corporate clusters (where classes are taught on-site at a company), the Huizenga School employs what it calls a "workplace laboratory." Students are encouraged to use the classroom as a place to experiment with current issues in their own businesses and careers, and course projects are designed to allow each student to relate each project to a matter in their own organization.

"The workplace laboratory has been very, very meaningful for our students," Pohlman explained. "It's helpful to their businesses because it allows them to gain insights into things in their businesses that maybe they didn't have insights into before."

But it's not just in the classroom—or laboratory—that Huizenga School students are applying learned theory to practice. For master's degree in business administration students planning to start careers, the Huizenga School's internship programs offer experiences with a wide range of corporations. Companies and

organizations, such as DHL, Royal Caribbean Cruises, Merrill Lynch, and the U.S. Department of Commerce, have all provided internship opportunities to Huizenga School students.

The school's International Field Seminar emphasizes the "world" in "real-world" education. As part of the program, 17 master's degree in international business administration students traveled to India in March. They spent a week in the capital city of Mumbai, studying at the KJ Somaiya Institute of Management Studies and Research and visiting local business organizations, such as a pharmaceutical company and the Bombay Stock Exchange.

"Immersion in an alternative national setting is an extremely powerful method of learning," said Ruth Clarke, Ph.D., who, as chair of the international business programs, has spearheaded 16 International Field Seminar trips.

Every Huizenga School student can learn from some of the most successful names in business through the school's Distinguished Lecture Series. Jack Welch, former General Electric CEO; Robert L. Johnson, Black Entertainment Television founder; and H. Wayne Huizenga, recipient of Ernst and Young's 2005 World Entrepreneur of the Year, have been among the speakers to take part in this lecture series. These events are designed to provide students with glimpses into the minds of successful and outstanding entrepreneurs and business leaders.

Because it enables students to put their learned theory into practice, the Huizenga School of Business and Entrepreneurship helps shape executives and entrepreneurs who shouldn't wonder what they will do when they enter "the real world." They've already been there and are prepared to take it on. ■

ALAN HANCOCK IS NSU'S ASSISTANT DIRECTOR OF PUBLIC AFFAIRS.



nursing department makes huge strides

IN SHORT TIME

BY KEN MA

Five years ago, Nova Southeastern University's Health Professions Division (HPD) launched its first nursing program to help meet the national shortage of nurses. With the support of Fred Lippman, R.Ph., Ed.D., HPD chancellor, the inaugural class of 45 students completed the R.N. (registered nurse) to B.S.N. (bachelor of science in nursing) curriculum. Since then, the NSU Nursing Department has grown exponentially.

Today, the department has 714 students enrolled in bachelor's, master's, and doctoral programs. As part of the curriculum, nursing students work in underserved areas throughout Florida, offering residents health screenings and other services. Due to diverse opportunities like this, the department has established its nursing program as one of the top in Florida.



“The department has exceeded all my expectations by achieving so much in such a short period of time,” said Diane Whitehead, R.N., B.S.N., M.S.N., Ed.D., associate dean of nursing. “NSU is producing quality nurses for the state. We hope to continue growing the program to meet the public’s health care needs.”

bachelor’s degree programs

NSU’s R.N. to B.S.N. program is designed to give students with associate’s degrees coursework to prepare them to practice in all health care settings, offering them more options to achieve their professional goals.

“B.S.N. nurses, according to research, help patients achieve better outcomes,” Whitehead said. “To advance in the field of nursing, you need at least a bachelor’s degree.”

The program quickly spread to NSU’s Student Educational Centers in Orlando and Fort Myers and became available online.

“The [R.N. to B.S.N.] curriculum is rigorous and detailed, which will prepare me well for my chosen career,” said nursing student Liz Funchess. “I chose NSU because I wanted excellence from my continuing education.”

In 2004, an entry-level baccalaureate program was added for students wanting to enter the nursing profession who have no nursing experience. Applicants must have completed 30 undergraduate credits of science, English, and humanities to qualify.

During the 27-month B.S.N. program, students receive both classroom and clinical education before they graduate with the required 121 credits. Upon graduation, they are required to take the National Licensure Examination for Registered Nurses, which they must pass in order to practice.

NSU’s last three graduating baccalaureate classes boasted an average passing score of 97.4 percent—the second-highest overall score among 20 Florida universities with nursing programs.

As further testament to the baccalaureate program’s success, Baptist Health South Florida has offered 80 scholarships for NSU entry-level nursing students. After graduation, the scholarship recipients will work at one of Baptist Health’s hospitals for three years.

“Nova Southeastern University provides cutting-edge knowledge as part of its curriculum,” said Kathryn Fisk, Baptist Health’s corporate vice president and chief human resources officer. “We’re proud to have these well-prepared students join our workforce.”

master’s degree programs

For nurses wishing to pursue careers as educators, executives, and other specialists, NSU created a master of science in nursing (M.S.N.) program in 2005.

The two-year program is open to registered nurses with R.N. licenses and bachelor’s degrees in any field. Students can specialize in the areas of nursing education, health systems leadership, or public and community health nursing.

Because the curriculum is offered online, those enrolled in the program have the opportunity to take classes taught by Whitehead and her distinguished faculty members from anywhere in the country.

“Students from across the country are enjoying the interaction and conveniences of participating in online education designed to meet the demands of busy, working nurses,” said

Patricia Dittman, R.N., M.S.N., Ph.D., CDE, graduate program director and assistant professor of nursing.

In 2007, another master's degree-level program was initiated to emphasize the importance of systems thinking in health care environments. Its creation was the result of a \$250,000 grant from Blue Cross Blue Shield of Florida to start a Health Systems Leadership track. This track incorporates the latest American Nurses Credentialing Centers' Magnet and the Joint Commission on the Accreditation of Healthcare Organizations requirements.

doctoral program

Those wishing to become nurse educators at the university level can matriculate in NSU's Ph.D. in Nursing Education program, launched in 2007. Like the master's degree program, the four-year doctoral program is offered only online.

Emphasizing nursing research and higher education leadership in nursing, the doctor of philosophy in nursing education program is designed for students who want to educate future nurses or further nursing education as nurse scientists.

One of the reasons why there is a shortage of nurses, Whitehead points out, is because of a critical shortage of professors and instructors who teach nursing students. An increase in nurse educators will prepare more nurses for the health care industry.

community outreach

NSU's nursing programs not only prepare students for health care careers, they also provide students with opportunities to make a difference in the community.

Since 2003, NSU nursing students have been involved in the annual Glades Rural Education Awareness and Community Health (REACH) Fair and the Hendry/Glades Community Health Fair.

The REACH Fair, a collaborative effort between HPD and other medical associations, is an interdisciplinary retreat focused on exposing students and faculty members to the practice of health care in rural areas. Nursing students, for example, have the chance to deliver health care services to the underserved migrant populations of Belle Glade, Clewiston, and the surrounding area. They also promote health education and disease prevention.

"The REACH Fair provides access to health care services to a population who otherwise would have no access to care," said Peggy Davis, R.N., M.S.N., M.A.Ed., NSU assistant professor of nursing. "The fair also gives young people exposure to careers in health care, especially nursing. It's a great benefit to the community."

Beyond the REACH Fair, nursing students have undertaken other community projects as part of the curriculum.

In the fall of 2007, NSU nursing students attended a two-day training seminar called Tobacco Prevention and Interventions. Following the forum, they visited local elementary schools and educated more than 1,000 sixth graders about the negative effects of tobacco. NSU student-nurses also collaborate with the Area Health and Education Centers in a statewide effort to reduce teenage smoking and tobacco use.

During each holiday season, the senior class organizes a special food drive for the Cooperative Feeding Program of Broward County. The food and donations come pouring in, making a huge difference for the local homeless population.

"One student even had the heart to make sandwiches and cookies with her family and distribute them on Christmas Eve at the Cooperative Feeding Center," said Mary Ellen Mitchell-

Rosén, R.N., M.S.N., assistant professor of nursing.

