

FALL 2007 | VOL 49, NO 3

USF

MAGAZINE



Global Reach

International students choose USF

Archaeologists uncover history in Latin America

Distinguished professors advance world knowledge

A photograph of two young women in traditional Korean Hanbok, specifically bright pink tops with white collars and floral embroidery. They are smiling and holding black folding fans (bonggan) high in the air. Above them are large, white umbrellas decorated with vibrant pink peonies and green leaves. A long, garland-like string of pink flowers arches over the scene. The background shows green foliage and a clear blue sky.

SCENE ON CAMPUS

STUDENTS PERFORM A KOREAN FAN
DANCE ON INTERNATIONAL DAY 2007

USF

MAGAZINE



AMIEE BLODGETT

Features

24

GLOBAL LEARNING

Nearly 1,500 students representing 127 countries are helping transform USF into a truly global institution. Preparing themselves to become active participants in an increasingly interconnected world, they offer rich contributions to the academic, social and cultural experience of all students.

30

VIRTUAL DIGGING

Using 21st century technology, USF archaeologists Lori Collins and Travis Doering are advancing knowledge about the past without destroying history. Together they have established the Alliance for Integrated Spatial Technologies to further their new brand of archaeology.

34

HIGH NOTE

When the renowned Perlman Music Program found itself without a location for its Winter Residency program, USF Sarasota-Manatee stepped in, offering facilities and housing for 35 of the world's finest young classical musicians led by acclaimed violinist and conductor Itzhak Perlman. The two-week program offers numerous daily free events for the community.

Departments

- 2 FROM THE PRESIDENT
- 4 UPDATE
- 10 COMMUNITY
- 14 DISCOVERY
- 38 ATHLETICS
- 40 LAST WORD

Correction: Executive Director of the Patel Center Betty Castor's name was spelled incorrectly in the Spring issue of USF Magazine. We regret the error.



High-tech archaeological scanning equipment in action. Story page 30.

COVER: AMIEE BLODGETT
SCENE ON CAMPUS: JOSEPH GAMBLE

AM EXCITED TO SHARE this issue of *USF Magazine* with you. It is an issue filled with stories clearly showing that USF is a truly global institution.

In our feature on global learning, you will meet students from around the world, students who are achieving remarkable things while richly enhancing the university experience for all students. They are just a handful of the nearly 1,500 international students, representing 127 countries, who are currently enrolled at USF.

You also will read about two researchers, Lori Collins and Travis Doering, who are using 21st century technology to capture, preserve and display key cultural artifacts around the globe. And, you will read about a renowned international music program directed by Itzhak Perlman and being hosted at USF Sarasota-Manatee. The program, which includes more than 20 free events open to the public, will showcase the training of the next generation of concert artists from around the world.

As always, this issue will give you a glimpse into some of the life-changing research taking place across our university. You will read about nine physicians and scientists who have received this university's highest honor bestowed upon a faculty member—recognition as a Distinguished University Professor. Through scholarly achievement, academic impact and international renown, these individuals have dis-



JOSEPH GAMBLE

tinguished themselves among their peers both within and outside the university.

It has been a busy summer at USF. The university received some well deserved recognition when the Florida legislature recognized USF as one of the three lead universities in the state. Considering the young age of our university, the public acknowledgment is nothing short of extraordinary.

As we launch our recently approved five-year Strategic Plan, and a new semester gets under way, I look forward to sharing with you more new discoveries and remarkable accomplishments.

Judy Genshaft
JUDY GENSHAFT, PRESIDENT

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USF UNIVERSITY OF SOUTH FLORIDA

The University of South Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award degrees at the baccalaureate, master's, specialist and doctoral levels, including the Doctor of Medicine. USF is an Equal Opportunity/Equal Access/Affirmative Action Institution.

Bold Vision

Transforming Higher Education for Global Innovation — USF's Strategic Plan 2007-2012

ON MAY 31, 2007, the USF Board of Trustees approved the University's Strategic Plan 2007-2012. USF Board of Trustees Chair Rhea Law asked Trustee Lee Arnold and President Judy Genshaft to direct the strategic planning initiative. Led by a steering committee of institutional leaders, and complemented by a larger, inclusive group of stakeholders, including students, faculty, staff and administrators, the draft plan was broadly disseminated for public review and comment. Town Hall meetings were held throughout the university community; feedback was gathered through these meetings as well as through a designated Web site. This valued input led to a further strengthening of the plan and growing consensus across all constituent groups.

Building on the solid foundation established by USF's 2002-2007 Strategic Plan, the University's plan for the next five years captures the core components of USF's future: The University's continuing embrace of change in educational delivery; research and scholarly activity; and collaborative community engagement, to address emerging challenges in the world, along with a focus on creating and transferring new knowledge and technologies to solve local and global problems. There is an explicit emphasis on integrated, cross-disciplinary learning opportunities for undergraduate and graduate students through research, teaching and student life.

Established in 1956, the University of South Florida has rapidly ascended into the ranks of America's top tier research universities. Under President Judy Genshaft's leadership, USF has cemented its position as one of America's fastest growing research universities and is well on its way to being acknowledged as a premier research university.

USF's vision is bold—membership in the Association of American Universities (AAU), an association of 62 public and private universities across the U.S. and Canada. AAU membership is a public acknowledgment of the strength, prestige and competitiveness of a university's programs of academic research and undergraduate, graduate, and professional education, as well as the quality and productivity of its faculty, students and graduates.

USF's vision is achievable and its impressive Strategic

Plan will guide institutional priorities, supporting laser-focused and sound decision-making as the University maintains a disciplined path to the future. Key measurements will be reviewed annually; collectively they will inform us of our progress. The Strategic Plan 2007-2012 sets our course and promises a continuation of USF's growth as a premier research university.

To view USF's Strategic Plan 2007-2012 in its entirety, and to learn more about the planning process, visit www.ods.usf.edu/plans/strategic.



Vision

The University of South Florida envisions itself as a pre-eminent research university with state, national and global impact, and positioned for membership in the Association of American Universities (AAU).

Goals

- I Expand world-class interdisciplinary research, creative, and scholarly endeavors.
- II Promote globally competitive undergraduate, graduate and professional programs that support interdisciplinary inquiry, intellectual development.
- III Expand local and global engagement initiatives to strengthen and sustain healthy communities and to improve the quality of life.
- IV Enhance all sources of revenue, and maximize effectiveness in business practices and financial management to establish a strong and sustainable economic base in support of USF's growth.

Good Company

Living-learning community offers special programs and academic extras for first-year business students

IT MAY NOT BE MTV'S REAL WORLD, but freshmen calling Maple Hall's Bulls Business Community home are learning real-world lessons on one of USF's newest residential floors.

One of several new initiatives launched by the College of Business, the Bulls Business Community is a living-learning center where business majors can begin developing as professionals from their first moments on campus.

Even with orientation and welcome events, freshmen often worry about navigating systems or getting lost amid 45,000+ peers. Almost all students admit a twinge of nervousness.

"USF does an amazing job of making freshmen feel comfortable in a new environment," says Ashley Parkerson, one of the Bulls Business Community's first residents. The 18-year-old admits she was excited and nervous about her first year, and comforted knowing fellow residents have similar interests, schedules and first-year classes.

"I am excited about everything and want a positive, well-rounded experience. It's nice to room with others who are interested in business," she says. "It gives us opportunities to help each other or study for big tests. I love the idea of grouping hard-working students who have the same interests."

"We're building a small community within a big university," explains Dean Robert Forsythe, noting that the business school program includes social and academic extras. "It's more than simply a place to sleep and study."

Campus life includes eating, sleeping, partying and studying, and Forsythe says residents of

the Bulls Business Community don't miss out.

"Students enjoy all the benefits of a traditional on-campus lifestyle, plus extra perks," he says.

These "perks" include learning experiences not normally found in a classroom, such as "Business Etiquette" or "Dress for Success" seminars, opportunities to network with business leaders, and on-site academic advising.

"I love the idea of grouping hard-working students who have the same interests."

