

INNOVATIONS CONNECT ACADEMIC ADVANCEMENTS TO THE MARKETPLACE

In the near future, three College of Health and Human Sciences inventions, designed to promote fitness and well-being, will likely make the leap from the scholarly halls of academia to the general marketplace.

Dan Benardot's EnergyWatch™ helps individuals balance their calorie intake with bodily needs, Tai Wang's innovative wheelchair is more ergonomic for users, and Ph.D. nursing student Margi Williams' Adaptive Crawler™ assists disabled infants.

Benardot, an associate professor of nutrition, conceived the idea for a novel wristwatch based on his research about caloric intake and energy balance. In the lab, Benardot showed a person might have a surplus or deficit of energy at any particular time – even if their daily caloric intake equaled their body's overall needs.

“To make an analogy, let's say you need 30 gallons of gas for a trip, but your car only has a 15-gallon tank. Trying to buy more gas than the tank will hold is futile,” Benardot says. “It's the same for humans, but instead of fuel spillover, excess calories are converted to fat.”

For athletes, dieters, and others concerned about body composition, EnergyWatch™ ensures an individual consumes energy when the body needs it. Benardot has developed a web site, www.sportsnutritionclinic.com, which complements the watch, and he's currently negotiating production with manufacturers.

Like Benardot's wristwatch, Wang's wheelchair is based on research findings. An associate professor of physical therapy, Wang studies wheelchair locomotion. He discovered that a typical wheelchair, which works by rotating rims on the wheels, also puts anatomical strain on the user's shoulders.

Wang created a new wheelchair that rolls when the user pushes a bar that spans across the lap. Wang's invention also can be maneuvered with one arm – an especially useful feature for stroke patients.

“This wheelchair gives the user an anatomic advantage by focusing the muscle usage in front, and it also provides mechanical advantage since it's easier to push with much less effort,” Wang says.

He currently is working on further technical development and commercialization.

As a rehabilitative nurse at Children's Healthcare of Atlanta, Williams also was inspired to create a device to improve mobility for disabled individuals. She often works with children who have spina bifida, a severe birth defect that occurs when vertebrae don't form properly around the spinal cord. Infants with spina bifida have a difficult time crawling – a fact that affects social development.

To give babies with spina bifida a method of mobility when they're too young to use a wheelchair or crutches, Williams designed the Adaptive Crawler™ as part of her Ph.D. research.

The device, which looks like a paddle with three wheels,

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supports the baby's impaired lower extremities while allowing movement. So far, Williams' analysis of the crawler shows that infants who use the device have increased body strength and interact more with family, pets, and their environment.

“I raised two children and believe infants need floor time and the freedom to explore on their own,” Williams says. “The Adaptive Crawler™ gives babies with spina bifida more opportunities for social development.”





Dear Alumni and Friends,

As the demand for health and social service professionals in Georgia grows, so does the College of Health and Human Sciences. Our college has proudly graduated professionals in the areas of criminal justice, nursing, nutrition, physical therapy, public health, respiratory therapy, and social work for the past 38 years. We look toward the future with much anticipation. A report recently released by the Task Force on Health Professions confirms the critical need for our graduates at both the undergraduate and graduate levels. The full report can be found at http://www.usg.edu/pubs/taskforce_report0606.pdf.

Georgia State University recently broke ground on the new Parker H. Petit Science Teaching Laboratory building, which will be part of the Science Park. Our health sciences programs, including nursing, nutrition, physical therapy, public health, and respiratory therapy, will have teaching and laboratory space in this new facility.

The college continues to enjoy increased enrollment and credit hour production. We have enrolled 2,572 students this fall. The total number of credit hours for 2006 is up by 7% over the previous year, and we have experienced an 82% increase in credit hours generated from 1999 to 2006.

Our degree programs have experienced strong growth as well. The Doctor of Physical Therapy (DPT) degree is now in its second year with substantially increased enrollment. We continue to receive an overwhelming number of applications to our undergraduate nursing program. This fall we also increased our number of doctoral nursing students with the advent of a web-enhanced Ph.D. degree program. To keep pace with this growth, our college received over \$850,000 in new funding for the nursing program.

In May 2006, we graduated our first Master of Public Health (MPH) students. In addition, the college has added two new Fulbright Scholars – both of whom are enrolled in the MPH program.

In addition to serving the Atlanta community, our college reaches out to the world. Two public health professors recently implemented programs in Africa that explore disparities in reproductive and environmental health. Karen Giesecker, an assistant professor, is evaluating the future of a program designed to advance maternal and child health in Tanzania. Derek Shendell, an assistant professor, is working with the University of Ibadan in Nigeria to improve environmental and occupational health.

This summer we sent the 14th delegation of Georgia law enforcement officials to Israel through the Department of Criminal Justice's Georgia International Law Enforcement Exchange (GILEE). Later this year GILEE expects to lead the first group of Association of State and Territorial Health Officials (ASTHO) delegates to Israel to study the issues of public health and terrorism.

On a final note, our college is proud to have sponsored the fourth annual J. Rhodes Haverty Lecture, named for our college's founding dean. This year, Dr. Helene Gayle, president and CEO of CARE USA, delivered the lecture to our alumni, donors, and students.

Thank you for your continued support. Your contributions allow us to attract high caliber students and experienced faculty. We particularly enjoy hearing from our alumni. Please stay in touch by submitting news items using the form on the back of this newsletter or contacting our editor, Angela Arnold, directly at aarnold@gsu.edu. We look forward to hearing from you.

Thank you,

A handwritten signature in blue ink that reads "Susan J. Kelley". The signature is written in a cursive, flowing style.

Susan J. Kelley
Professor and Dean

Leader of CARE USA selected as Haverty Lecture speaker

Dr. Helene D. Gayle, president and CEO of CARE USA, presented the 4th Annual J. Rhodes Haverty Lecture on October 26, 2006 at Georgia State University to the largest group to date of alumni, donors, faculty, staff, and students. Dr. Gayle discussed the global impact of HIV/AIDS on women and children. With programs in 70 countries, CARE is one of the world's premier international relief organizations. CARE assists millions of people in recovery from natural disasters, prevention of HIV/AIDS, and gaining access to healthcare, education, safe water, and improved sanitation. In recent months, CARE has been instrumental in providing humanitarian relief to war-torn Beirut.