Some students volunteered their time teaching health classes at a Fort Lauderdale charter school located in an economically challenged area. They dedicated six hours a day, teaching students good nutrition and hygiene.

"I have wonderful students, faculty members, and a support staff who go the extra mile to make a difference in the community," Whitehead said.

The road ahead for the NSU Nursing Department looks bright because of support from top NSU and HPD administrators. Ray Ferrero, Jr., J.D., NSU president; Fred Lippman, R.Ph., Ed.D., HPD Chancellor; Richard E. Davis, Ed.D., PA-C, dean of the College of Allied Health and Nursing; and others across the university have demonstrated a strong commitment to nursing education, according to Whitehead. Their involvement has made it possible for the department to develop quality, innovative nursing programs.

"Our goal now is to focus on making something good even better," Whitehead concluded. ■

KEN MA IS NSU'S SENIOR PUBLIC RELATIONS COORDINATOR.



Diane Whitehead, R.N., B.S.N., M.S.N., Ed.D.,
associate dean of nursing



society's





problems

find solutions here

BY FELECIA HENDERSON AND BOB ROSS

many drinkers do not enter treatment because they fear the stigma of being labeled alcoholics. Others recognize that while their drinking may not be severe enough to warrant treatment, they do have alcohol-related problems. To what extent, then, might it be possible to encourage individuals to change their behavior without formal, outside intervention? This is the question that fueled the research of two Nova Southeastern University (NSU) clinical psychologists. Their research, and that of many of their peers at NSU's Center for Psychological Studies (CPS), aims to find new, seemingly simple solutions to some of society's troubling, everyday problems.



Renowned psychologist and CPS professor
Nathan Azrin, Ph.D.

This approach is in alignment with one of NSU's main objectives—to produce cutting-edge research that can be applied in the real world.

Typically, a university's clinical psychology program has a strong undergraduate focus. In contrast, NSU follows a graduate program-centered model. Here, doctoral students receive their training in NSU-operated clinics that provide a tremendous service to the community across a broad spectrum. NSU's Psychology Services Center helps South Florida residents of all ages deal with everything from anxieties and traumatic stress to family violence and attention deficit disorder. In turn, the clinics become the source of data enabling graduate students to conduct important research under the direction of their professors.

NSU's drive to develop a topnotch clinical psychology program began in 1980 with a push for accreditation organized around recruitment of a core group of a half-dozen clinicians with national reputations. With 31 clinical psychologists and its distinctive graduate focus, CPS now ranks among the top nine programs nationally, both in the number of professors and research productivity, according to a recent University of Kansas study.

Nathan Azrin

NSU's drive to develop a topnotch clinical psychology program began in 1980 with a push for accreditation organized around recruitment of a core group of a half-dozen clinicians with national reputations. One of them, Nathan Azrin, Ph.D., ABPP, is still active on the CPS faculty. Trained at Harvard University by famous behavioral scientist B.F. Skinner, Azrin is "one of the most cited psychologists in the world," explains Grosby, who adds that he has "driven the reputation of the department." The public knows Azrin as the author of *Toilet Training in Less Than a Day*, the popular how-to guide that sold three million copies and has been reproduced in dozens of languages. But it is his work with the profoundly retarded, the so-called "untrainables," upon which a large part of his legacy rests. The techniques he pioneered nearly half a century ago remain in widespread use today.

Azrin developed "shaping" or "successive approximation" strategies to get the profoundly retarded to perform at higher levels than previously thought possible. His methods involve identifying behavioral tasks, beginning with their smallest components, then giving the patients small, frequent rewards to encourage a succession of desired behaviors.

"To get someone dressed, for example, requires putting on a shirt," said Azrin. "But first, the person must reach for the shirt. And before that, the person must get up and go toward it. And even more basically, you need to say to the person, 'look at me,' and get them to make eye contact." Immediate rewards at each achievement level made the impossible possible.

The flip side of reward is punishment, and today's parents can thank Azrin for inventing "time-out," the popular alternative to spanking, by which misbehaving youngsters are sent away to reflect quietly while considering their misdeeds.

Azrin's pioneering work has also included "job club" reemployment procedures in standard use during corporate layoffs within the United States, Great Britain, Scandinavia, and elsewhere. He is also known for inventing the regulated breathing method to treat stuttering. His myriad lifetime achievements led an observer to credit him as one of today's great thought-leaders "moving psychology toward science and away from armchair analysis."

Mark C. Sobell and Linda C. Sobell

Mark C. Sobell, Ph.D., ABPP, and his wife, Linda C. Sobell, Ph.D., ABPP, of CPS, used media ads to recruit 825 people who identified themselves as open to changing their drinking behavior. All were asked to complete self-assessments by mail, with no personal contact. In response, half the group received two pamphlets on alcoholism that were freely available in the community. The other half received personalized feedback comparing their drinking behavior to national norms and identifying the health risks associated with their particular drinking patterns.

Following up after one year, the Sobells learned something surprising. Both groups substantially reduced their drinking. Many respondents positively changed their behavior after merely seeing the ads and before receiving the materials. Simply seeing the ad or the message in the ad resulted in their change in drinking behavior.

The Sobell's research sheds light on the fact that natural recovery, or self-change, is a very common and successful pathway to change for nearly 75 percent of people with alcohol problems. Under a grant from the National Institute on Alcohol Abuse and Alcoholism, the Sobells will continue to study the power of message content. Their research is pointing the way to cost-effective, large-scale interventions with enormous public health implications for those who want to lessen their own alcohol, tobacco, and drug use.

The Sobells and their CPS peers are conducting research "clearly tied to solving society's most pressing problems," said Karen Grosby, M.Ed., dean, Center for Psychological Studies.

Lenore Walker

Another CPS innovator is Lenore Walker, Ed.D., ABPP, inventor of the term “battered woman syndrome” (1979). Her “cycle of violence” theory first described the process by which women become entrapped as the victims of abuse, then come back for more. Walker’s 12 books on the subject of violence against women have assisted millions of people in understanding why battered women have such difficulty escaping domestic violence relationships. The third edition of her groundbreaking book, *The Battered Woman Syndrome*, will likely appear on bookshelves before the year’s end.

For the past five years, she has been re-evaluating her original premise, based on data collected from women from a community sample at the Broward County jail, as well as Spain, Russia, Haiti, Greece, and Colombia. Walker concludes, “It is now clear that battered woman syndrome exists cross-nationally, transcending culture. Psychologists accept it as a sub-category of post-traumatic stress disorder. Plus, we know how to measure it and how to treat it.” Her Survivor Therapy Empowerment Program assists professionals as they help battered women through what is often the most difficult period of their lives.

Walker has testified in more than 400 cases in which battered women have killed their husbands in self-defense. Interestingly, she was also a member of the O.J. Simpson psychological defense team, receiving enormous criticism from feminists and others who felt she was “selling out.” She explains: “I am an advocate for the eradication of violence directed toward women. At the same time, I can be clear about the objectivity of science.”

Vincent B. Van Hasselt

Vincent B. Van Hasselt, Ph.D., is a certified Plantation police officer and psychologist for the FBI’s Miami Office

Continued on page 36

Any woman can be abused; she can be of any race, religion, economic status, educational background, or age.

NSU’s Psychology Services Center provides psychological counseling and testing services to children, adolescents, adults, and families in South Florida. Services are available at affordable rates.