– Ashley Parkerson

"Improv Night" is also part of the program.

"People may not associate improvisation with business, but Improv Night helps foster a well-rounded business skillset in a fun, casual way," he says.

"Students get to know each other quickly, learn to think on their feet, gain public speaking experience and learn a key business lesson when they realize the best improv players are those who make everyone look good."

Since residents are all part of the same college and at the same place in their academic career, they can build friendships by studying or researching for similar assignments. They know when assignments are due and can help peers struggling to balance school and fun.

"Unfortunately, we've all heard stories of high achievers who lose focus the first year of college," says Forsythe. "With a built-in support network, we may be able to 'catch' such students before they fall too far."

Like Forsythe, business major Steven Giovanniello, the floor's resident assistant, sees the benefit of such support first-hand.

"This place is fun, enjoyable, brings residents closer together, gets them more involved and in the end, will help us be more successful."

– Lorie Briggs



Critical Education

New Master's Degree in Secondary Special Education

THANKS TO A GRANT from the U.S. Department of Education, 50 students from diverse backgrounds will have the chance to earn a special education master's degree at USF and help to address critical issues in education.

The \$797,958 grant to fund Project P.R.E.C.I.S.E. (Preparing Regular Educators for Certification in Special Education), was awarded to the College of Education in June. It will be used to address the critical shortage of special-education professionals, the need for highly qualified teachers certified in both secondary education content and special education, and the need for educators from underrepresented groups.

— Ann Carney



GETTY IMAGES

Top Honor

President Judy Genshaft named Businesswoman of the Year

USF PRESIDENT JUDY GENSHAFT received top honors from the *Tampa Bay Business Journal* in August when she was named the region's Overall Businesswoman of the Year. But the honors didn't stop there. Genshaft was additionally named winner in the Education Category.

The *Tampa Bay Business Journal* received more than 120 nominations for its fourth annual awards program.



Genshaft was chosen Businesswoman of the Year from a field of 48 finalists.

The Businesswoman of the Year award recognizes

Genshaft's achievements and the contribution she is making to the economic vitality of the Tampa Bay region. She is involved in several civic and economic activities, including 2007 Chair of the Tampa Bay Partnership, and she is Chair-Elect of the Tampa Bay Chamber of Commerce.

— Ann Carney

News & Notes

Following a year-long search, **John Wiencek** has been named dean of the College of Engineering. An award-winning scientist, accomplished teacher and scholar, Wiencek joins USF from the University of Iowa, where he was chair of the Department of Chemical and Biochemical Engineering.

Dr. Junius J. Gonzales has been named dean of the USF Louis de la Parte Florida Mental Health Institute (FMHI). Gonzales brings 17 years of experience in the public and private sectors, including significant leadership positions at Abt Associates and the National Institute of Mental Health, as well as teaching and clinical positions at George Washington University and Georgetown University.

D. Kent Kelso has been named regional vice chancellor for Student Affairs at USF St. Petersburg. Since 2000, Kelso has served as assistant vice president and dean of students at Northern Kentucky University. There, he oversaw the offices of Student Life, University Housing, African American Student Affairs and Latino Student Affairs, among others.

Frank Biafora has been named dean of the College of Arts and Sciences at USF St. Petersburg. Biafora joins USF from St. John's University where he was professor and associate dean of the College of Liberal Arts and Sciences. A professor of sociology, Biafora teaches and conducts research in the areas of adolescent development, juvenile delinquency, substance abuse and research methodology.

Strong Comeback

Orthopedics residency returns to USF with impressive alliance of community physicians and hospitals

DR. ODION BINITIE AND DR. ERIC HENDERSON really want to be orthopedic surgeons. If you ask them why, they speak passionately about the careful blend of precision and strength needed to fix broken bones, replace worn joints, repair torn tendons or muscles, and save diseased or injured limbs. They describe the highly-competitive musculoskeletal specialty as the perfect mesh of medicine, physics and biomechanics.

But, most of all, they talk enthusiastically about their mentor Dr. Douglas Letson, director of USF Health's new residency in orthopedic surgery. Henderson and Binitie are members of the charter group of six physicians admitted to the program—which returns orthopedic residency training to Tampa Bay after 15 years.

After graduating from the USF College of Medicine in 2004, the medical school roommates pursued research and training at other universities and then completed a year-long orthopedic surgery internship at USF while awaiting approval of the orthopedics residency. “We took a leap of faith because we knew Dr. Letson was putting together a strong educational curriculum with outstanding faculty and a wide range of orthopedic subspecialties,” Binitie says. “He sold us on the program and the wait was worth it.”

USF had been without an orthopedic residency since the early 1990s, after faculty left over a dispute with a prior dean and formed Florida Orthopedics Institute (FOI), the area's largest private group of orthopedic surgeons.

Dr. Stephen Klasko, vice president for USF Health and dean of the College of Medicine, knew USF Health couldn't achieve national prominence without an orthopedic surgery residency and made attaining it a priority. In fall 2006, Klasko recruited Dr. Robert Pedowitz, a renowned orthopedic surgeon from San Diego, to chair USF's new Department of



Drs. Odion Binitie and Eric Henderson are charter members of USF Health's new orthopedics residency program.

Orthopaedics and Sports Medicine. Pedowitz worked with Letson to forge an alliance of 40 community physicians and seven hospitals focused on making the residency a reality.

“Much more than just another program, this residency represents the decision by the community and the university to create a remarkable collaboration and become a national leader in health care,” Klasko said after the program was approved by the national accrediting body in June. “It required an unprecedented level of support.”

For Letson and program coordinator Ann Joyce, who persevered tirelessly behind the scenes for more than two years, the new training program has special meaning.

“We never gave up pushing for the program,” says Letson, who heads one of the nation's largest orthopedic oncology practices at Moffitt Cancer Center. “Everything we've done is with the goal of creating the best educational program possible, because that will drive knowledge and research and raise the level of orthopedic care in the community.”

With USF as their primary training site, the residents will rotate through All Children's Hospital, James A. Haley Veterans'



GETTY IMAGES

JOSEPH GAMBLE



Hospital, Lakeland Regional Medical Center and the Watson Clinic, Moffitt, Shriners Hospital for Children, Tampa General Hospital, University Community Hospital, and, when it opens on the USF Tampa campus next year, the Morsani Center for Advanced Healthcare. They'll work with an impressive cadre of orthopedic surgeons trained in pediatrics, sports medicine, trauma, cancer care and general orthopedics and with other health professions, including physical therapy, athletic training, nursing and public health.

USF's aspiring orthopedic surgeons are helping chart the course for physicians who will follow in their footsteps. This summer, Henderson was the first USF orthopedic resident back at Tampa General to work with FOI surgeons who run the trauma training. This fall he accompanies Letson to Germany to present their research testing several femoral prostheses for patients with bone cancer.

"Every day is something new," Binitie says, "and the faculty we work with are extremely enthusiastic about making this a top-notch orthopedic surgery program."

— Anne DeLotto Baier

Strong Start

Fall 2007 stats show record number of students and the highest achieving freshman class ever

USF IS WELCOMING A RECORD NUMBER of students, a record number of both graduate and transfer students and its highest achieving freshman class, according to the university's latest enrollment figures.

Enrollment on the fifth class day of the semester reached a record 45,244 for fall 2007 or 2.7 percent more students than last year. This increase represents the largest annual enrollment growth for USF since fall 2004. The university enrolled 5,063 new transfer students, an increase of 10 percent, 2,382 new graduate students, an increase of 3.7 percent and 3,797 new freshmen. Students in master's degree programs grew by 10 percent and doctoral students (PhD, MD, etc.) increased 6 percent.

The USF Class of 2011 has the strongest academic profile in the university's history. Despite reports of declines in average national test scores, the average SAT score among USF freshmen approaches 1150, which reflects a 30 point increase in the median and a 17 point increase in mean SAT scores. The average ACT is 25. Nearly 30 percent of the class ranked in the top 10 percent of their high school graduation class with an average GPA of 3.71. An average SAT of 1328 was posted by the 471 new students in the USF Honors College this fall.