Dr. Helene Gayle, President and CEO of CARE USA

Gayle, who is a board certified pediatrician, has had an impressive career at numerous public health and social service agencies, including the Centers for Disease Control and Prevention, the World Health Organization (WHO), UNICEF, the World Bank, and UNAIDS. Immediately prior to her position at CARE, she was the Director of the HIV, TB and Reproductive Health Program at the Bill and Melinda Gates Foundation. A native of Buffalo, NY, Gayle received her B.A. from Barnard College of Columbia University, M.D. from the University of Pennsylvania, and M.P.H. from Johns Hopkins University.

The 2006 Haverty Lecture was sponsored by **DeKalb Medical Center, Georgia Hospital Association, Haverty Furniture Company, Kaiser Permanente, and St. Joseph's Mercy Foundation.**

The annual J. Rhodes Haverty Lecture was established in 2003 to honor the illustrious career of Dr. J. Rhodes Haverty, physician and founding dean of the College of Health and Human Sciences. During his 23 years as dean, Haverty built a nationally respected institution, enrolling over 1,000 students per year and employing more than 100 faculty. Under his tenure, the college offered a nursing degree program and established the first physical therapy program offered by any university or college in Atlanta. The college later launched degree programs in respiratory therapy and nutrition. Haverty retired in 1991, but has continued to stay active with Georgia State University and the college. He received an honorary doctoral degree in 2004.



Left to right: Dr. Susan Kelley, dean of the College of Health and Human Sciences, Elice Haverty, Dr. J. Rhodes Haverty, founding dean of the College of Health and Human Sciences, and Dr. Helene Gayle, President and CEO of CARE USA

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Two schools get new directors for the new academic year

The College of Health and Human Sciences welcomes new directors to two of its units: the School of Social Work and the Byrdine F. Lewis School of Nursing. Nancy P. Kropf, Ph.D., is the new director of the School of Social Work, and Barbara C. Woodring, Ed.D., is the director of the Byrdine F. Lewis School of Nursing.

Kropf comes to Georgia State University from the University of Georgia, where her last position was associate dean of the UGA School of Social Work. She was previously associate provost. Kropf has held an endowed chair at St. Thomas University in Canada and taught at Virginia Commonwealth University, where she also received her Ph.D. She completed her M.S.W. at Michigan State University and her B.A. at Hope College, also in Michigan.

Kropf brings a wealth of social work experience to Georgia State. She has had many funded projects, including grants from the Canadian Embassy, the Georgia Seed Grant Consortium, the John A. Hartford Foundation, and the Gerontology Society of America.

She has also established herself as a leading scholar in the field of Social Work. Recent works by Kropf have been published in the *Journal of Intergenerational Relationships*, *Advances in Social Work*, the *Journal of Evidence-based Social Work*, and the *Journal of Human Behavior in the Social Environment*.

Woodring, who replaced the retiring Alice Demi, comes to Georgia State with considerable nursing education experience. She was most recently the associate dean of undergraduate programs and deputy director of the World Health Organization Collaborating Center at the University of Alabama School of Nursing in Birmingham. Woodring has also held administrative and teaching positions at several prominent universities, including the Medical College of Georgia, Rush University, and Northwestern University. She began her nursing career at Union Memorial/Johns Hopkins Hospitals in Baltimore, Maryland.

Woodring has authored or co-authored numerous publications with nursing colleagues from around the country, including three books, 10 book chapters, and dozens of journal articles. A pediatric nurse by training, Woodring is currently the President of the National Society of Pediatric Nurses. She has shared her expertise through consulting and mentoring nurses and nursing students around the world, from Hong Kong to Uganda. She has also been a member of the Red Cross Disaster/Trauma Team for many years, serving in flood and disaster relief operations.

Woodring holds an Ed.D. in Higher Education Administration from Ball State University, and master's degrees from Johns Hopkins University, Ball State University, and the University of St. Francis. She received her Bachelor's of Science in Nursing degree from Grace College in Indiana.

First Master of Public Health students graduate

Four students became the first graduates of Georgia State University's newly offered Master of Public Health degree program in May 2006. The degree is the first to be offered by a public university in the metropolitan Atlanta area, a significant achievement in a city known as the public health capitol of the world. The graduates themselves have strong, varied backgrounds. They include a physician; a U.S. educated Indian businessman with a background in psychology and gerontology; and a student fluent in four languages, with a background in biology and urban environment and health. Three additional students graduated during summer commencement: Meg Watson, Aimee Patel, and Mehrdad Ehteshami.



The first graduates are shown (from left to right): Satvinder "Pearly" Dhingra, Sharon Pritchett, Denyse Nanan, and Ahmed El-Seddawy.

Mayor of Atlanta Addresses Annual Project Healthy Grandparents Luncheon

Georgia State's Project Healthy Grandparents (PHG) honored grandparents raising grandchildren during its annual luncheon this fall. Keynote speaker City of Atlanta Mayor Shirley Franklin addressed over 185 grandparents, donors, and university faculty and staff. In addition, Dr. Claire Coles and The Marcus Institute were recognized for their contributions to Project Healthy Grandparents.

The luncheon was sponsored by several prominent Atlanta-area and national businesses and individuals, including presenting sponsor and long-term PHG supporter **Kilpatrick Stockton, LLP**. The other luncheon sponsors were: **AARP, InterContinental Hotels Group, Georgia Senator Emanuel Jones and Legacy**



City of Atlanta Mayor Shirley Franklin delivers the keynote address at the annual Project Healthy Grandparents luncheon.



City of Atlanta Mayor Shirley Franklin took time out of her busy schedule to visit with a number of grandparents during the annual Project Healthy Grandparents luncheon. Mayor Franklin autographed programs and posed for photos after the formal luncheon program ended.

Ford Mercury, the Kroger Company, Publix Super Markets, Roy B. Robinson III and the R.B. Robinson Company, and Southern Company/Georgia Power Company.

PHG, established in 1995 by Susan Kelley, dean of the College of Health and Human Sciences, provides grandparents with resources to aid in raising grandchildren and has served more than 550 families, including over 1,250 children. Project Healthy Grandparents has been replicated at the University of Georgia, Valdosta State University, and the Medical College of Georgia, as well as nationally at the University of Maryland in Baltimore and Winston-Salem State University in North Carolina.