Nova Southeastern University can help in a variety of ways through the following services:

- **ADULT SERVICES** for individuals experiencing a variety of difficulties such as depression, stress, or other mental health issues
- **ATTENTION DEFICIT HYPERACTIVITY DISORDER ASSESSMENT, CONSULTATION, AND TREATMENT (ADHD)** for children and adolescents with behavioral problems
- **ADOLESCENT DRUG ABUSE PREVENTION AND TREATMENT** for youth arrested for minor offenses, with substance abuse problems, or who are at risk
- **ANXIETY TREATMENT** for those suffering from phobias, social anxiety, panic attacks, obsessions, or compulsions
- **BIOFEEDBACK AND HEALTH PSYCHOLOGY** for individuals with health concerns such as chronic disease, headaches, or chronic pain; also provides stress management services
- **CHILD, ADOLESCENT, AND FAMILY SERVICES** for children and adolescents with emotional, cognitive, or behavioral difficulties
- **CHILDHOOD AND ADOLESCENT TRAUMATIC STRESS SERVICES** for pediatric patients suffering from acute, chronic, or genetic medical disorders or from psychological and physical symptoms of trauma, such as child abuse
- **FAMILY VIOLENCE PROGRAM SERVICES** for children, adolescents, and adults who have been victims of domestic violence or abuse; assists adolescents with anger management and skills to resolve conflicts
- **HEALTHY LIFESTYLES/GUIDED SELF-CHANGE PROGRAM SERVICES** for individuals concerned about their alcohol, drug, or tobacco use, gambling, or other health and lifestyle concerns such as weight, eating disorders, and credit problems
- **INTENSIVE PSYCHODYNAMIC PSYCHOTHERAPY** for adults with moderate to severe psychological disorders who would benefit from more intensive treatment
- **NEUROPSYCHOLOGICAL ASSESSMENT** for diagnosis of disorders of the central nervous system such as mental retardation, learning disability, Alzheimer’s disease, dementia, head injury, and multiple sclerosis
- **COUNSELING FOR OLDER ADULTS** for individuals 55 or older experiencing anxiety, depression, insomnia, psychosexual dysfunction, interpersonal difficulties, or substance abuse; provides individual, family, and couples therapy
- **TREATMENT FOR THE SERIOUS MENTAL ILLNESS** for children, adolescents, and adults suffering from schizophrenia, bipolar disorder, or affective disorders
- **PSYCHOLOGICAL ASSESSMENT** for individuals in need of neuropsychological, psycho-educational, or behavioral assessment and treatment
- **SCHOOL PSYCHOLOGY ASSESSMENT, EVALUATION, AND CONSULTATION** for individuals from preschool to college age with school-related academic, developmental, behavioral, and learning issues
- **TRAUMA RESOLUTION INTEGRATION PROGRAM SERVICES** for individuals 18 and older who experienced childhood sexual or physical abuse or who suffered from a traumatic event such as war, crime, injury, or natural disaster
- **TRAINING IN PARENTING SKILLS** provides a four-week parenting course that teaches behavioral management techniques

For more information or to schedule an appointment, call (954) 262-5730 or 800-541-6682, ext. 25730. All services are provided in the Maltz Building on the main campus at 3301 College Avenue, Fort Lauderdale, Florida.

Medical Missions:

SERVING THE UNDERSERVED

BY JULIE LEVIN

Despite abject poverty, stifling heat, and lack of medical facilities, Richard Giroux's humanitarian trip to Jamaica last year changed his life and clarified his reason for becoming a doctor.

"We got to help the neediest people," said the second-year medical student at Nova Southeastern University's College of Osteopathic Medicine (COM), which heads international medical missions.

Working out of churches and buildings turned into makeshift hospitals, Giroux was part of a team that spent more than a week treating thousands of indigent patients in Jamaica last summer. He is one of a growing number of COM students and health professionals expanding their medical reach by participating in medical missions in the Caribbean, South America, and Africa.

The interdisciplinary squad of health care professionals, composed of students and faculty members, travels to different developing countries to provide care to rural and urban underserved populations, which is one of the medical school's goals. The missions provide the needy with vital health services in impoverished areas while giving medical students a once-in-a-lifetime learning experience.

"Some of the conditions we worked in were absolutely horrible, but, we learned so much," Giroux said.

Some of the missions are run by NSU's medical school, which began the program in 2000, while others operate through international aid groups. But all of them provide medical students with a chance to become student doctors

without borders.

"They get to treat patients who desperately need health care," said Paula Anderson-Worts, D.O., M.P.H., associate professor in COM's Department of Family Medicine, who has coordinated the missions to Jamaica for the past seven years.

The Caribbean

Anderson-Worts will lead another group of 130 students and health professionals to Jamaica in June. Most of the health professionals on the missions are from NSU'S Health Professions Division (HPD). They offer care in specialties including dentistry, optometry, pharmacy, occupational therapy, and physical therapy.

The group will treat thousands of patients during the nine-day mission to Kingston and St. Mary. Organizers have made a point of adding new disciplines to address this population's greatest medical needs.



NSU-COM student Jorge Cabrera, Jr., carries an injured patient during the 2007 Medical Mission to Ecuador.



Hypertension is one of those needs. Two years ago, a cardiologist joined the team to provide echocardiograms and EKGs, or electrocardiograms. Last year, they added breast and cervical cancer screenings and were able to provide dozens of women with potentially life-saving mammograms and pap smears.

This summer, their attention will turn to creating chronic disease case management teams. These teams, consisting of professionals from many disciplines, will teach patients how to live with chronic conditions such as hypertension and diabetes.

"Our thought is to find a way to leave them with information so they can take an active role in improving their overall health," Anderson-Worts said.

Some of last summer's work took place in a prison where scant medical care is available only to those who can afford it. The lack of medical attention left some prisoners with illnesses and infections that hadn't been treated in years. But, it provided a wealth of practical experience for the NSU team, who were touched by the encounters.

"They were among the most polite people I've ever met," said second-year COM medical student Ameneh Ebadi. "They were so appreciative of our help."

GUATEMALA AND ECUADOR

Participating in humanitarian missions has helped second-year medical student Chuck Green find his calling. As the president of NSU'S DOCARE chapter, Green has traveled on missions to both Guatemala and Ecuador. He plans on full-time mission work after graduation.

DOCARE International is a volunteer medical outreach organization that provides health care to indigent and isolated people. As the group's leader, Green helps recruit both doctors and health care professionals and secure donations of supplies. He also must convince potential participants that the (up to) \$1,600 trip is worth it. Green's heartwarming tales, such as the story of a Guatemalan town where an outbreak of scabies made the children itch miserably, make it hard to turn down this opportunity to help.

"We were able to make the kids more comfortable and let the moms get some sleep," he recalls. "It is little things like that."

Green's medical adventures were made possible by three health care professionals. Elaine Wallace, D.O., M.S., a professor and chairman of COM's Department of Osteopathic Principles and Practice, began organizing the missions to Guatemala and Ecuador with Larry Jensen, D.A., and Anthony Decker. At the time, all three were faculty members at the University of Health Sciences in Kansas City in the 1990s.

Most of that original team temporarily relocated to NSU, providing a new base for the missions. Right now, the Ecuador mission is in its final year of a five-year plan Wallace crafted during a meeting with the first lady of Ecuador and the minister of health.

A team of almost 80 people returned to Ecuador in March of 2008. The team worked in difficult conditions in different parts of Ecuador. Team members treated an indigent population living in a high altitude area at the top of a volcano in Quito, and then moved to a middle-ground region called Baeza. Finally, they traveled to Tena, a city in the Amazon rainforest. Their work often took them into the jungle, where they helped patients who live in homes with no running water or electricity.

The most common ailments they treated included scabies, tuberculosis, and leishmaniasis—problems that tend to come back time and again in impoverished areas. "When we treat these patients, unfortunately, they return to very spartan conditions and frequently have the same diseases when we return," Wallace reported.

But progress is measured in other areas. They were able to distribute badly needed medicine and supplies and also spread the word about clean water supplies, hygiene, and dental care, particularly among the children.

GHANA

Far from Ecuador, Cyril Blavo, M.S., D.O., M.P.H, T.M., FACOP, physician and professor at the medical school's Department of Pediatrics and director of the Master of Public Health program, is helping Ghana's poor. Originally from the West African nation, Blavo created an organization several years ago called International Health Initiatives, Inc., to give back to his homeland.