Remarkable Numbers

- 1148** Average SAT score among USF freshmen, a 30 point increase in the median score
- 10 %** Growth of students in master's degree programs
- 21,600** Applications from prospective new freshmen, a 40 percent increase since fall 2003
- 10,000** Applications from prospective new transfer students
- 1 in 3** Nearly one in three of USF's class of 2011 is ethnically diverse



JOSEPH GAMBLE

"USF's commitment to quality undergraduate programs is reflected in the increasing academic profile of our new freshmen," says USF Provost Renu Khator. "They are well-prepared for the challenges ahead to excel and succeed in a nationally ranked research university."

In addition, diversity remains a noteworthy hallmark of USF's student body. Earning a national rank of 17th in diversity among the *Princeton Review's* "Best 366 Colleges," almost one in every three students in USF's Class of 2011 is ethnically diverse.

The majority of new graduate students received their last degree from USF or another state university including the University of Florida (133), Florida State University (76) and the University of Central Florida (66). Almost 40 percent of new graduate students received their last degree from an institution outside the state of Florida.

USF's new freshmen come from 57 counties in Florida with the largest numbers from Hillsborough (975), Pinellas (521) and Pasco (260). The USF Class of 2011 is nationally and globally diverse; they originate from 35 states and from 51 countries.

USF received 21,600 applications from prospective new freshmen, a 40 percent increase in applications since the fall of 2003 and more than 10,000 applications from prospective new transfer students.

"These are exciting times at USF," says USF President Judy Genshaft. "Something the founders of this university dreamed of and worked so hard for is more real than ever. In accordance with our forthcoming new strategic plan, in the next five to ten years we expect to realize still more remarkable growth and development."

— Barbara Perkins

Director's Chair

USF College of Education collaborates with Tampa Theatre for summer camp festival magic

P OULTRYGEIST 2: REFRIED," "24: The Terrorist Clowns" and "Globzilla" were among the 51 short films shown at the "Let's Make Movies Summer Camp" Film Festival, held at Tampa Theatre in August. The films, including live-action and stop-motion animation shorts, were created by the approximately 140 talented elementary, middle and high school students who attended one or more week-long sessions of the Let's Make Movies Summer Camp at Tampa Theatre.

The fourth annual filmmaking camp, open to students in grades 3 through 12, resulted from a creative collaboration between Tampa Theatre and the USF College of Education's Florida Center for Instructional Technology (FCIT).

"This year, we started seeing a lot of sequels, building on movies that some of the kids did last summer," says James Welsh, director of the camp. "And a lot of the films are parodies of what they see on television. But only part of the story is up on screen. There's a lot of learning that goes on and a lot of fun that happens. The product is not the goal, the process is the goal. They learn so much in the filmmaking process."

Welsh, a doctoral student in education, is a former elementary-school teacher who used filmmaking in his third and fourth grade classes, and has worked in video and film production with Tampa public access television. All of the camp counselors are graduates of the elementary education or special education programs in the College of Education, or current students, and all have been involved with the FCIT's Laptop Initiative. The Laptop Initiative provided all of the laptops, video cameras, lighting and sound equipment used by the filmmakers.

During each camp session, aspiring filmmakers learned about storytelling, digital video photography, lighting and sound and broke into production teams that planned, scripted, storyboarded, shot, edited and scored films lasting from two to five minutes each.

The camp's emphasis isn't merely on the technical aspects of filmmaking, Welsh says. "It's all about storytelling. We try to



make sure that the things we do in camp tie in with how we communicate with people. The skills that we're developing build on a lot of the skills that the kids already know about writing and reading, and story structure."

"We had so many ideas," Nikki Misner, 12, a Wilson Middle School seventh-grader, told the *Tampa Tribune*, one of several Tampa Bay area media outlets that covered the camp and the film festival. Several of the young campers were also interviewed for BobRossMovies.com. "We learned a lot about all of the different things that go into making a movie."

Welsh and other USF teachers and students also are conducting research related to the filmmaking camp. The research focuses on the methods by which young learners internalize communications strategies and apply those techniques to their own work.

"We're looking at how kids take media elements from their environment—TV, movies, videogames—and how they use them in their productions," he says. "We want to see how they are able to use different media strategies."

— Philip Booth

Winners of the 2006 International Affairs International Photo Competition offer a wide range of perspectives on the world from USF students, professors and staff.



Adam King, student, Accounting and Economics
"Young Monk in Thought," Qinghai Province, China
Grand Prize-Portrait



William Klinger, MA student, Public Archaeology
"Looking for History," Palos Blancos, Honduras
Grand Prize-Study Abroad



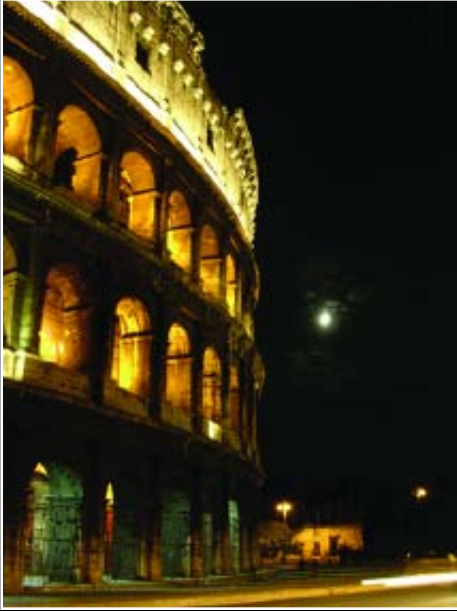
Linda Whiteford, Professor of Anthropology
"Child Care," Puebla, Mexico Honorable Mention



Mireya Critel, staff, College of Visual & Performing Arts
"A Day in Magyarboly," Magyarboly, Hungary
Honorable Mention



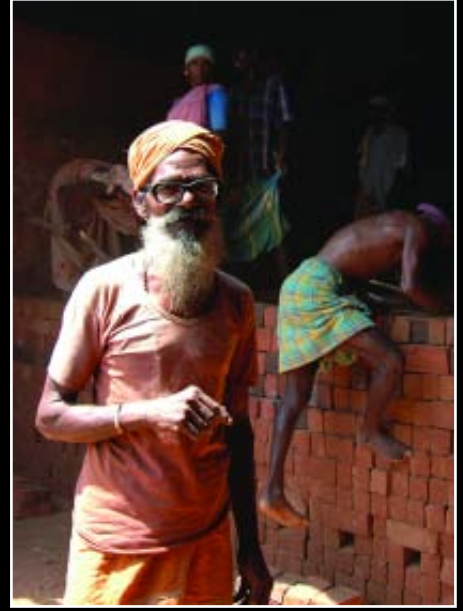
Ben Wiley, staff, International Student Services
Madrid, Spain "Café Society"
Honorable Mention



Timothy Loken, MA student, Architecture
 "Colosseum and Moon," Rome, Italy
 Grand Prize- Cityscape



Linda Whiteford, Professor of Anthropology
 "Florence from the Duomo," Florence Italy
 Honorable Mention



Gurleen Grewal, Associate Professor of Women's
 Studies, "Portrait of a Brickmaker," Tamil Nadu,
 India Honorable Mention



David Bell, student, Visual Arts
 "Along the Arno," Florence, Italy
 Honorable Mention



Michelle Schenck, MA student, History
 "Women of the Market," Tangier, Morocco
 Honorable Mention



Chad Cullen, student, Psychology and International
 Studies, "Yellow Offering," Qinghai Province, China
 Honorable Mention

Citizen Scholars

At USF St. Petersburg, scholars connect curricula to the community

LEADERSHIP, ETHICS AND CONCERN for community are all hallmarks of citizen-scholarship at USF St. Petersburg. It's found in the classrooms and professors have woven it into the campus culture.

Assistant Professor Judithanne Scourfield McLauchlan heads the Center for Civic Engagement. Her inventory of campus-wide course offerings reveals more than 500 classes since 2003 have offered students immersive study, binding campus curricula to community partners.