Did you know?

The College of Health and Human Sciences has launched a new web site in conjunction with Georgia State's efforts to strengthen our public image through uniform visual branding. The newly designed college web site focuses on reaching prospective and current students. The college web site has been completely revamped and is the first phase of a total redesign involving all college departments, units, centers, and institutes. Watch for individual college unit web sites to roll out later in the academic year. Visit the site at: <http://chhs.gsu.edu/>.

Chancellor Davis invests heavily in Georgia State nursing program

In one of his earliest initiatives after taking office, new University System of Georgia Chancellor Errol B. Davis, Jr. led the Board of Regents to allocate \$859,487 to Georgia State University's Byrdine F. Lewis School of Nursing. This allocation is part of a major new University System of Georgia (USG) initiative to address the statewide shortage of nurses and nurse educators.

"We will accelerate the production of nurses at as many locations and in as many different ways as possible," Chancellor Davis said, describing the initiative. "Our goal is to drive our budget allocations toward system-wide priorities and compelling needs in key policy areas. The nursing shortage represents a critical issue for the state."

Part of the funding, \$400,000, has been allocated for the undergraduate accelerated nursing program. The remaining funds will enable Georgia State to partner with four other USG institutions to establish

a statewide web-enhanced doctoral program (Ph.D.) in nursing. While students will be on campus several times each semester, the majority of the classes will be taught via distance education technology on the campuses of four partner institutions: Armstrong Atlantic State University, Georgia College & State University, Georgia Southwestern State University, and Valdosta State University.

The new program is designed to increase the number of doctorally prepared nursing faculty. Currently, the national nursing shortage is being exacerbated by a shortage of nursing faculty. Georgia State University is one of only three universities in the state to offer the advanced degree. By decreasing the amount of travel into Atlanta, earning a Ph.D. will be more attractive to students in rural locations. The school increased enrollment by 10 students in the fall and expects to enroll an additional 20 in the following two years.

Professor donates Olympic keepsakes and research to museum

With hoards of memorabilia from various Olympics, Dave Martin is a self-proclaimed packrat. But the professor emeritus' collecting nature paid off earlier this year when he donated his extensive compilation of souvenirs and original documents to the Centennial Olympic Games museum collection at the Atlanta History Center.

Martin, who became interested in the Olympic movement while he was still a graduate student, has both personal and professional ties to the games. He's attended every Olympics since 1984, extensively researched elite athlete performance, and advised numerous U.S. Olympic marathon teams.

"Over the years, I amassed a large number of Olympics-related academic materials and keepsakes from the games," Martin says. "My house hasn't gotten any bigger, but my work space has gotten a whole lot smaller."

With most of his collection packed in boxes, Martin realized that not even he could enjoy the items. He decided to donate his academic materials to the Atlanta History Center's research library, and he contributed various memorabilia – including ticket stubs, a coin collection, and specialty items from various closing ceremonies – to the center's Olympic museum.

Martin also served as a consultant to the museum's sports lab, which lets visitors compare their athletic abilities with those of Olympians.

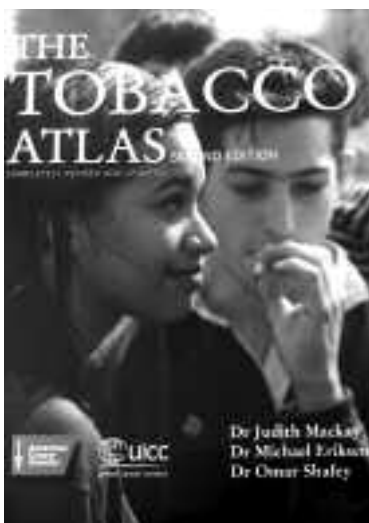
"Some people ask how I can part with my treasures, but I've reached a point where I want to know these items have a permanent home," Martin says. "It makes me happy to see other people enjoying Olympics memorabilia I've collected. This has been a labor of love."



Left to right: Dr. Carl V. Patton, president of Georgia State University; Jim Bruns, President and Chief Executive Officer, Atlanta History Center; Dr. David Martin, Regents professor emeritus of the College of Health and Human Sciences; and Dr. Susan Kelley, dean of the College of Health and Human Sciences at the Atlanta History Center's 1996 Atlanta Olympic Games Exhibit.

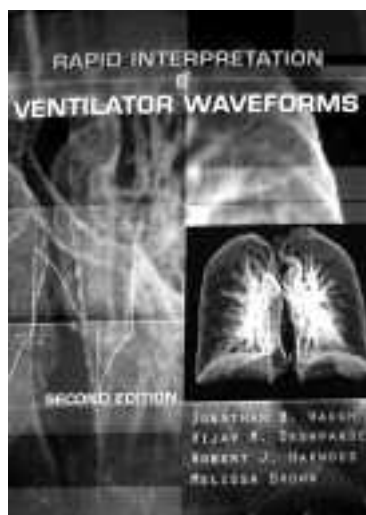
Michael Eriksen, professor and director of the Institute of Public Health recently co-authored the second edition of *The Tobacco Atlas* (American Cancer Society, 2006, 128 pgs.). Written as a follow-up to the first edition published in 2002, the new book incorporates many of the recent research findings of Eriksen and his two co-authors, Judith Mackay and Omar Shafey. The book covers all facets of the global tobacco control epidemic including the projection that smoking is estimated to kill 10 million people annually by the year 2020.

The second edition of The Tobacco Atlas was released in conjunction with the World Cancer Conference...



The second edition of *The Tobacco Atlas* was released in conjunction with the World Cancer Conference and the World Conference on Tobacco or Health held this past July in Washington, D.C. The second edition of the Tobacco Atlas has been translated into Spanish, French and Chinese and an interactive version is available on the web at www.tobaccoresearch.net/atlas.htm.

Bob Harwood, clinical assistant professor, and **Vijay Deshpande**, assistant professor emeritus of respiratory therapy co-authored *Rapid Interpretation of Ventilator Waveforms*, 2nd



edition, along with two non-Georgia State University faculty. Written for both students and experienced respiratory therapists, the book is a well-illustrated, text that provides examples of actual waveforms. This edition also provides links to the case studies via the publisher's web site.

...the book is a well-illustrated, text that provides examples of actual waveforms.