Through his nonprofit, Blavo launched several major initiatives in Ghana's Tafi Atome region, an impoverished area of 1,250 residents. The charity helped establish long-term health care facilities in the area, including a seven-room medical facility this past year. Earlier this year, International Health Initiatives gave more than 1,100 women of child-bearing age a tetanus vaccination, cutting down on the soaring problem of maternal mortality in the area.

"I always felt that, some day in my life, I would give something back and help people in those situations," Blavo said. ■

JULIE LEVIN IS A FREELANCE WRITER BASED OUT OF SOUTH FLORIDA.

A true university

BY KEN MA AND ELLA GOODEN

Take an outstanding
academic institution like
Nova Southeastern University,
replicate it across Florida and
the Caribbean, and what
do you get? An accessible,
quality education that's closer
than you might think.

■ NSU's Student Educational Centers (SECs) make the benefits of an on-campus learning experience available in many locations, offering an education convenient to those who live far from the university's main campus in Fort Lauderdale.

The SECs are seven full-service NSU academic facilities located in Miami, West Palm Beach, Orlando, Tampa, Jacksonville, Southwest Florida, and the Bahamas. These centers reflect the university's belief that consistency and quality are extremely important to students pursuing their degrees off campus. SEC students have access to the same quality education as those attending classes at the main campus, and they are provided with valuable support services such as academic advising, financial aid, student governments, and student affairs.

The SECs enhance the university's relevance and responsiveness to its ever-changing student population. Students and alumni say the centers are the perfect academic solution for busy professionals who must balance the responsibilities of work, family, and school—without relocating to do so. Instead, they can stay close to family and friends, while pursuing their degrees.

"The SECs are tangible evidence that NSU's mission is working beyond the main campus," said Deo Nellis, Ed.D., SEC executive director.

ROOTS

Long before the SECs began, NSU held classes away from main campus, beginning in the late 1970s. The problem was classes were held wherever an instructor could find meeting space. "There were four or five Nova Southeastern University programs competing for the same room at the same hotel, elementary school, or church," Nellis said.

In 1998, Nellis met with Ray Ferrero, Jr., J.D., NSU president, and George Hanbury II, Ph.D., NSU executive vice president and COO, to discuss consolidating the university's operations in other cities. They wanted to strengthen NSU's presence throughout Florida and the Caribbean and create academic facilities to provide the same services as on the main campus.

"It was the president's vision to emulate the main campus at the SECs," Nellis said. "Dr. Hanbury was the planner and researcher who made the president's vision a reality. My job was to get people to work together so the SECs could get off the ground."

The following year, their ideas gave birth to the SECs, which began with an enrollment of 3,800 students.

experience, far from main campus

OFFERINGS

From humble origins, the SECs quickly began to attract a plethora of students. They were drawn to the centers' nearby locations, which allowed them to save money. These sites also provided the convenience of weekend and evening classes led by distinguished professors.

The SECs joined forces with the main campus to offer students a variety of learning models—from traditional class-rooms to online courses conducted through Internet-based videoconferences.

Outside the classroom, SEC students enjoy a wide range of activities to help them enhance social skills, build relationships, and develop leadership qualities—attributes that employers seek.

"Student government associations, alumni events, Family Fun Day, Student Appreciation Week, and commencement celebrations are just some of our extracurricular offerings," said Carrie Florea, SEC director of marketing and performance.

Making this tremendous academic experience possible for students away from the main campus is the job of the assistant directors, who are tasked to recruit students for all NSU programs at the SECs. They also serve as ambassadors and liaisons between the SECs and the community. "The directors and assistant directors are the driving force behind the growth of the SECs," Florea said.

Part of that growth can be attributed to the SECs' academic offerings. Students can choose from a range of programs at all levels—bachelor's, master's, specialist, and doctoral degrees.

LOCATIONS

Students can also choose where they wish to pursue their degrees. Each SEC location offers its own unique qualities.



Housed in an NSU-owned building, the Orlando SEC is the only location that isn't rented. Located in the same market as Walt Disney World and Florida Hospital, many students at this SEC are focused on the hospitality and tourism industry, as well as education, health care, and the financial sector. This SEC offers programs in business, education, psychology, and health care, including a new physician assistant program.

The West Palm Beach SEC offers one of NSU's first off-campus professional programs in the area of pharmacy. It also offers programs in business, education, psychology, and the health professions, offerings that may supply a highly skilled workforce for West Palm Beach's growing biotechnology industry, which includes The Scripps Research Institute.

In Tampa, NSU was offering classes long before the SECs began. However, Tampa's SEC was able to boost the university's reputation and image by offering one of the largest education programs outside the main campus. Tampa cur-

rently offers programs in the fields of business, education, and psychology.

The Southwest Florida SEC is the newest and fastest growing SEC, offering classes in Fort Myers, Naples, and Cape Coral. In the last five years, its enrollment has grown more than 200 percent. Programs are currently offered in education and the health professions, reflecting the area's booming health care industry.

With an enrollment of more than 3,500 students, the Miami SEC is the largest of the Florida SECs, and it's bigger than many private colleges and universities in Florida. It offers programs in business, education, computer and information sciences, psychology, and health care.

In Jacksonville, the SEC has grown as fast as the community. Approximately 1,000 students are enrolled in its business, education, and psychology programs.

The Bahamas SEC is currently the only NSU facility of its kind in the Caribbean. NSU is committed to offering international programs in the Bahamas.

Continued on page 36

FIGHTING SMART: AN EDUCATOR'S MISSION TO PREVENT BULLYING

BY LISA BOLIVAR

Now more than ever, bullying has become common among students in American schools and on playgrounds. According to the U.S. Justice Department, one in four children is bullied every day. As a result of these incidents, children may suffer from anxiety, depression, or low self-esteem that could result in suicidal thoughts or behaviors. Today's teachers are finding it more difficult to prevent or even detect bullying because it takes place in areas that are well beyond the classroom walls and hallways. What makes bullying a more complex issue is the lack of training and resources to identify it, address it, and eradicate it.

Enter Meline Kevorkian, Ed.D., who has dedicated nearly two decades of her teaching career to addressing bullying and researching prevention solutions. Researching the cause and impact of bullying in our neighborhood schools has been her passion since her days as an educator in K–12 schools. This interest grew after Kevorkian's career path led her to a university setting where she took a position as associate dean for master's and educational specialist degree programs at the Fischler School of Education and Human Services. Now that she serves as executive director of academic review for Nova Southeastern University, she continues to conduct research and communicate community awareness after hours in schools and communities.

Her motivation is simple. She lives by the words once expressed by Margaret Mead: "Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it is the only thing that ever has."

Kevorkian is a founding member of the Consortium to Prevent School Violence and a board member of the International Bullying Prevention Association. Last year, she released an international study on bullying in schools and brought the International Bullying Prevention Conference to the NSU community, providing teachers, parents, and school administrators with access to the latest research and programs on bullying prevention. Currently, she is working with Broward County Public Schools on developing a policy that addresses bullying.

Kevorkian is the author of several books on the subject: *Six Secrets for Parents to Help Their Kids Achieve in School*, *Preventing Bullying: Helping Kids Form Positive Relationships*, and the most recently published *101 Facts About Bullying: What Everyone Should Know* and *The Comfort Zone: Providing a Safe and Bully-Free Environment for School Age Child Care*. She regularly appears as a columnist in *The Miami Herald*, speaking about cyber-bullying and other topics facing parents and children today. She has also served as an expert on various television and radio stations and programs, including CNN, NBC's *Today Show*, WSVN, *Mom Talk Radio*, WLRN Public Television, *BlueSuitMom.com*, and Magic 102.7. Her Web site, www.mkevorkian.com, highlights Kevorkian's research and communications.

HORIZONS: How did you come to be a specialist in bullying and why?

When I was working in K–12 schools, this was a topic that came up consistently in both private and public schools, but not with the name "bullying." Being someone who always looked to research for answers, I found that research was absent at the time on how to help kids who face being bullied or how to help parents and teachers address it. When the topic surfaced, discussions sounded like "I remember when that happened to me." However, we did not recognize its potential for long-term damage, negative impact on academic achievement, and link to school violence.