In real terms, that's nearly 7,000 student scholars in the community. These connections benefit majors in all types of study from accounting to criminology, journalism to education.

This academic service is different from community service. It is contained in the academic course content. The Carnegie Foundation for the Advancement of Teaching defines it as curricular engagement, that which is governed by the class syllabus. This engagement is an institutional priority and advisers plan that every student will enroll in at least one experiential course during their college years.

This summer, spring graduate Chris Wagar began his dream job as a television reporter with NBC affiliate KHQ in Spokane, Washington.

Wagar credits professors in the USF St. Petersburg Journalism and Media Studies department for advancing his professional skills. Embedded in the Midtown neighborhood in the Neighborhood News Bureau—one of two student-run community journalism programs in the country—Wagar profiled local South St. Petersburg personalities. As he honed his journalistic skills, his features were published on BayNews 9's



Web site and in *The Weekly Challenger*.

"You can take all the reporting classes you want. But when you have to go out and find true stories in a neighborhood where everyone is different from you...you have to have credibility that you can tell their story," Wagar says.

Taking advantage of connections his professors have with local news media, Wagar interned with veteran NewsChannel 8 Investigative Reporter Mark Douglas who mentored him in advanced interviewing techniques, Sunshine Law and other tricks of the trade.

Wagar produced and aired his own news package, an unusual achievement for an intern. Even now, he raves about his insider experiences, "Life is luck and who



Left, USF St. Petersburg students receive real-world experience interviewing a local community leader via the Neighborhood News Bureau, founded by journalism faculty. Above, Governor Charlie Crist, who maintains an office at USF St. Petersburg, meets with students in Professor Darryl Paulson's class. Students receive an insider's view of the election process from courses like "Road to the White House" and "Practical Politics."

you know. I wanted to taste every aspect of journalism and my education let me."

Criminology Professor Bill Rueffle challenges his students each semester to discern local crime patterns. Students analyze stacks of police reports to plot and predict crime hot spots.

Most recently during spring semester, his class analyzed the geographic and temporal distribution of city-wide auto thefts. Students discovered a summer peak in incidents and noted locations of greater activity, then met with detectives from the St. Petersburg Police Department to review their research.

A hint to the wise—don't park outside of Tyrone Square Mall during July.

Criminology students have mapped patterns of robbery and crime activity at budget motels in St. Petersburg. Several students, including Elizazbeth Slaven and Kristen Splendore, have taken advantage of job opportunities with partners such as the St. Petersburg Police Department and Pinellas County Sheriff's Office to earn internships.

"The objective of the citizen scholar model is to combine academic instruction with implementation of concepts learned in the classroom into the local community," McLauchlan says. "Our goal is to ensure that within five years, every student will have the opportunity to take at least one course with a civic engagement component within his or her major."

— Holly Kickliter



An Ounce of Prevention

Landmark research could lead to FDA reversal of mandate for warning labels on antidepressants

GETTY IMAGES

WHEN A POSSIBLE CONNECTION was suggested between teens who take antidepressant medications and a higher suicide rate, Hendricks Brown, director of the Prevention Science and Methodology Group and professor in the Department of Epidemiology and Biostatistics in USF's College of Public Health, decided to investigate along with his colleague Robert Gibbons from the University of Illinois at Chicago.

Their study appears in the September 2007 issue of the *American Journal of Psychiatry*, titled "Early Evidence on the Effects of Regulated Suicidality Warnings on SSRI Prescriptions and Suicide in Children and Adolescents."

The researchers report findings contrary to earlier studies suggesting a link between antidepressants and suicidal thinking and behavior in youth.

"The overall effect of these newer antidepressants is very likely that they reduce suicide risk considerably," Brown says. "Overall, the new antidepressants provide a large benefit. If there is any group of people who are adversely affected by taking these antidepressants, it has to be a very small group."

The findings are compelling, especially in view of the FDA's requirement in May for major black-box warnings to be placed on antidepressants for youth and young adults that advise of a potential suicide risk. The warnings, in turn, have led to a marked reduction in antidepressant use in adolescents and adults.

Suicide is the third leading cause of death in adolescents in this country, following only unintentional injuries and homicide. In real numbers, 4,500 young people ages 10 to 24 take their own lives in America each year, according to the Centers for Disease Control and Prevention.

These overwhelming figures, in addition to his own experiences with families who had lost loved ones to suicide, motivated Brown to devote enormous efforts to the study of teenage suicide prevention.

“People need to know if the antidepressant medication they are taking is increasing or decreasing their risk for suicide,” Brown says. “It would be bad if antidepressants were causing an increase in suicides, in which case the appropriate policy would be to restrict their use in adolescents. It would be even worse if FDA policies led to less treatment of depression and more suicides.”

Brown and his group examined different statistical approaches that might assess whether a widely used class of antidepressants known as selective serotonin reuptake inhibitors (i.e., Prozac, Zoloft, Paxil, Celexa) were causing more or less suicides in the teenage population. The analysis was problematic because suicide occurs in one person out of 10,000 youth, but there were only a few thousand youth enrolled in all the clinical trials of antidepressants. And in none of these trials was there a suicide, either among those given an antidepressant, or those given an inactive placebo. There was no ability to compare rates because the number of subjects in the clinical trials was too small.

Given those limitations, Brown used several data sources where depressed individuals were treated differently with different classes of antidepressants or no medication, and he examined the rates of suicide along with the rates of antidepressant prescriptions at the county level. He also looked at the reports of suicide detailed by U.S. doctors after medication use.

Brown found that suicide attempts were dramatically lowered once antidepressant medication began, indicat-



“People need to know if the antidepressant medication they are taking is increasing or decreasing their risk for suicide. It would be bad if antidepressants were causing an increase in suicides.... It would be even worse if FDA policies led to less treatment of depression and more suicides.”

– Hendricks Brown

ing an overall benefit of these newer medications. Also, very few people who died from suicide had been taking antidepressants.

He also found consistent reductions in suicide across counties as well as across countries during the time when there was increased use of antidepressants. Now that the overall level of antidepressants has decreased since the FDA warnings, there is very early evidence of an upturn in youth suicides.

“With the FDA warnings there has been a rapid lowering of antidepressant prescriptions, and there has been a corresponding increase in youth suicides” notes Brown. “We found similar results in the Netherlands once the warning was broadcast there as well.”

Sometimes health policy decisions are made on limited information, and it may be that the FDA warnings about suicide in youth treated with antidepressants could have unintended consequences of placing more youth at risk, Brown said. The FDA is now reviewing policy decisions in the light of these data and at some point may withdraw or revise its warning.

Brown’s other work involves some of the first rigorous evaluations of additional therapies and corresponding successes of teenage suicide prevention, including community-based prevention plans. One such program, Sources of Strength, was developed in North Dakota and appears to be very helpful for rural, underserved communities and Native-American communities.

“There are valuable treatments available and ways that people can cope and thrive with adversity, rather than just survive in this world,” Brown says. “There are ways for people who have suicidal thoughts and attempts to get help.”

– Sheryl Kay

On the Same Page

Psychologist's research shows difficulties surface early with inconsistent, non-supportive parenting

FOR NEW PARENTS, THE QUESTIONS typically come quicker than the answers. Should we let the baby cry? Should she sleep with us? Are time-outs the most effective way to deal with bad behavior?

A new study conducted by psychologist James McHale, associate professor and director of the USF St. Petersburg Family Study Center, suggests the answers may not be as important as how parents approach the questions.

According to McHale's study, published by Zero to Three Press in a new book entitled *Charting the Bumpy Road of Co-parenting*, children as young as two can show a wide variety of social, emotional and behavioral adjustment difficulties when their parents fail to establish a supportive co-parenting relationship.

McHale found that difficulties in establishing a supportive parenting alliance could be seen as early as three months after the baby's birth, with problems unlikely to resolve themselves over time. Parents struggling in their co-parenting relationship at 12 months were more likely to go on to show problems at 30 months—by which time children were also showing the effects. McHale found that toddlers in families showing low co-parenting solidarity exhibited problems ranging from poorer pre-academic and emotion skills to problems with self-regulation and aggression.