Recently published book chapters:

Dan Benardot, associate professor of nutrition:
Benardot, D. and Thompson, W.R. "Chapter 11: Nutrition," in: Thompson, W.R. and Baldwin, K.E. (Eds). *ACSM's Resources for the Personal Trainer, 2nd Edition*. Lippincott Williams & Wilkins: New York. (c) 2007

Missy Cody, associate professor and division head of nutrition:
Cody, M. "Protect the Food Supply." Kaufman, M., ed. *Nutrition in Promoting the Public's Health: Strategies, Principles and Practice*. Sudbury, MD: Jones and Bartlett Publishers, Inc. 2007

Institute of Public Health Completes Self-Study for Accreditation

The Institute of Public Health (IPH) recently completed its self-study for accreditation by the Council on Education for Public Health. IPH, which began its Master of Public Health (MPH) program in 2004, has been scheduled for a site visit in January 2007, with the goal of attaining accreditation in spring 2007.

Accreditation provides a measure of quality assurance for students, public health employers, funding agencies, private partners, and the university as a whole, enhancing reputation and peer recognition.

The MPH program has grown to more than 100 graduate students.

It offers public health education in prevention science, health promotion and behavior, and public health management and policy tracks. Each student must complete a 400-hour practicum and thesis prior to graduating. There are currently seven full-time IPH faculty members.

Stakeholder input is an important part of the accreditation process. IPH invites interested individuals to review the self-study and comment on the MPH program (<http://publichealth.gsu.edu/pdf/SelfStudy.pdf>). Comments should be sent to: mmulvanity@ceph.org.

Professor evaluates program addressing commercial sexual exploitation

After the FBI identified Atlanta as a hub for the sexual exploitation of children, the local non-profit Juvenile Justice Fund created a program to address the issue.

With sexual exploitation of children on the rise nationally, there's now increased interest in learning about the effectiveness of Juvenile Justice Fund's efforts, says **Mary Finn**, a professor of criminal justice. To answer these questions, the Department of Justice recently awarded \$450,000 to Finn and other researchers from Georgia State University, including Brenda Blackwell in criminal justice, James Wolk in social work, and Leslie Jackson in psychology.

In the Juvenile Justice Fund's program, more than 30 agencies collaborated to enhance community awareness about commercial sexual exploitation, enhance communication among agencies, train professionals, and improve care for victims. Finn and her colleagues will evaluate whether the effort is preventing sexual exploitation of children, as well as explore potential improvements.

"This is important because we sometimes create proposals that look good on paper, yet don't happen in practice the way we envisioned," says Finn, whose research will take two years. "With a thorough evaluation, other cities will be able to implement an intervention that's more informed."

Is it all in her head?

For many years women commonly believed that migraine headaches were not a real illness, just a condition to endure. But **Peggy Moloney**, associate professor of nursing, who is conducting a new study on women and migraines, says that research shows a direct correlation between a woman's hormonal cycle, stress, and the onset of migraines.

Moloney, who has completed three previous studies on women and migraines, is launching her new National Institute of Health funded study in a revolutionary manner. Aided by her co-investigator and technology expert, Stuart Myerburg of Emory University, she conducts all her research on the Internet, requesting study participants to maintain a daily on-line diary of health. These diaries allow each woman to see her own headache patterns and what conditions might trigger a migraine.

Moloney believes this information is vital to the participants because it will aid their primary care provider in diagnosis, increase the ability to treat the headache at early onset, and decrease the pain and severity of the headache, with proper medication and self-care.

"As a woman with migraines, you may not have a sense of control of your life if you don't know what is going to bring on the headache. The measures women take to keep going during a migraine episode are extraordinary," says Moloney.

Improving diets of grandparent-headed families

Fried chicken and biscuits with gravy – grandma's cooking and comfort foods go hand in hand. But if grandma raises her grandchildren, how can she change eating habits to keep the whole family healthy? This is the challenge for **Jana Kicklighter**, associate professor of nutrition.

Working with grandparents from Georgia State University's Project Healthy Grandparents, Kicklighter sought ways to aid grandparents in improving their families' diets. Unlike many senior adults, these grandparents enjoyed the social interaction of family; they were motivated to eat healthy, not only for themselves but to educate their grandchildren.

Cultural and economic hurdles and the grandchildren's food preferences were hardest to overcome. Although the grandparents prepared more meals at home than most families, going out to eat meant fast food. Meals cooked at home featured traditional southern fare – typically high in fat, sodium, and sugar – which grandparents hesitated to abandon.

Research results revealed that grandparents' nutrition and physical activity knowledge significantly increased in the study. Grandparents reported they learned the most about appropriate portion size, methods for preparing tasty food in healthier ways, and how to read labels for fat, sugar, and fiber.

Cerebral palsy patients perform differently in clinical and natural environments

To assess children with cerebral palsy, clinicians use standardized tests administered in a controlled environment. Yet, the difference between how patients perform in a testing situation and how they function in more natural surroundings is often significant, says **Beth Tieman**, assistant professor of physical therapy.

Cerebral palsy, or CP, is a broad term that describes movement disorders appearing in the first few years of life. Some children with CP walk independently, while others use crutches or wheelchairs.

Tieman has conducted numerous studies to see if CP evaluation tests accurately predict how children perform in everyday settings such as home or school.

She found that office-based tests measure a child's capability but don't necessarily reflect the child's performance in more customary surroundings. Her findings suggest that therapists, nurses, and doctors shouldn't rely too heavily on results from existing CP evaluation tests.

"We know clinicians may not have the luxury of observing patients in outside settings, but the idea is to think outside the box," says Tieman, who has published her work in several journals. "What we see in clinic isn't always what the child is doing in real life."

New ways to diagnose an old disease

If you had the skin prick tuberculosis (TB) test as a child, you may think TB is a disease of the past. However, since the mid 1980s, TB has been on the rise in the U.S. Many American healthcare workers are unfamiliar with the symptoms, prompting educators to seek new, innovative ways to teach current health care workers proper diagnosis.

Lynda Goodfellow, associate professor of respiratory therapy and director of Georgia State's School of Health Professions, works with a national consortium of educators led by Antonino Catanzaro, M.D., of the University of California San Diego, to develop a web-based curriculum. The grant, funded by the National Institutes of Health, is responsible for the creation of on-line practice interviews with simulated patients and games to strengthen diagnostic skills.