HORIZONS: How many types of bullying have you identified?

It is difficult to say how many different types of bullying have been identified because what we are all aware of is the physical aspect of bullying. The typical scenario demonstrates the bigger youth beating up the smaller child. What we are finding now is known as "relational bullying," which includes name calling, spreading of rumors, exclusion, and isolation. It basically is contrary to bullying of decades past because it is defined as getting people to not talk to a particular person.

Another aspect of bullying today is taking place in electronic form, and is known as cyber-bullying. In this case, offenders are able to take bullying to a whole new level and perform it 24 hours a day and 7 days a week electronically—thus, escalating the long-term effects of bullying. Instead of bullying taking place at lunch time a couple of times a week, it can now take place during evening hours, on the weekends, and pretty much all the time. There is no escape from it, which shows the aggressive nature of bullying today.

I noticed immediately that it was very challenging for adults to identify with this. Parents often recall coming home with a ripped shirt and bloody nose. During those days, it was easier to detect bullying. Nowadays, the situations are much more difficult and frequently aren't detected until a child is suffering.

HORIZONS: Who does bullying impact and how?

Bullying behavior impacts everyone. For some victims, the effects can be very stressful, cause problems in making friends, and impact academic achievement. Some of our youth are committing suicide after being bullied. There's a term now called "bullycide" that describes children who have been bullied to the point of taking their own lives. Bullying behaviors may be the first steps to more serious problems. There is a direct link between children who exhibit bullying behaviors and violent crimes and incarceration. There's a continuation to bullying. It is not as if these children leave high school and then realize that this behavior is not appropriate. They just don't wake up one day and say, "I need to stop being a

bully.” These are the people who then go on to exhibit behaviors such as sexual harassment, marital abuse, and pet abuse.

For bystanders, exposure to bullying creates fear and anxiety and threatens the very climate of the school or workplace. Therefore, it is not just a school issue; it’s a community issue, health issue, and psychological issue. We understand from Maslow’s Hierarchy of basic needs that children need to develop feelings of safety and feel that they belong before they can do anything else. When we have children telling us the biggest problem in their life is bullying, we are not providing the feelings of security and belonging that they need to reach their potential.

HORIZONS: Are there signs that bullying is increasing?

We cannot determine at this time if bullying is increasing, but the opportunity to have it take place more often is available and is being reported more often. Parents and schools are asking for help with how to address bullying. I also have observed that what we tolerate as a community today is much greater than what we used to tolerate years ago. This makes bullying more acceptable in society. In some instances, the bullying is even dismissed as child’s play.

HORIZONS: How are you getting the message out to the community on how to prevent bullying? How are you offering solutions?

I utilize every opportunity that I have to speak to community groups, schools, and parents. I also take full advantage of speaking at parent-teacher association meetings and provide faculty presentations locally and nationally. I work with both private and public schools nationwide to develop policies designed to prevent bullying and meet state law and county guidelines where they are in place.

I am working as part of a task force with Broward County Public Schools to develop a policy that addresses bullying behavior. I encourage all parents to ask their school’s teachers, guidance counselors, or principals to seek the development of bullying prevention policies.

To offer solutions, I conduct an awareness campaign, complete with demonstrations on how to conduct surveys and tabulate results. I provide parents, faculty members, and administrators with easy, solid advice designed to intervene and assist children who experience bullying firsthand. One way to promote bullying prevention when the bullying is evident is to increase supervision in those areas where it has taken place, such as hallways, bathrooms, and lunchrooms. It is also necessary to incorporate this awareness into the curriculum. Too often, children may think it is funny to hurt someone else because of the attention or reaction that the bullying may get. By getting a clear definition of what bullying is parents and educators can work to eradicate it.



HORIZONS: What can we do as educators, parents, and community members to help prevent bullying?

There are things that parents can do at home to help children realize that bullying should not be tolerated. People need to think of children in terms of what they are being exposed to at school, on the playground, in the neighborhood, and at home. Children today are subjected to news segments that demonstrate random acts of violence, to headlines that show car bombings. All of these visuals show very little mourning or negative reaction.

As adults, we view these scenes as bothersome, and we remove ourselves emotionally. Children cannot understand at this point and develop empathy. We should seize these moments to help our children develop empathy. We need to teach children there are people less fortunate and that hurting others is wrong. We need to be aware of what we are exposing our children to and the impact it has on their behavior. In essence, we need to model the behavior we want them to replicate. We need to ask ourselves as parents, community members, and educators “Do they see the way we treat other people? Do they see the way we act?” If we want them to be kind, they should witness adults being kind and serving as active bystanders to help others in need. ■

LISA BOLIVAR IS A FREELANCE WRITER BASED OUT OF SOUTH FLORIDA.

alumni journal

KENNETH AND JOSH RADER THE CEREAL BOWL

BY ALAN HANCOCK

It started as a college joke. Snowed in at Syracuse University, Kenneth Rader pondered the idea of a café that sold only breakfast cereal—a place like Starbucks, but for cereal lovers. The snow melted, and Rader eventually left Syracuse to return to his home in South Florida, but the idea stayed with him. He ran the concept of a cereal café by his twin brother, Josh, who was set to begin working towards his master's degree in accounting at Nova Southeastern University's H. Wayne Huizenga School of Business and Entrepreneurship, and their childhood friend, Michael Glassman. It didn't take long before the cereal café fantasy was becoming a reality.

"The more we thought about it, the more we realized maybe it isn't as crazy as it sounds," Rader said. "So we started writing some ideas and eventually started a business plan toward the concept."

Rader, then at Florida International University, was still working towards his bachelor's degree. With the goal of opening his own business in the works, he enrolled at NSU and, in January 2004, began studying business and professional management at the Huizenga School. "I finally decided we were going to go ahead with this, and I figured NSU's a great place to study entrepreneurship," he said.

By the middle of 2005, the Rader twins and Glassman had a business plan; a loan from the Small Business Administration; a lease on a store in a strip mall on South Dixie Highway in Coral Gables, across from the University of Miami; and a name—The Cereal Bowl. But, as is often the case when starting a new business, obstacles arose.

A planned opening in November 2005 was postponed due to delays in construction and hurricanes, and Cereality, a Chicago-based company that coincidentally has cereal cafés in operation, threatened to sue for copyright infringement. Rader was nearing two years without a paycheck, as he concentrated on starting the business while completing his degree from NSU. But, he was able to apply what he learned in the business and management program directly toward The Cereal Bowl. "I found the classes very helpful, especially Business Law, which is a huge part of our business," said Rader, who completed his studies at NSU last October.

The Cereal Bowl opened on February 4, 2006, with Rader serving as president and CEO, Josh as vice president and chief financial officer, and Glassman as vice president and chief operating officer. Josh, who continued with his job at a public accounting firm in Coral Gables while opening and running The Cereal Bowl, completed his master's degree in accounting at NSU just days before The Cereal Bowl opened. As chief financial officer, he found his accounting education put to the test immediately.

"I prepare our tax returns for the company," Josh said. "We do our own cost analysis of our margins. We prepare our own financial statements on a monthly basis. What I learned has been very effective for our business."

After the opening, a barrage of media exposure followed, with the *Miami Herald* doing a yearlong series on The Cereal Bowl as a start-up business, CNN's *Anderson Cooper 360* filming a segment, and *Entrepreneur* magazine penning a profile. With the exposure came hundreds of franchise inquiries, and by the end of the year, the company was turning a monthly profit.

The quick-service restaurant offers more than 35 cold and hot cereals that can be combined with more than

40 different toppings and 6 varieties of milk. There are also parfaits, oatmeal smoothies, and ice cream. The store is furnished with couches, wireless Internet, and flat-screen televisions, designed to make The Cereal Bowl a hangout place. The restaurant is aimed at college students but is also marketed to a younger crowd, offering birthday parties and serving as a destination for summer camps.