But what does this all mean for parents?

According to McHale, it is normal for parents to have differing views on how to raise a child. Parents' views are influenced by a number of things such as their own experiences growing up, personal values and religious views. And, disagreements can crop up anywhere from whether the child should sleep with the parents as an infant, how soon to stop breast feeding, who should and should not be entrusted with child care and how the child should be disciplined.

Though understandable, opposing views can become a problem if parents or caregivers do not communicate their opinions and reach a compromise that both parents agree



upon. Absent of a compromise, the adults each parent as they believe best and end up sending mixed messages to the child—messages that cause confusion and impair the toddler's ability to internalize rules and develop a mature capacity for self-regulation.

"It is hard enough for young children to learn to follow the rules and regulate their own emotions and behavior when their parents are being reasonably consistent and working together," McHale says. "When parents can't get on the same page, toddlers really struggle. Our findings confirm that professionals need to be paying particularly close attention to this vitally important dynamic in families."

McHale's research study, "Families through Time," followed 120 northeastern couples preparing to become first-time parents. The study followed the couples from prior to their child's birth to three months of age and also examined consistency and change in co-parenting relationships between the infant and toddler years. Couples were interviewed and observed together completing routine and mildly stressful tasks with their babies. During the observations, distinctive co-parenting patterns emerged that were characterized by cooperation, support and validation in some families and detachment, disagreement and/or poor coordination in others.

Though a number of studies had previously examined early parenting adjustments by mothers or fathers, this investigation broke new ground through its in-depth look at coordination and support between parents. It was conceived to address gaps in the mental health field's understanding of how early co-parenting dynamics evolve and how they shape young children's development.

McHale's work was supported by two grants from the National Institute of Child Health and Development, and by the Irving B. Harris National Book Prize awarded by the Zero to Three Press. In 2005, the National Institute of Child Health and Development presented McHale with the Independent Scientist Award, a grant supporting intensive research efforts by newly independent scientists for work pursuing major new concepts, paradigms, theories, techniques or research programs that promise to have an important impact in their field of health science.

— Erika Llenza

Beyond the Shores

USF St. Pete is first U.S. site for international institute

A worldwide organization that promotes sustainable ocean and coastal resources has selected USF St. Petersburg as the host site for its first U.S. center. The International Ocean Institute (IOI), headquartered in Malta, made the announcement in April following a search of possible U.S. sites that included locations at other U.S. universities.

"This designation is an acknowledgment that the U.S. needs an operational center to interact with IOI's 25 other partners in researching, promoting and achieving sustainable uses of the marine environment," says Christopher D'Elia, regional interim vice chancellor for Academic Affairs at USF St. Petersburg, who will lead IOI-USA.

Two early goals for IOI-USA will be to provide training in port and maritime security and to host an international conference focused on coastal cities in November 2008.

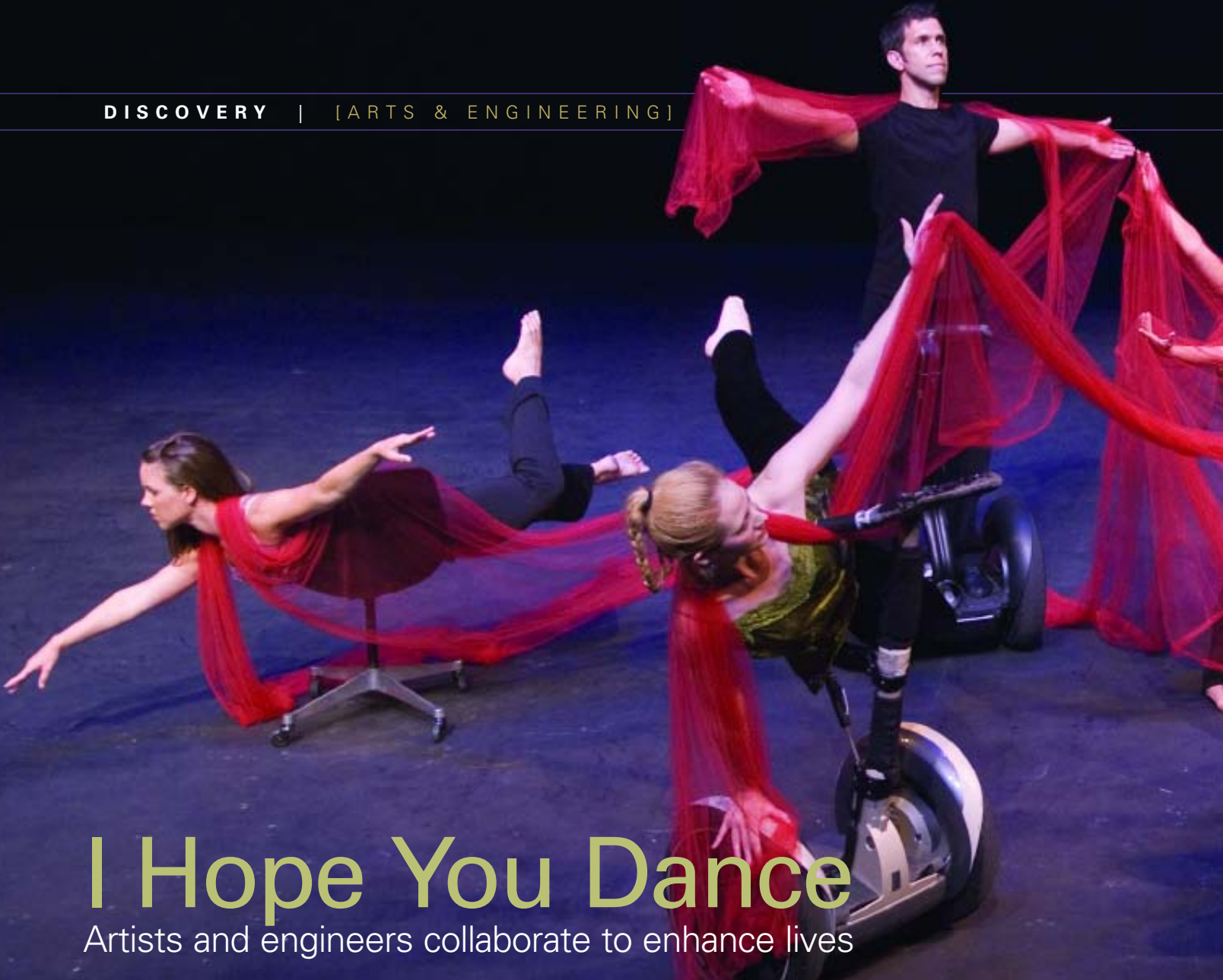
"IOI-USA is clearly a timely response to a growing sense of urgency regarding the sustainability of the ocean," says Noel Brown, former director of the United Nations Environment Programme for North America and a member of IOI's governing board. "It provides an opportunity for the U.S. to exercise a new kind of leadership in education, training and capacity building."

Adds Peter Betzer, professor and founding dean of USF's College of Marine Science: "This is another star in the constellation of environmental programs and organizations in St. Petersburg that will help us reach out beyond the shores of Florida to the broader international community."

Tampa Bay's large marine and coastal sciences community, combined with USF's marine science resources and the area's many government and other organizations focused on environmental matters, all played a role in the institute's selection of USF St. Petersburg as its first U.S. operational center.

— Ann Carney





I Hope You Dance

Artists and engineers collaborate to enhance lives

MERRY LYNN MORRIS MOVES her upper body with the controlled grace of a bird in flight. Morris, a dance instructor and academic adviser at USF's School of Visual and Performing Arts, is demonstrating the subtle movements required to operate the Rolling Dance Chair, a device she developed in collaboration with students and faculty in the College of Engineering that allows disabled and able-bodied dancers to interact.