Goodfellow says the consortium recently wrote questions to be used on the national board examination for all new respiratory therapists. She says these questions ensure that faculty are teaching TB management to future respiratory therapists.

"In some parts of the country, such as South Dakota, healthcare providers may never see a case of TB first hand, so this curriculum is important to teach them what to look for if they do encounter a case," says Goodfellow.

New project supports families of murder victims

Every time a murder occurs, the victim's family often begins a daunting interaction with the criminal justice system. Through investigation, trial and appeals, the family must relive their tragedy many times. Often, defense attorneys unwittingly add to those difficulties.

Elizabeth Beck, associate professor of social work and longtime researcher of victimization, created a program to help defense lawyers understand the needs of murder victims' families. Using principles of restorative justice – which focuses on the harm communities suffer when a crime is committed and attempts to repair them – Beck created the Georgia Council for Restorative Justice (GCRJ), funded by the organization Justice Equality Human Dignity and Tolerance.

GCRJ is training victim outreach specialists, who work with lawyers and judges to encourage sensitivity to victims who are present in the courtroom.

Beck and GCRJ's project director, Pamela Leonard, say the program seeks to make the criminal justice process more inclusive and less traumatic for all involved.

"This is an effort to bring more humanity to the criminal justice system," Leonard says. "We want to help defense teams become more aware of and responsive to the needs of victims."

Initiatives in Africa improve reproductive and environmental health

Two professors recently implemented programs in Africa that explore disparities in reproductive and environmental health – further expanding the Institute of Public Health's efforts to solve health issues in developing countries.

Karen Gieseke, an assistant professor, is assessing the sustainability of a program designed to advance maternal and child health in Tanzania. **Derek Shendell**, an assistant professor, has partnered with the University of Ibadan in Nigeria to improve environmental and occupational health.

Between 1997 and 2002, the Centers for Disease Control and Prevention and the humanitarian organization CARE managed a community-based reproductive health program in the Mwanza region of Tanzania – a region known for high maternal and infant mortality. The program sought to reduce these rates by providing training, improving local infrastructure, and helping villages create transportation to the closest health center.

Gieseke has partnered with CDC and CARE to evaluate the program's long-term impact. She and her colleagues will survey community and health workers, analyze health care data, and identify additional health-improvement opportunities to decrease Tanzania's maternal and infant mortality rates.

"Many outside agencies enter a country and establish programs in an effort to improve a situation," Gieseke says. "We're trying to figure out what it takes for those programs to continue after the research dollars are gone."

On the other side of the African continent, Shendell's project focuses on increasing knowledge about Nigeria's environmental health issues by establishing a new training program. In addition to offering professional workshops in Nigeria, the project allows Nigerian health care workers to enroll in the Master of Public Health degree program at Georgia State University. The program will also sponsor several pilot field studies to address specific Nigerian environmental and occupational health issues.

Earlier this year, Shendell received funding from Georgia State's International Strategic Initiatives Program to facilitate a partnership with the University of Ibadan and begin implementing the training program. He's also pursuing additional funding to expand the partnership, which includes researchers from Eco-Action in Atlanta, Emory University, and University of Georgia.

"We hope our urban focus and partnerships lead to increased scientific understanding about Nigeria's environmental health issues," Shendell says. "For example, Nigeria has few existing resources for outdoor air quality, which we know is strongly linked to the health of communities and individuals."

Long time college leaders retire

Alice S. Demi retired from her position as director of the Byrdine F. Lewis School of Nursing following 19 years of teaching at Georgia State University. Demi previously served as associate dean of academics for the College of Health and Human Sciences.

She began her career in nursing as a staff nurse, holding a variety of positions at hospitals around the country. In the mid-1970s, Demi helped to found the second hospice in the U.S., Hospice of Marin in California, and served as director of nursing services before actively pursuing an academic career. She has taught at a number of colleges and universities including the Medical College of Georgia, University of Tennessee and the University of Colorado.



Alice Demi, retired Professor and Director of the Byrdine F. Lewis School of Nursing.

Demi's research interests are as varied as her career. She has extensive knowledge of the issues of bereavement and survivors' guilt, worked with March of Dimes on a Better Brains for Babies program, and researched asthma in children. Demi has published two books, over 50 articles, and numerous papers. She has been an active leader in the nursing doctoral program, chairing the dissertations of 22 doctoral candidates.

She is a past president of the state chapter of the American Association of University Professors and past Vice President of Sigma Theta Tau, Epsilon Alpha Chapter. Demi earned her M.S.N. at the University of Texas and her D.N.S. from the University of California, San Francisco.

Demi is looking forward to spending her retirement with family, especially her grandchildren, volunteering at PAWS animal shelter, traveling, and getting in shape to hike in Patagonia.

Becky Cain, director of the Office of Academic Assistance, retired after 29 years in the College of Health and Human Sciences. Cain has seen the college through many changes in name and degrees offered, from the college's early days as the School of Allied Health under founding dean Dr. J. Rhodes Haverty.

She came to Georgia State after graduating from Auburn University and began her career in the associate's degree program for medical assistants specializing in pediatrics. In 1991, Dr. Haverty centralized the college's advisement activities and Cain developed the Office of Academic Assistance (OAA) with four other advisers, two of whom are still working in OAA.

Cain has seen numerous other changes in the college. In her unflappable style, she has enjoyed the challenges of the establishment of new programs, the phasing out of others, and the reorganization of the university, which brought the School of Social Work and the Department of Criminal Justice to the college from the former College of Public and Urban Affairs.



Becky Cain, retired Director of the Office of Academic Assistance

Most remarkably in this age of frequent employee turnover, Cain has spent her entire Georgia State University career in the College of Health and Human Sciences, all on the 8th floor of the Urban Life Building.

Georgia International Law Enforcement Exchange hosts Israeli police chiefs

Georgia State recently hosted the 12th delegation of Israel Police Chiefs for a two-week study on how U.S. law enforcement officials provide public service to citizens. The officers received a review of U.S. law enforcement techniques at a Georgia International Law Enforcement Exchange (GILEE) hosted seminar on the Georgia State campus prior to observing public service in action around the state. The delegates visited a variety of law enforcement units including: the Georgia State Patrol and Georgia Bureau of Investigation; city police departments in Atlanta, Columbus, Covington, Marietta, and Savannah; county sheriff offices in Forsyth, Lumpkin, Muscogee, Rockdale, and Worth counties; the Georgia Public Safety Training Center in Forsyth; and Central Atlanta Progress' Ambassador Force as well as private security. The delegation visited the Dr. Martin Luther King, Jr., National Historic Site.