Now, with The Cereal Bowl more than two years old, the Rader twins and Glassman are expanding the company. Corporate headquarters were recently established in Miami, complete with a training classroom known as Cereal Bowl University. A company-owned store is set to open in Washington, D.C., near Georgetown University, and 17 franchise agreements have been formed.

With the company growing rapidly, Rader continues to stay in touch with Nick Castaldo, a Huizenga School professor, who has vast experience in the restaurant business as the former president of Pollo Tropical and a current partner and president of Anthony's Coal Fired Pizza. Castaldo has served as an adviser for Rader, and he returned the favor by speaking to Castaldo's class to share advice about starting a business.

"It's more important to be an entrepreneur because you have a concept you believe in and that you want to go with, not to be an entrepreneur because it sounds like something that might be successful," Rader explained to the class. "It's not nearly as much fun as it may seem, or as glamorous. There's a lot of hard work."

Even as the hard work continues, Rader and Josh, now 26, remain committed to fulfilling their dreams with this company.

"I don't think we've run out of ideas for The Cereal Bowl," said Rader. "There are so many fun ideas that we haven't done. We still are very motivated to keep brainstorming this concept." ■



ALAN HANCOCK IS NSU'S ASSISTANT DIRECTOR OF PUBLIC AFFAIRS.

GREGORY M. VECCHI, PH.D.
CLASS OF 2006

BY FELECIA HENDERSON

Down in the lower level of the basement of the Federal Bureau of Investigation (FBI) Academy in Quantico, Virginia, Supervisory Special Agent Gregory M. Vecchi, a member of the FBI's Behavioral Science Unit (BSU), studies global hostage taking and conflict and crisis management issues. Vecchi, a doctoral



Gregory Vecchi, Ph.D., FBI Supervisory Special Agent

graduate of NSU's School of Humanities and Social Sciences, and his colleagues are charged with training, research, and consultation activities aimed at improving and enhancing law enforcement and intelligence activities in support of the FBI mission.

"All of our research and training activities are aimed at one goal, that of helping agents or local and state law enforcement officers on the street," Vecchi explained. This assistance comes in many forms, including applied

research activities, academic consultative support to other FBI entities and law enforcement agencies, publications, New Agent and National Academy training programs, and road schools.

The BSU is unique among FBI units, having evolved into a think tank where ideas are formed and developed into projects, programs, and other independent units. For example, BSU research from the 1980s on serial killers and other "unknown perpetrator" violent crimes resulted in the establishment of the National Center for the Analysis of Violent Crime. The center currently houses three Behavioral Analysis Units that focus on criminal investigative analysis (formerly known as "profiling") addressing terrorism, threat assessments, and crimes against adults and/or children. It also includes the Violent Criminal Apprehension Program. All the programs are aimed at assisting the FBI and other law enforcement agencies in addressing unsolved violent crime.

"The BSU birthed what eventually became the Behavioral Analysis Units—which are different and independent of BSU. The BSU focuses on research and training; whereas the Behavioral Analysis Units focus on direct operational case support," Vecchi explained.

Vecchi has been assigned to the BSU since January 2006, but his career journey was as unique as his educational experiences. Born and raised in Des Moines, Iowa, he attained an Associate of Applied Science in Automotive Technology from the Des Moines Area Community College. "In high school, I was voted the most unlikely to get a college degree, so I went to trade school," says

FIGHTING HOSTAGE-TAKING WORLDWIDE: THE GHOST-RAP PROJECT

GHosT-RAP is the acronym for the Global Hostage-Taking Research and Analysis Project, a collaborative program between the FBI's Behavioral Science Unit and Nova Southeastern University. This initiative addresses global captive-taking as a major domestic and international issue requiring mitigation, preparedness, response, and recovery measures.

The need for research-based initiatives such as GHosT-RAP is detailed daily in the news. Examples include incidents in Pakistan, where a group of armed men held more than 200 school children hostage; Beslan, Russia, where 186 children were killed by armed guerrillas; and in the United States, where a gunman killed several school children in Paradise, Pennsylvania. In each of these instances, authorities seek to understand what motivates an individual to commit these criminal acts.

GHosT-RAP was established to examine captive-taker motivation at a global level. The information generated is anticipated to provide law enforcement, military, and intelligence agencies with viable tools to help investigators solve, defeat, and possibly prevent hostage situations.

GHosT-RAP was initiated by FBI Supervisory Special Agent Gregory M. Vecchi, Ph.D., graduate of NSU's Graduate School of Humanities and Social Sciences' Conflict Analysis and Resolution program, and Vincent B. Van Hasselt, Ph.D., a professor of psychology at NSU's Center for Psychological Studies. The program is an intelligence-driven, behavioral-based research project. The FBI and Ray Ferrero, Jr., J.D., NSU president, signed a Memorandum of Understanding, establishing GHosT-RAP as a collaborative effort on January 23, 2008.

"The Memorandum of Understanding reflects a significant level of collaboration between NSU and the Federal Bureau of Investigation," said Van Hasselt. "It will provide unique training opportunities for both entities and will facilitate increased collaboration."

Vecchi. While attending the community college, Vecchi worked as a security officer, sparking his interest in law enforcement. After working with an FBI agent, "becoming an FBI agent became a career goal for me" Vecchi explained. In order to continue college and to gain the experience required to apply for the FBI Academy, Vecchi enlisted in the U.S. Army as an electronic technician. He subsequently transferred to the U.S. Army's Criminal Investigation Division as a special agent in 1989. He attained a Bachelor of Science in Management/Human Resources from Park College while working full time for the army.

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WLAW RADIO

NSU BROADCASTS THE FIRST VOICE IN LAW SCHOOL RADIO

Tune in to WLAW, available on the Shepard Broad Law Center's Web site: www.nsulaw.nova.edu/. Click on "WLAW Radio." Listeners can participate live on the air by calling (954) 262-6262.

To Chad Robinson, radio is not just something to listen to while driving around town. It is a passion.

When Robinson came to Nova Southeastern University's Shepard Broad Law Center as a student in 2005, he wanted to combine his love for radio with his legal studies. The result is WLAW radio, the first and only student-run radio station at an American Bar Association-accredited law school in the country.

Robinson, together with Sara Graditor, also a third-year law student at NSU, founded WLAW, an Internet radio station hosted on the Law Center's Web site. With the tagline "The First Voice in Law School Radio," WLAW is now in its second year as the Law Center's radio station, providing a forum for the discussion of legal issues and fostering interaction among students, professors, and the professional community.

"I just love the mic," Robinson said. "It's as simple as that. I love radio."

Robinson, who earned a broadcast journalism degree at the University of Florida, where he did sports broadcasting for the university's radio station, started experimenting with the idea of law-based radio in early 2006. He began broadcasting on Live365, an Internet radio network, as a way to relieve the stress of his first year of law school. He produced just one show a week, recorded from his bedroom, but saw the potential for something larger when he did a review session and nearly his entire class tuned in. That's when Robinson sought help from Graditor.

"We got together and started thinking 'How can we expand this idea? How can we take it from this little idea to something bigger?'," Robinson said.

With a background in business and marketing from her undergraduate studies at the University of Central Florida, Graditor began researching and putting together a business plan for the radio station.

"I thought this had so much potential," she said. "I put together a market analysis to determine what the success rate would be, how we should position it, and how we should set it up. We had several meetings with faculty members and then presented it to the dean."

Joe Harbaugh, Law Center dean, approved the plan and gave Robinson and Graditor a budget for the station. They were told to run the station like a business, with the students involved paid as employees. A room in the Law Center was converted into a radio studio, and Robinson and Graditor recruited their friends and classmates to become the on-air talent.

In February 2007, the radio station launched on the Law Center's Web site. But some growing pains were unavoidable, as Robinson and Graditor, serving as executives, had to learn on the job how to run a radio station, and the unproven staff had to adapt to being on air.