Her inspiration came after working nearly a decade with mixed abilities dancers in the community. She brought her idea to Rajiv Dubey, chair of the Department of Mechanical Engineering, and Stephen Sundarrao, associate director of the Rehabilitation Engineering and Technology Program at USF. Together, they applied for and received an interdisciplinary research grant in July 2006.

Sundarrao introduced the topic to students in his Capstone

Design class, a senior-level engineering course in which students choose a problem and create a product to solve it. Engineering major Jeff Hornick and five other students accepted this assignment and developed the Rolling Dance Chair prototype, which is now patent-pending.

Whether moving backward, forward or in elegant loops, the chair provides a range of motion and versatility that standard wheelchairs do not. The prototype looks like a motorized mobility device but does not require arms or hands to operate. Instead, the machine adapts to the physical abilities of the dancer, who controls the chair's movement using his torso muscles, freeing the arms to pass gracefully from one position to another. Engineering students also modified a Segway as a second prototype, allowing the dancer to stand while working the machine with the upper body.

Morris calls the collaboration between engineering and dance "a great marriage." The crossover has facilitated a discourse among



Dwayne Scheuneman uses the Rolling Dance Chair in a performance with USF dance students

JOSEPH GAMBLE

faculty and students from all disciplines, while the project's immediate and potential benefits have extended well beyond academics.

USF student Chase Ajdinovich looks forward to a career in the arts and credits his motivation to the dance program. An engineering and dance major, he began participating in mixed abilities performances after attending Morris' dance improvisation class. For Ajdinovich, the movement elicited from the chair celebrates the diversity among dancers while sparking his creativity.

"Two able-bodied dancers can't do the same thing as a disabled dancer, and vice versa," he says. "The project has put a spin on my creativity, improvisationally and choreographically."

Dwayne Scheuneman, founder and director of REVolutions Dance, a mixed abilities dance company in Tampa, became a competitive wheelchair athlete and dancer after a 1995 accident left him a low-level quadriplegic. He has worked with Morris since 2002, and recently incorporated the chair into his practice. Since using the device, Scheuneman has realized upper-body

strength and balance he didn't know was possible.

"Discovering new movement with the chair was exciting. I can use what I've learned to help with day-to-day activities, like lifting or getting dressed," he says.

The project is rapidly gaining a wider audience. In June, Morris and Sundarrao presented their paper "Bridging Dance with Engineering to Embrace a Diverse Population: 'Rolling Dance Chair Project (USF)'" at the National Dance Education Organization Conference in Mobile, Alabama. In July, Morris, Scheuneman and USF art student Rachel Bishop demonstrated the chair's capabilities in a performance at MOSI for Disability Awareness Day.

Morris hopes the project will educate people about the advantages of pairing technology with the arts, as well as revise perceptions of people with disabilities.

"It's been a fascinating exploration," Morris says. "The project has enlarged my notion of movement."

— Kathy L. Greenberg



JOSEPH GAMBLE

Distinguished Faculty

Nine faculty members receive the university's highest honor—being recognized as distinguished professors

THE OUTSTANDING CONTRIBUTIONS and internationally recognized scholarly accomplishments of nine university professors have earned them the highest honor bestowed on faculty by the university—recognition as distinguished professors.

Three faculty members have been awarded the title Distinguished University Professor, and six have been named Distinguished University Health Professor.

Originally established in 1998, The Distinguished University Professor award recognizes USF faculty across all disciplines who have distinguished themselves among their peers both within and outside the university. Selection is based on a process of nomination and external peer review. On-going active members serve as an advisory group for the provost and the president and provide discussions and counsel on issues affecting the overall academic and scholarly activities of the university.

“The professors selected for this honor are representative of a world-class faculty that continues to grow in scholarly achievement, academic impact and international renown,” explains Provost Renu Khator. “Selection involves an intensive internal and external review of each nominated faculty member's credentials that culminates in this highest honor bestowed upon a faculty member.”

The Distinguished University Health Professor award was established this year to recognize USF Health faculty members for their substantial achievements in research, teaching or clinical care.

“Like the Distinguished University Professorship, the Distinguished University Health Professor award, through its process of rigorous external peer review and internal recommending review, identifies those holding it as outstanding members of their profession,” says Stephen K. Klasko, vice president for USF Health and dean of the College of Medicine.

As leading experts in their fields, these distinguished professors attract millions of federal research dollars to USF each year, publish in prestigious journals, mentor students who have earned top spots as health leaders in their disciplines and share their time and talent with the community.

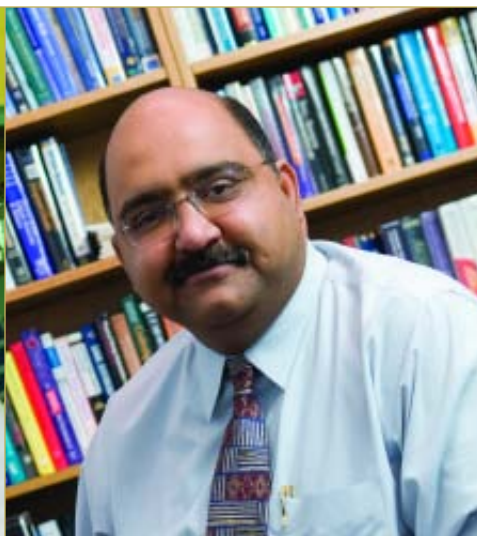
[DISTINGUISHED UNIVERSITY PROFESSORS]



Dr. Santo Nicosia

Department of Pathology and Cell Biology
College of Medicine

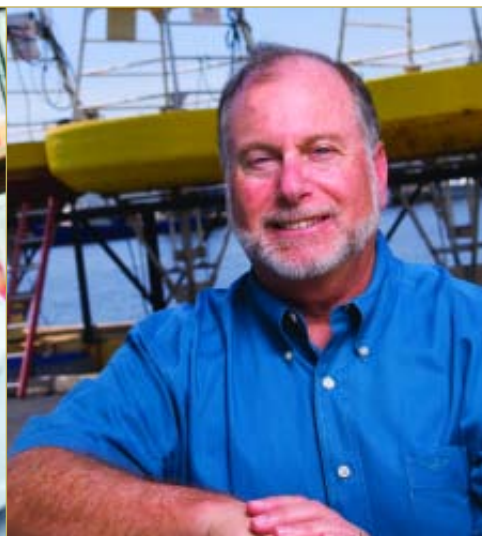
Santo Nicosia is an internationally recognized physician and scientist, specializing in breast and ovarian cancer. Chair of the Department of Pathology and Cell Biology in the College of Medicine, he has published more than 186 peer-reviewed articles, including 58 as senior author, and has written numerous monographs and book chapters. Nicosia's research has significantly advanced the medical community's knowledge of cancer. He has brought more than \$10 million in external funding to USF. An active teacher, Nicosia has trained 12 doctoral students and 15 post-doctoral researchers. He has served as chair and division chief, served on various committees and created viable research teams.



Nagarajan Ranganathan

Department of Computer Science and Engineering
College of Engineering

Nagarajan Ranganathan has gained international attention for his work in the area of Very Large-Scale Integration (VLSI) research, the current level of computer microchip miniaturization. He is an accomplished scholar with 67 refereed articles, including 13 as lead author, three edited teaching books, four book chapters and numerous conference papers. Ranganathan, a fellow of the prestigious Institute of Electrical and Electronics Engineers (IEEE), has seven patents to his name. He has brought to USF more than \$6.5 million in grant money from the National Science Foundation and private industry. In addition, Ranganathan has taught 16 doctoral students, some who have won awards. He served as editor-in-chief of the most prominent international journal in his field, served on national review panels and has coordinated and/or actively participated in many international conferences.



Robert Weisberg

College of Marine Science

Robert Weisberg is an internationally recognized scientist specializing in physical oceanography, storm surge and marine impacts of global climate change. He is a prolific scholar, having published more than 116 articles in refereed journals, 39 as lead author, and 50 additional publications. He has made more than 400 presentations. Weisberg has brought more than \$22 million to USF in grant funding to support his research. More than seven doctoral and four master's students have completed their work with Weisberg at USF. He edits one of the major journals in his field, has been an advisor to National Oceanic & Atmospheric Administration and maintains a high profile within his professional organization.