The delegation also had the opportunity to speak with 400 high school students at a forum in Savannah to present the Israeli experience and answer questions about how a democratic country addresses the threat of terrorism.

"The Israel Police has been under immense pressure in the past three decades to prevent terrorism and to address traditional crime. This delegation is visiting the U.S. to learn how U.S. law enforcement provides public service and will bring this knowledge back to Israel to improve the quality of public service delivered by the Israel Police," says **Robbie Friedmann**, criminal justice professor and founder/director of GILEE.

Dan Benardot, associate professor of nutrition, and **Dave Martin**, Regents Emeritus professor of respiratory therapy, were featured in the *New York Times* 'Science' section's lead article on American marathon runners preparing for the 2007 World Championships and 2008 Beijing Olympic Games. Martin has been researching hydration issues and Benardot has studied the performance effects of the athletes' diet and eating patterns.

Sue Carter Collins, assistant professor of criminal justice, was interviewed for a *Portland Tribune* article on the issue of sexual harassment inside police precincts and how retaliation by fellow officers can severely undermine a female officer's career.

Michael Eriksen, professor and director of the Institute of Public Health, commented on the global tobacco epidemic and the continuous rise in smoking rates and potential smoking deaths in the *Atlanta Journal-Constitution*. The second edition of his book, *The Tobacco Atlas*, has just been released.

Robbie Friedmann, professor of criminal justice, commented on the new airport security measures restricting liquids, in the *Atlanta Journal-Constitution*. He warned danger remained despite new security measures, noting that it is difficult to balance "security, convenience and liberty." Friedmann also discussed the problems the U.S. faces in dealing with the latest violence in the Middle East in an article published in the *Gainesville (GA) Times*. Friedmann believes that Iran and its backing of Hezbollah are major issues in the fight against terrorism.

Susan Kelley, professor of nursing and dean, spoke with the *Terre Haute Tribune Star* about the issues facing grandparents raising grandchildren. She commented on the fact that while many grandparents are eager to raise their grandchildren, many are often overwhelmed with trying to meet more than the children's basic needs. Poor health, fixed incomes and transportation problems all contribute to the grandparents' challenges to keep the child or children out of the risk of repeating what may have been the parents' mistakes that took them away from their children.

Dave Martin, Emeritus Regents Professor of respiratory therapy, recently observed a local Colorado marathon, the Bolder Boulder. Martin, who has extensively researched athlete performance and advised the medal-winning U.S. Olympic marathon team, was impressed with the race and condition of the athletes. His observations were covered by the *Denver Post*.

Volkan Topalli, assistant professor of criminal justice, was profiled on his street crime research in *Creative Loafing*. In the article Topalli discussed his techniques for getting fresh and accurate information about street life from criminals, whom the public would fear as dangerous. He speaks street criminals' language and is thus able to gather information that would otherwise be inaccessible to researchers.

Nursing

Sandra Gritz, undergraduate nursing student, was one of two Georgia State University students who recently received the Georgia Executive Women's Network scholarship. The network annually recognizes non-traditional students enrolled in metro-Atlanta colleges and universities.

Amanda Hardy recently received the Healthcare Information and Management Systems Society (HIMSS) Undergraduate Scholarship. She will be attending the annual HIMSS Conference in New Orleans from February 25 - March 1 as part of the scholarship award.

Public Health

The college has two new Fulbright scholars. **Khoaja Khlaed** of Afghanistan and **Ban Majeed** of Iraq are enrolled in the Master of Public Health program. They are the third and fourth Fulbright scholars for the College of Health and Human Sciences.

Four Master of Public Health students – **Karen Chocho**, **Belsie Gonzalez**, **Sandy O'Meara**, and **Daniela Salas**, along with a public policy graduate student, planned and coordinated the CITY-AIDS Americas conference. The conference, a joint initiative of the International Center for the Training of Local Authorities in Atlanta, United Nations Institute for Training and Research, and UNAIDS, allows for participants to share best practices in treating and managing HIV and AIDS.

"While I am not an expert in HIV/AIDS ... my role was to serve as a host and coordinator so that those who work in HIV/AIDS could come together to share what they do best and become more effective and efficient in working towards change. This conference was a wonderful opportunity to improve my skills in managing projects and to enable the HIV/AIDS experts to do their job better," said O'Meara.

Physical Therapy

Adrienne Thomas, a second year Doctor of Physical Therapy student, was awarded the national Congressional Black Caucus Education Scholarship Foundation Award.

New faculty

Huey-Jen Chen, visiting assistant professor of nursing, specializes in mental health nursing and came to Georgia State from the University of South Florida, Louis de la Parte Florida Mental Health Institute. Her research interests are health service and health disparity, especially in minority and vulnerable populations of adults and children with mental illness. Chen holds a Ph.D. in Nursing from the University of South Florida. She is also a psychiatric mental health nurse practitioner.

Vedica Eastman, assistant clinical professor, is a clinical nurse specialist with expertise in mental health/psychiatric and addictions nursing. She previously was a psychiatric nurse case manager with a home health care agency; a unit nurse director for an alcohol and drug treatment center; a psychiatric clinical nurse specialist; and an instructor in several schools of nursing. She began her nursing career at Grady Hospital's psychiatric unit after graduating from Grady's School of Nursing. She received her B.S.N. from North Carolina Central University and her M.S.N. from Duke University.

Julie Jefferson, clinical assistant professor of physical therapy, comes to Georgia State from the University of Central Arkansas, where she was the director of clinical education for the Department of Physical Therapy. Jefferson received her D.P.T. from the University of Central Arkansas. She is certified by the American Board of Physical Therapy Specialists as a pediatric specialist.

Catherine McCarroll, visiting instructor of nutrition, was previously a program coordinator for the CDC Experience, a fellowship program at the Centers for Disease Control and Prevention, which provides medical students with experience in epidemiology and public health. She is also a partner with Nutrition Solutions, Inc., which provides support services, including continuing education, for dietitians.