"I'm the only one that came in with any type of [radio] experience," Robinson said. "But none of us is shy because we are all going to be lawyers. You put a microphone in front of most of us and we'll steal it right from you."

The station was reorganized over the summer, and the fall semester brought new promise. David Young, judge, of the *Judge David Young* television show appeared as a guest, as did

Matt McCall, director of basketball operations at the University of Florida.

"It was really the turning point of the radio station," said Robinson. "We could see that it could be run smoothly, despite our busy law school schedules."

Currently, WLAW Radio features four regularly scheduled, student-hosted shows. On *Sidebar*, hosts Nick Seidule and Crystal Hall discuss legal issues and interview guests. *NSU Law Today* features conversation on politics and controversial topics in the news, with hosts Gina Jacobs and Joseph Pustizzi. On *Out of Bounds*, hosts David Eddy and Marvis Jenkins discuss the latest legal issues in the sports arena. *Rebuttal*, created and hosted by Seidule, plays music and takes calls. Shows are aired live two or three times a week and replayed during the week, giving WLAW 24-hour-a-day programming.

"The station brings a forum for conversation and, thereby, expands the communication process within the Law Center community," Harbaugh said. "It's an opportunity for students to sound off, for faculty members to be interviewed or quizzed, for administrators to be questioned, and to get outside guests like judges and lawyers to add to what we are discussing



WLAW co-founders Sara Graditor (bottom center) and Chad Robinson (bottom right) have counted on classmates like Crystal Hall (top right), Nick Seidule (top left), and Hollie Kirsner (bottom left) to serve as on-air talent.

within the law school. Externally, it's also a perfect way for applicants to the Law Center to get a sense of what our community is all about."

"The station allows students to have a voice, to have their thoughts heard, and to mature those thoughts," Graditor added.

All members of the current staff, including Robinson and Graditor, are completing their final year of law school. But, thanks largely to *Radio Idol*, a contest Graditor ran to find fresh talent, a new staff of law students is ready in the fall to take over behind the microphones at WLAW.

"We've found a good group of people that want to take this to the next level," Robinson said. "We're very confident about leaving it in their hands." ■

ALAN HANCOCK IS NSU'S ASSISTANT DIRECTOR OF PUBLIC AFFAIRS.

scoreboard

SHARKS ATHLETICS RECEIVES SUPPORT AND ACHIEVES SUCCESS

BY ROBERT M. PRIOR, ED.D.

The 2007–2008 school year has seen continued success for all the NSU Sharks Athletic teams, with one of the best sports seasons on record. Several sports produced winning seasons, and numerous student-athletes garnered conference, regional, and national accolades.

The Sharks volleyball team compiled their best record in program history (26-10), with a 16-win improvement over the previous year. The team also reached the NCAA Division II South Region Tournament and registered an opening round victory, while head coach **Steve Wilcosky** was named SSC Coach of the Year.

The NSU women's soccer team finished 11-4-2 and advanced to the NCAA Regional tournament for the second consecutive season. Midfielder **Stephanie Quinones** (junior; Pembroke Pines, Florida) and forward **Shurell Burton** (junior; Palm Bay, Florida) were voted to the NSCAA All-America Second Team. Quinones became a two-time All-American, as she had been named to the NSCAA All-America Third Team in 2006.

The men's soccer team fashioned an impressive 12-5-2 record, earning its highest national ranking in program history—number two in the NCCA DII. Forward **Romain Onteniente** (sophomore; Nice, France) was named Sunshine State Conference Player of the Year and was selected to the Daktronics All-South Region Second Team.



The NSU men's and women's cross country teams both earned regional rankings for the first time since competing in the NCAA. The men ranked as high as fifth place and the women eighth in the South Region. **Eskender Abdalla** (junior; Houston, Texas) had a break-out season and was voted as Sunshine State Conference Male Runner of the Year.

The NSU women's basketball team, posted its best-ever regular season record (24-6, 14-2 SSC), while capturing its first SSC Tournament Championship and receiving an automatic bid to the NCAA DII South Regional Tournament. Center **Stephanie Sarosi** (sophomore; Mims, Florida) was the SSC Player of the Year, averaging 18.2 points and 9.7 rebounds per game. Head coach **Marilyn Rule** was named Russell Athletic Division II South Region Coach of the Year and SSC Coach of the Year.

The National Association of Basketball Coaches (NABC) announced that NSU men's basketball guard/forward **Tim Coenraad** (junior, Brisbane, Australia) was named to the NABC Division II All-South Region first team. The honors continued to mount for Coenraad, as he was also named to the Second Team All-Sunshine State Conference, Daktronics All-South Region Second Team, and CoSIDA/ESPN *the Magazine* Academic All-District 3 second team. Coenraad led the Sharks with averages of 17.8 points and 6.6 rebounds per game.

The spring sports season began with high expectations for the Sharks. Ranked No. 9 in the South Region, the NSU softball team posted their best record since joining the NCAA in 2002. The Sharks compiled an impressive overall record of 43-20 (12-9 in Sunshine State Conference play). Softball outfielder **Ashley Baker**



(senior, Lake Worth, Florida) was selected to the National Fastpitch Coaches Association (NFCA) All-South Region Second Team.

Ranked No. 6 in the South Region, the Sharks Baseball team concluded their regular season with a third place SSC finish at 14-8 and 31-21 overall record. Sharks' first baseman **Bryan Cook** (senior, Rockledge, Florida) was named SSC Player of the Year, in addition to being named to the SSC First Team. Cook was also named to the ABCA/Rawlings South Region First team and the *ESPN the Magazine* Academic All-America First Team. He was then named South Region Baseball Player of the Year and an ABCA/Rawlings Second Team All-American. He was projected to be a top 10-round pick in the upcoming Major League Baseball Amateur Player Draft.

The No. 12, nationally ranked Sharks tennis team concluded their season with a 14-8 record and reached the NCAA South Regional Tennis Tournament for the fourth consecutive year. Junior **Ulia Talalenko** (Naples, Florida) was named a first team All-Sunshine State Conference honoree. Playing in the No. 1 singles position, Talalenko concluded the season 16-3 overall.

The NSU Women's Golf team captured the 2008 Sunshine State Conference Women's Golf Championship, as well as the NCAA South Regional title for the first time in program history. The No. 2, nationally ranked Sharks advanced to the NCAA Division II National Championship and were national runners-up, finishing just seven strokes behind Rollins College.



The National Golf Coaches Association named NSU women's golfer **Sandra Changkija** (freshman, Orlando, Florida) PING NGCA Division II Player of the Year and Division II Freshman of the Year. Changkija was also on the Duramed FUTURES Tour NGCA Division II All-American First Team, where she was joined by teammate **Maria Garcia-Austt** (sophomore, Montevideo, Uruguay). NSU has had back-to-back recipients of the National Player of the Year and Freshman of the Year awards, as Garcia-Austt swept both awards last season.

The No. 5-ranked NSU men's golf team also advanced to the NCAA Division II men's Golf National for the first time in program history. The Sharks placed fifth, eight shots behind the leaders, among 20 teams. The NSU men's golf team's **Greg O'Mahony** (junior, Tequesta, Florida), and **Constantin Schweirz** (junior, Tegernsee, Germany), were named to the GCAA Division II PING All-American Third Team.

The NSU Women's Rowing team won its second consecutive Sunshine State Conference Rowing Championship by posting first place finishes in both Varsity 8 and Varsity 4 races, sweeping the title. Women's rower **Monica Henderson** (senior, Orlando, Florida) was selected Sunshine State Conference Rower of the Year while **John Gartin**, head coach, earned SSC Coach of the Year honors. The varsity 8 boat was also named the SSC Boat of the Year. The Sharks were invited to the NCAA Women's Rowing National Championships for a record-setting fifth consecutive year.

NSU captured the women's division of the Sunshine State Conference Mayor's Cup, presented to the school that has posted the highest combined finishes in the regular season standings, among the nine SSC member institutions.