PHOTOS: JOSEPH GAMBLE

[DISTINGUISHED UNIVERSITY HEALTH PROFESSORS]

**Michael Barber**

Department of Molecular Medicine
College of Medicine

Michael Barber is professor of Molecular Medicine and associate dean for Graduate and Postdoctoral Affairs in the School of Biomedical Studies, College of Medicine. He has an outstanding record as a mentor and leader in developing and implementing interdisciplinary and cross-disciplinary graduate programs at all levels. Dr. Barber's research focuses on how enzymes containing novel metal atoms or other non-protein components enhance biological activity. He has had external grant support from the National Institutes of Health and other sources totaling more than \$6 million. He is president of the USF Faculty Senate and serves as the faculty representative on the USF Board of Trustees.

**Carol Bryant**

Department of Community and Family Health
College of Public Health

Carol Bryant is professor of Community and Family Health and co-director of the Florida Prevention Research Center, College of Public Health. Through the annual Social Marketing in Public Health Conference and Field School, the FRPC, the graduate certificate in Social Marketing and her consultations to national, state and local organizations, Bryant helped put USF on the map as a vital sponsor of cutting-edge health social marketing programs. Over the last five years, Bryant and the FPRC have been awarded nearly \$6 million in competitive grants and contracts.

**Mary Evans**

College of Nursing

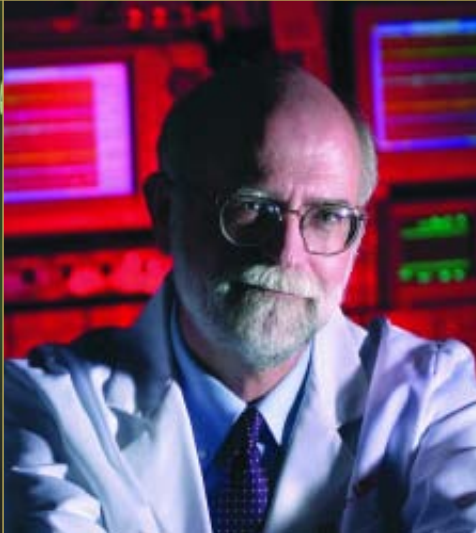
Mary Evans is professor and associate dean for Research and Doctoral Study in the College of Nursing. She has been instrumental in substantially increasing external funding for the College of Nursing. An internationally recognized expert in children's psychiatric problems, Evans has received funding of more than \$13 million over her career, primarily from the National Institute of Mental Health.



Jeffrey Krischer

Department of Pediatrics
College of Medicine

Jeffrey Krischer is professor and chief of the Division of Bioinformatics and Biostatistics, Pediatric Epidemiology Center, Department of Pediatrics in the College of Medicine. With more than \$20 million yearly in National Institutes of Health funding, Krischer ranks in the top five percent of all NIH-funded investigators over the last 30 years. He is internationally known as a leader in the field of Type 1 Diabetes epidemiologic and preventive research and, most recently, rare disease research. He has been a key influence in USF Health achieving the distinction of Top 10 NIH-funded Pediatrics Departments among U.S. medical schools.



Bruce Lindsey

Department of Molecular Pharmacology
and Physiology
College of Medicine

Bruce Lindsey is professor and chair of Molecular Pharmacology and Physiology in the College of Medicine. A world-renowned leader in computational neuroscience, he is helping define the connectivity of brainstem respiratory neurons involved in the peripheral and central regulation of breathing. Lindsey has received continuous NIH funding as a principal investigator for more than 20 years, including his most recent Javits Neuroscience Investigator Award—a prestigious, seven-year, multimillion dollar grant from the National Institute of Neurological Disorders and Stroke. He was instrumental in establishing an interdisciplinary research team with one of the world's most advanced laboratories for studying brainstem neural networks.



Dr. Richard Lockey

Departments of Internal Medicine
and Pediatrics
College of Medicine

Richard Lockey is professor of Medicine, Pediatrics and Public Health, and director of the Division of Allergy and Clinical Immunology in the College of Medicine and holds the Joy McCann Culverhouse Chair in Allergy and Immunology. He has developed an Allergy and Immunology Division internationally known for its education, research and service. Lockey is a past-president and fellow of the American Academy of Allergy, Asthma and Immunology and a fellow of the American College of Physicians and American College of Chest Physicians. He is currently treasurer of the World Allergy Organization and in line to become president of that international organization.

PHOTOS: JOSEPH GAMBLE, ERIC YOUNGHANS, JASON MARSH



Global

L e a r n i n g

WITH NEARLY 1,500 INTERNATIONAL STUDENTS FROM 127 COUNTRIES, USF IS GROWING ITS REPUTATION AS A GLOBAL INSTITUTION OFFERING RICH ACADEMIC, SOCIAL AND CULTURAL EXPERIENCES.

BY ANN CARNEY



AS EARLY AS FOURTH GRADE, Hesborn Wao dreamed of becoming Dr. Hesborn Wao. But, with limited opportunities for higher education in his homeland of Kenya, Wao looked west, applying to USF in pursuit of his dream. In December, Wao will graduate, officially adding the title “doctor” to his name.

Wao is one of nearly 1,500 international students currently enrolled at USF. They come from 127 countries—India, China, Zimbabwe and Azerbaijan, to name a few. Eager to connect with students of the world through higher education, they leave their families and friends behind, focused on preparing themselves to become active participants in an increasingly global society.

It’s no surprise they choose USF—reputation and word-of-mouth are among the university’s most powerful recruitment tools.

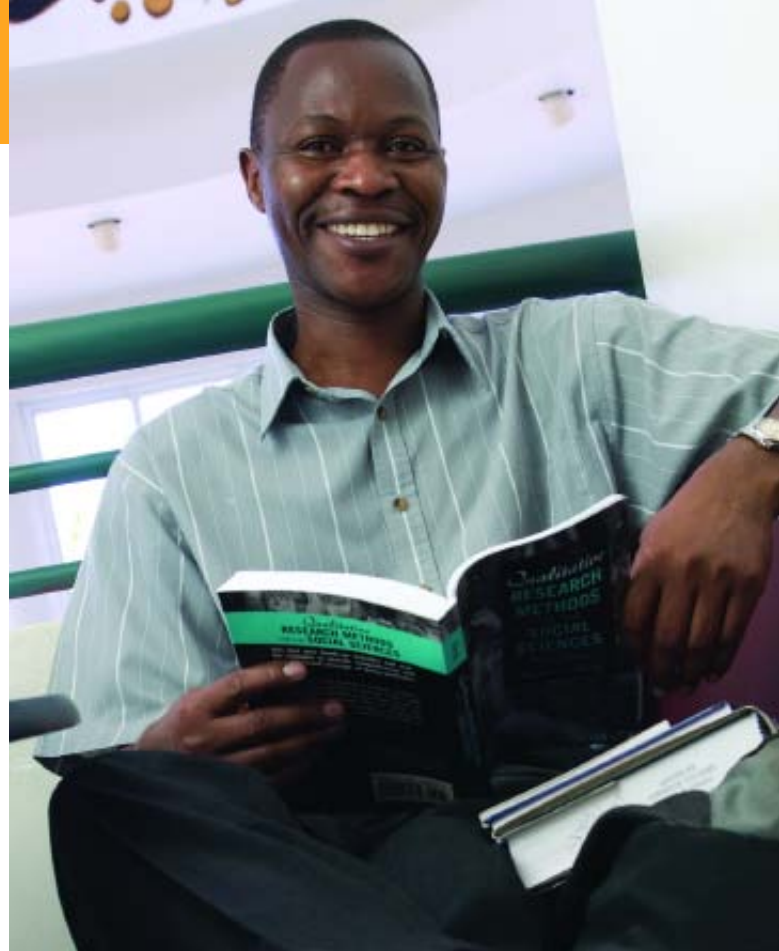
“USF has a global reputation,” explains Maria Crummett, dean of International Affairs, adding that the university’s International Admissions Office actively brands to overseas advising centers. “Word-of-mouth builds a community.” And that extends to the athletic community as well. “International athletes are some of our most outstanding athletes and scholars,” she says.