Wendy Pogorzelski, assistant professor of criminal justice, received her Ph.D. from the School of Criminal Justice, University at Albany. Before joining Georgia State University, she held a National Institute of Mental Health postdoctoral fellowship at Rutgers University. Her research agenda focuses on the social and political processes of criminal courts and the public health dimensions of the criminal justice system. Her teaching interests include American criminal courts and judicial processes, media and crime, court-based community justice interventions, and mental health issues in the criminal justice system.

Kim Schippits, clinical associate professor of nursing, comes to Georgia State University from the Thomas Jefferson University in Philadelphia. She is a cardiac care specialist with extensive experience at major hospitals in five states.

Lionel Scott, assistant professor of social work, comes to Georgia State from Washington University in St. Louis where he completed a post doctoral fellowship. His research interests include racial disparities in the utilization of specialty mental health services, sociocultural determinants of health disparities,

and the psychosocial functioning and help-seeking behaviors of ethnic minority youth and older foster youth. Scott holds a Ph.D. in social work from Ohio State University.

Traci Sims, clinical instructor, joined the Byrdine F. Lewis School of Nursing faculty mid-year. She is a Clinical Nurse Specialist focused on psychiatric nursing and has been employed with several school systems in Tennessee and Georgia.

John Steward, academic professional in the Institute of Public Health and program manager for the Partnership for Urban Health Research, spent 30 years on active duty in the Commissioned Corps of the U.S. Public Health Service. He was assigned to the Centers for Disease Control and Prevention for the past 20 years, where he conducted programs and research on healthy communities, environmental health, chronic disease prevention, and injury prevention. He is an environmental health specialist and received his M.P.H. degree from the University of Michigan.

Christina Tice, clinical instructor of nursing, was previously employed by Kaiser Permanente in the Southeastern Medical Group. A certified nurse-midwife, she provided a wide range of care to patients at Northside Hospital, one of Atlanta's busiest obstetrical hospital units.

Ralph "Chip" Zimmerman, clinical instructor of respiratory therapy, comes to Georgia State University from Children's Healthcare of Atlanta, where he was a respiratory therapist in the pediatric intensive care unit and on the children's response transport team.

Faculty on the Move

Congratulations to the College of Health and Human Sciences faculty who were promoted this academic year:

Mary Finn – Department of Criminal Justice, promoted to professor;

Fred Brooks – School of Social Work, promoted to associate professor with tenure;

Niamh Tunney – Division of Physical Therapy, promoted to clinical assistant professor.

In addition, two recent retirees have received emeritus status:

Alice Demi, former Byrdine F. Lewis School of Nursing director, is professor emeritus;

Vijay Deshpande is assistant professor emeritus of respiratory therapy.

Kudos

Dan Benardot, associate professor, was recently appointed to a three-year term on the International Affairs Committee of the American College of Sports Medicine.

Myra Carmon, associate professor of nursing, received the 2006 Grassroots Advocacy Award presented at the National Association of Pediatric Nurse Practitioners' 27th Annual Conference in Washington, D.C. The award recognizes a member who has demonstrated sustained advocacy in the area of child health policy or professional practice issues for pediatric nurse practitioners. She also testified before the state legislature in support of the prescriptive rights for nurse practitioners.

Patricia C. Clark, associate professor of nursing, was named to the board of directors of the Rosalynn Carter Institute for Caregiving (RCI). RCI was formed in honor of First Lady Rosalynn Carter in 1987 at her alma mater Georgia Southwestern State University (GSW) in Americus, Georgia. The RCI aims to promote the mental health and well-being of individuals, families and professional caregivers; encourage effective care-giving practices; build public awareness of caregiving needs; and advance public and social policies that enhance caring communities. Clark has worked with informal caregivers for over a decade, primarily family caregivers of persons with chronic illness, more specifically stroke, heart failure, and Alzheimer's disease.

Missy Cody, associate professor and division head of nutrition, has been named as September's Woman of Distinction by the Girl Scout Council of Northwest Georgia, Inc. Cody, who has been involved in Girl Scouts in various positions including troop leader, service unit director, and chair of key committees, recently accepted a new volunteer position with the council as the volunteer membership chair.

Valerie Hepburn, assistant professor and associate director of the Institute of Public Health, has been awarded a Packer Policy Fellowship from the Commonwealth Fund and the Australian Department of Health and Ageing. The competitive health policy fellowship program annually selects two outstanding, mid-career U.S. health policy researchers to work in Australia conducting original research and working with leading Australian health policy experts on issues of relevance to both countries. Hepburn's research will analyze comparative health workforce planning and policy issues, specifically related to education, financing, and regulation.

Susan Kelley, dean and professor of nursing, was part of the state Task Force on Health Professions Education team, which included college and university presidents, vice presidents, chairs, and faculty from around the state. The task force studied the future of health care education in Georgia. This group examined projected areas of critical shortage (i.e., nursing, physical therapy, respiratory therapy), programming strengths and weaknesses, and strategized ways to fill these gaps.

Jana Kicklighter, associate professor of nutrition, has been elected to the 2006-2007 Nominating Committee for the American Dietetic Association's Nutrition Education for the Public (NEP) Dietetic Practice Group. NEP is comprised of 1,236 members involved in the design, implementation, and evaluation of nutrition education programs for target populations.

Jan Ligon, associate professor of social work, has been appointed as Associate Dean for Research for the 2006-2007 academic year. An experienced researcher who has secured almost \$700,000 in extramural funding since joining the faculty in 1998, Ligon currently chairs the college's Graduate Faculty Committee.

Deborah Michael, academic professional in physical therapy, was awarded the Lorraine F. Lake Award for 2006 from Washington University in St. Louis, as the outstanding student in her post-professional Doctor of Physical Therapy (D.P.T.) program.

Felisha Norrington, former director of student and community services for social work, was named the director of the Office of Academic Assistance. Norrington replaced Becky Cain, who retired in July (see story page 10).

Chris Rosenbloom, professor and associate dean, received the Georgia Dietetic Association 2006 Distinguished Service to the Media award. Rosenbloom was given the award on the same day as her 100th column for the *Atlanta Journal-Constitution* was published.

The Byrdine F. Lewis School of Nursing received one of three inaugural Departmental Instructional Effectiveness Awards. The award was created to recognize outstanding work in promoting and documenting student learning at Georgia State University.

Did you know?