The NSU Department of Athletics appreciates the support of its fans and the university administration. The success of our teams and student-athletes, both on the field and in the classroom, are a direct reflection of this support. We graciously say, "Thank you." ■

ROBERT M. PRIOR IS ASSOCIATE DIRECTOR OF ATHLETICS, COMMUNICATIONS, AND EXTERNAL OPERATIONS.



SOCIETY'S PROBLEMS FIND SOLUTIONS HERE

Continued from page 23

hostage negotiating team. He is studying stress within the law enforcement profession. He and colleagues from the FBI, U.S. Air Force, and Broward County Sheriff's Office have developed an early-warning survey that law enforcement agencies can use to screen officers for stress. The survey consists of "What do you do now?"-scenarios to test officers' reactions to challenging situations. The situations include responding to a burglary in progress with the perpetrator possibly armed, being injured during an assault with backup slow to arrive, and responding to a silent alarm from a bank.

At present, Van Hasselt is determining cut-off scores and norms so that the tool will have value in clinical settings. He anticipates eventual wide-scale implementation, enabling police officers experiencing particularly high stress levels to be identified for the purpose of intervention. His ultimate goal is to prevent more serious problems—such as cardiovascular illness, depression, alcoholism, and marital difficulties—that frequently take a toll on officers and their families.

Charles Golden

Charles Golden, Ph.D., ABPP/ABCN, became intrigued by an additional use for the hyperbaric chambers used to treat divers with the decompression sickness known as "the bends." He found that giving people with brain injuries oxygen therapy inside these chambers significantly improved their ability to function. The results are better in children, he says, because their brains continue to grow into their mid-20s. Typically, patients will experience an average of 80 treatments, each lasting 60 to 90 minutes, over a period of months. The largest group of beneficiaries is made up of those who experienced birth trauma including cerebral palsy. Golden hopes that his research will result in broader acceptance for this presently "experimental" technique.

Ana Fins and Cheryl Purvis

Sleep apnea is a sleep disorder characterized by pauses in breathing during sleep, which is often associated with obesity. As obesity increases as a social problem, apnea is becoming more and more common.

If not treated, apnea can lead to other medical complications such as high blood pressure, heart attacks, and strokes. In obstructive sleep apnea, the most common type of the disorder, fatty tissue physically blocks a person's airflow. Interrupted breathing causes fitful sleep, resulting in daytime fatigue and sleepiness.

Ana Fins, Ph.D., of CPS, along with colleague Cheryl Purvis, Ph.D., of NSU's Health Professions Division, and others, are studying how to improve the quality of life for people with sleep apnea. The most common treatment consists of a motorized device that forces air through a mask. A newer method is an oral appliance, created by a dentist, to be worn at night like a retainer. It moves the jaw forward to avert blockages.

Fins and Purvis wish to determine if the newer method works as well as the older one. Toward that end, they are testing each method in NSU's sleep research laboratory. The research involves observing sleep apnea patients during daytime naps, paying particular attention to the degree of sleepiness they experience. Interspersed between naps, the patients are given half-hour driving and computerized tests to evaluate their alertness levels. "If we show that the treatments produce equivalent daytime results, people may choose to use the less obtrusive and more comfortable oral appliances," Fins concluded.

Moving Forward

Success in attracting the best and the brightest researchers is one indication of NSU's rising prominence in the world of clinical psychology. The frenetic pace of the center's scholarly publication activity is another. Moving forward, Grosby aims to elevate the programs to preeminent status, a development made possible by the school's research-based emphasis on problem-solving. CPS, like other NSU colleges and centers, continues to encourage professors and their students to seek solutions to the big issues facing society—enabling the university to deliver synergistic research, training, and services that make a difference in the real world. ■

FELECIA HENDERSON IS NSU'S ASSOCIATE DIRECTOR OF PUBLIC AFFAIRS.

BOB ROSS IS A FREELANCE WRITER BASED OUT OF SOUTH FLORIDA.

UNIVERSITY EXPERIENCE

Continued from page 24

This SEC offers programs in business and education.

Growth

While the SECs already offer a variety of programs throughout Florida and The Bahamas, Ferrero's commitment has allowed them to add new academic programs and move into larger facilities.

Last year, the physician assistant program was added to Orlando's curriculum, which gave NSU the distinction of being Central Florida's only university to offer such a program.

"There is a shortage of physician assistants here in Central Florida," said Dave Kotun, Ed.D. (C), clinical director of the program (launched in June of 2007 with 50 students). This program is expected to supply the region with the next generation of qualified physician assistants.

Next year, the Jacksonville SEC will offer northeast Florida's first physician assistant program. Kathy Sandusky, regional director of the Jacksonville SEC, said NSU's goal is not only to educate top-quality physician assistants, but to keep them in the area, which needs more health care professionals.

This year, the Fort Myers site of the Southwest Florida SEC will move into a new, four-story, 60,305-square-foot building that will house a new baccalaureate nursing program, as well as speech-language pathology, physician assistant, education, and other programs. "The new location will enable NSU to better accommodate our students who live throughout south-west Florida," said Joe Pepe, SEC regional director.

In the future, Nellis envisions the university's academic site in Daytona Beach developing into an SEC to serve Volusia County, and for other SECs to be housed in NSU-owned buildings.

"We have already made dramatic changes in how the university conducts its business off campus," said Nellis. "We'd like to expand the SECs to give more people access to NSU's high-quality education."

For more information about the SECs, please visit www.nova.edu/sec. ■

KEN MA IS NSU'S SENIOR PUBLIC RELATIONS COORDINATOR.

ELLA GOODEN IS NSU'S DIRECTOR OF SPECIAL PROJECTS FOR THE STUDENT EDUCATIONAL CENTERS.

GREGORY M. VECCHI, PH.D.

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Vecchi left the army in 1992 and secured work as a special agent in the Office of the Inspector General for the U.S. Department of Agriculture, and subsequently in the U.S. Department of Justice, where he worked food stamp and public corruption cases, respectively. With this valuable experience, Vecchi joined the FBI in 1996, where he worked on drug cases and Russian organized crime cases in Miami, Florida.

During his time with the FBI's Miami Division, Vecchi took a keen interest in hostage-taking after observing a negotiator talk a violent individual out of a house. Vecchi explained, "I was fascinated by the way the negotiator used his verbal skills to influence this violent individual to surrender to agents without a fight." Vecchi subsequently became a certified FBI negotiator and a graduate of the London Metropolitan Police Service's National Negotiation

Course. He gained experience in barricaded captive situations while working in Miami.

Vecchi was able to take advantage of programs offered at the University of Alabama, allowing him to attain a Master of Science in Criminal Justice in 1999. Vecchi's attraction to hostage negotiation is what led him to attain his Doctor of Philosophy in Conflict Analysis and Resolution in 2006 from NSU's Graduate School of Humanities and Social Sciences. He says that the curriculum's theory and qualitative approach has been central to his understanding of hostage negotiation, perpetrator motivation, and crisis management, "understanding how to effectively deal with another person's needs and perceptions is paramount to understanding his or her motivation and crisis communication response."

Because of his distinguished service to the FBI and the law enforcement

community, Vecchi was presented with NSU's Graduate School of Humanities and Social Science's 2008 Distinguished Alumni Award.

Between leaving Miami and accepting his current position with BSU, Vecchi spent time in Iraq in support of the FBI's counterterrorism mission. As a member of the FBI's Crisis Negotiation Unit, he gained experience in overseas kidnapping situations. He believes that his interest and passion for global hostage-taking and crisis management, backed up by his experiences and education, have led him to the Behavioral Science Unit. "It is a dream come true to work where I can make significant contributions to street agents, law enforcement officers, and others who put their lives on the line for us every day. I am honored to serve them in this unique capacity." ■

FELECIA HENDERSON IS NSU'S ASSOCIATE DIRECTOR OF PUBLIC AFFAIRS.

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Women's Golf Team, and
Women's Rowing Team

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