The Division of Nutrition has established a new master's nutrition profession entry-level program for students who have earned a bachelor's degree in any field to combine required undergraduate courses, graduate courses, and pre-professional practice experiences (internship) to qualify them for the M.S. and for taking the registration examination for dietitians. The new master's direct entry program allows the student to complete all aspects of the education process at a single institution, eliminating multiple application processes and reducing the time required to meet pre-professional requirements.

Daniel Campagna (M.S., Criminal Justice, 1976) has been appointed dean and chief executive officer of University of Wisconsin-Manitowoc. He was previously the director and an associate professor of the Justice Program at Mount Mary College in Milwaukee, Wisconsin.

Dawn Carver (B.S., Nursing, 1995) is a pediatric oncology nurse at Children's Healthcare of Atlanta. Carver is a finalist in the Celebrating Nurses program with the *Atlanta Journal-Constitution*.

Joe Engelbird (B.S., Nutrition, 2002) participated in Piedmont Park's chef demonstrations during the Piedmont Park Green Market in June. Engelbird is a chef/RD, LD who works as health educator with Kaiser Permanente.

Theresa P. Kemmerer (M.S., Nursing, 2005) was recently commended by the DeKalb County Board of Health for identifying an unusual pathogen in a patient, thereby assisting the Centers for Disease Control and Prevention in their efforts to track an outbreak of leptospirosis. Kemmerer is employed in the office of a local physician.

Robin Merriman (M.S., Nutrition, 1990) has received a Fulbright award to study in Japan. He has been a fourth grade teacher in Coweta County for the past six years.

William Z. Miller (B.S., Criminal Justice, 1999) was promoted to Deputy Chief of Program Operations in the DeKalb County Police Department. Miller, who received a law degree from Georgia State University in 2004, also opened his own law firm in Decatur, Georgia.

Marissa Moore (B.S., Nutrition, 2001) has been selected as the new American Dietetic Association (ADA) spokesperson for the Atlanta area. Since 1992, all ADA spokespeople for Atlanta have been alumni or faculty of Georgia State University.

Judith Tavem Chabot Pichard (M.S., Nursing, 2003) is a family nurse practitioner who recently opened her own clinic in the Conyers, Georgia area.

Cheryl Evans Shedd (B.S., Nursing, 1984) joined the North Georgia College and State University Department of Nursing faculty as an assistant professor in the Family Nurse Practitioner program.

R.E. "Gene" Wilson (B.S., Criminal Justice, 1972) was named the first chief of police in the newly incorporated city of Sandy Springs. Wilson was previously the chief of police services with the Metropolitan Atlanta Rapid Transit Authority (MARTA).

In Memoriam: Lorene Newberry (M.S., Nursing, 1985)

College of Health and Human Sciences impacts the Atlanta health care market.

A group of the many Georgia State University alumni employed at DeKalb Medical Center.



Left to right: Bill Townsend (A.S., Respiratory Therapy, 1976), Mike Martinez, (B.S., Physical Therapy, 1998) *Christina Booker, current undergraduate nursing student, Lawrence Wade, (B.S., Respiratory Therapy, 1988); Brent Robinson, (M.S., Nursing, 2003) Vice President of Patient Care Services/Chief Nursing Officer; *Robert Eastwood,

current undergraduate nursing student; Stephen Parkman (B.S., Respiratory Therapy, 1997); Cheryl Norman (B.S., Nursing, 2000); Margie Hunter, (B.S., Nursing, 1979).

* Both undergraduate students completed clinical rotations at DeKalb Medical Center

Alumnus recognized for diplomatic security services

Few Georgia State University graduates can say their job is to protect the fourth person in line to the American Presidency, but that is just what Steven Whitaker does each day. Whitaker, a 1998 graduate in criminal justice, is a special agent with the U.S. Department of State Diplomatic Security Service in the Criminal Investigation Division – the organization responsible for providing security to Secretary of State Condoleezza Rice. It is also responsible for certain high ranking foreign dignitaries and the U.S. Ambassador to the United Nations. Diplomatic Security (DS) Agents investigate any threats made against the Secretary of State and U.S. embassy personnel abroad, advising the ambassadors and managing the complex security programs designed to protect individuals, facilities, and information in and around the embassies. DS agents are also charged with the investigation of all domestic passport and visa fraud.

Whitaker, who has been a special agent since 2004, was posted in Pakistan last winter, where he earned both a Group Honor

Superior Award from President George W. Bush and a Meritorious Service Award from the U.S. Embassy of Pakistan for his service during the recent earthquake in that country. His group provided security to embassy personnel in an area of Pakistan that was frequented by militant Islamics hostile to westerners.

“Your agents kept our people safe – their security programs made our relief efforts a success and clearly changed the perceptions of hundreds of thousands of people,” says Scott Farquar, Senior Regional Security Officer, American Embassy Islamabad, Pakistan, about Whitaker and his DS colleagues.

Whitaker credits his Georgia State education with providing him the ability to succeed as a special agent in the Diplomatic Security Service.

New Science Teaching Laboratory and Research Building to begin construction soon

Georgia State University recently broke ground for its new \$70 million science park, on the old Fulton County Jail site at Piedmont and Decatur Streets. The first two buildings will be the Parker H. Petit Science Teaching Laboratory and the Science Research Laboratory. The Petit Teaching Lab will be a state-of-the-art facility housing nursing, nutrition, physical therapy, public health and respiratory therapy classroom space and laboratories as well as the other science related degree programs.

Georgia State University received a gift of \$5 million from Matria Healthcare CEO Parker H. “Pete” Petit, a well-known philanthropist and businessman, to help fund the Science Teaching Lab. The State of Georgia and other private donors, including university faculty, contributed the remaining amount.

On hand for the groundbreaking ceremony were Georgia Governor Sonny Perdue, Georgia State University President Carl Patton, Pete Petit, and numerous university dignitaries. Byrdine F. Lewis School of Nursing undergraduate student Lauren Best was one of two students selected to represent majors from the college that will be housed in the new building.



From Left to Right: Parker H. (Pete) Petit, Chairman and CEO, Matria Healthcare; Dr. Carl V. Patton, President, Georgia State University; The Honorable Sonny Perdue, Governor, State of Georgia; Jack R. Kelly, Jr., Chairman, Georgia State University Foundation.