Attracting international students is a priority for USF.

“A truly great institution in the 21st century is a global institution. The commitment to diversity is not just rhetoric—it is part of the future of USF now,” says Crummett, pointing to the university’s many international administrators and faculty members. “By definition, education at USF has a global dimension.”

And that dimension enriches every aspect of the institution. International students bring new perspectives, viewpoints and experiences to the classroom. They represent the world, bringing a diversity that enriches social experiences for all students and promotes cross-cultural understanding.

But navigating a U.S. education can often-times be challenging for international students. Visa requirements, finding a place to live, understanding public transportation, establishing communications and registering for



• Hesborn Wao • Kenya

• Doctoral Candidate, Measurement and Evaluation

“USF gave me the opportunity to do something that was almost impossible in Kenya.”

classes can be overwhelming.

That’s where International Services comes in, the main administrative and immigration advising office for international students. International Services advises students on personal, immigration, visa, academic, social and acculturation matters; promotes awareness, understanding and compliance with regard to federal laws and university policies; plans workshops on a variety of topics; and collaborates with other USF departments to promote cross-cultural understanding. The office additionally hosts customized orientations, monthly parties and special events to make students feel at home and incorporate them culturally and socially into every aspect of the university community.

“USF has really risen to the challenge of involving international students in campus life,” says Marcia Taylor, International Services director. “There are numerous clubs and organizations with an ethnic dynamic that readily welcome international students. When these students graduate they feel wonderfully attached. They have come to appreci-



JOSEPH GAMBLE

ate our research front, our social front, our athletic front.”

Elizabeth Perkins, a graduate student from the United Kingdom knows first-hand. “There are so many great activities and so many people willing to help. There is always something going on. You just have to tap into those resources and take advantage of all the university offers.”

But for all the university offers its international students, Crummett and Taylor agree the return is ten-fold.

“International students bring a wealth to the university, to the community and to their respective fields,” says Crummett.

“They bring a window on the world for our

students and our faculty. We would not be an institution of higher learning without them.”

Meet a few of our international students

Elizabeth Perkins says she has always had an affinity for the United States. So, in 1998, feeling she hadn’t fulfilled her academic potential, Perkins headed for the states, stopping first at St. Petersburg Junior College, before transferring to USF. By 2003, with a 4.0 grade-point average (earning her recognition as a King O’Neal scholar), Perkins had achieved what she set out to do—earn a bachelor’s degree in psychology.

The experience whetted her appetite for learning.

During her final semester as an undergraduate, Perkins took Dr. William E. Haley’s Psychology of Aging class. “I absolutely loved it,” she recalls. “I’d had a lot of experience in elder care working in my family’s nursing home business, but not academic experience.”

Haley encouraged Perkins to continue her studies, and offered her an opportunity to become involved in a now-published research project in conjunction with Moffitt Cancer Center and Research Institute.

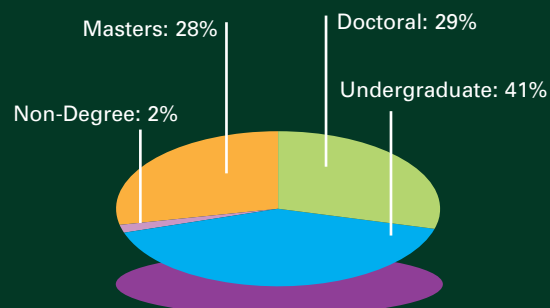
“He was a great mentor from the get-go,” Perkins recalls. “He told me about the PhD program in aging studies and suggested I apply.”

Perkins plans to complete her doctoral degree by next

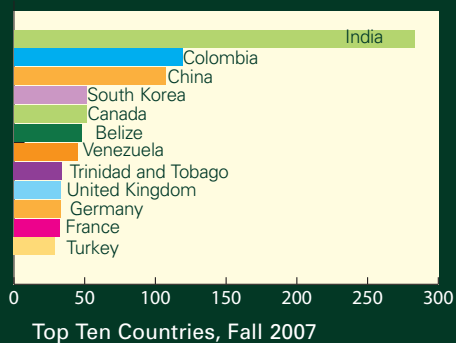


GETTY IMAGES

By the numbers



International Students by Academic Level



Top Ten Countries, Fall 2007

“A truly great institution in the 21st century is a global institution. The commitment to diversity is not just rhetoric—it is a part of the future of USF now.” – Maria Crummett



JOSEPH GAMBLE

• Elizabeth Perkins • United Kingdom • Doctoral Candidate, Aging Studies

"I never thought that within the first year of my PhD program I'd have a published article."

summer. It will become her latest accomplishment in a list of many. Earlier this year, Perkins received the College of Arts and Sciences' Publication Award for a Doctoral Student and Faculty Mentor, and the Provost's Commendation for Outstanding Teaching by a Graduate Teaching Assistant. In 2006, she was personally awarded the Mattie J. T. Stepanek Intergenerational Caregiving Scholarship by former First Lady Rosalynn Carter. In addition, Perkins has received two research grants; she has published six articles and book chapters, taught three courses and presented at numerous conferences and workshops. Her research interests center on aging caregivers of adults with intellectual stroke developmental disabilities.

"I always knew I had potential; USF has been the vehicle for realizing it. My experiences here have been life-changing."

While Perkins says coming from the U.K. meant less of a cultural adjustment than many international students face, the sheer size and scale of the university was daunting at first. Friends, supportive faculty and a plethora of programs, activities and resources quickly made her feel at home.

"The people at USF and the experiences I have had have helped establish a foundation for landing a good position at the end of the day," she says. "I would dearly love to stop at USF job-wise if an opportunity presented itself."

David Klinowski, a competitive swimmer, came to Jacksonville, Florida to swim and learn English after finishing high school in Venezuela. But, when he was sidelined by an injury and political unrest in his country grew, Klinowski's adviser suggested he stay in the states and focus on academics. That's when he turned his attention to USF.

"USF offered many more opportunities for me to grow academically and personally," he says, citing in particular, research opportunities, quality academics and student organizations. Klinowski applied for and received a scholarship to USF. By fall 2003, he was enrolled as an engineering major in the university's Honors College.

Not yet fluent in English and unaccustomed to on-campus living, Klinowski's transition was not without challenges. But the teen pressed on, achieving a command of the language and discovering the benefits of residence hall life.

"International Services has been an incredible resource," he says. "International Services provides legal counsel, guidance and social activities that let you get to know people in a





• David Klinowski • Venezuela

• Honors College Undergraduate, Physics and Economics

“Hopefully I can return and advance my country with what I have learned here.”

relaxed atmosphere.”

By his junior year, Klinowski switched his major to physics and added a second major in economics, a field in which he plans to pursue a master's degree. “I find both the social sciences and the natural sciences very appealing,” he says. Faculty members and advisers ensured the transition was smooth.

Klinowski, a senator of Student Government and incoming president of the Society of Hispanic Professional Engineers, praises USF for the abundance of opportunities offered to students outside the classroom.

“USF provides many different ways for students to grow as leaders,” he says, and that includes research opportunities. Over the summer, Klinowski traveled to Costa Rica with the Dr. Kiran C. Patel Center for Global Solutions to study the state of water in the Monteverde zone.

Klinowski believes international students enhance the experience of all students. “I think we bring a different perspective to the school, making the everyday life of students

richer. You get to see how people all over the world live just by being on campus.”

Hesborn Wao has a vision. He wants to develop an institute for students in East Africa interested in music. He wants to guide the students and train them so they can create original works and become productive, contributing members of society. USF has given him the tools to accomplish that.

Wao came to the United States in 2001, looking to further his education in the country he had heard so much about. His cousin, a USF student at the time, encouraged him to apply to the university. By 2003, Wao had earned a master's degree in curriculum and instruction with an emphasis in measurement and evaluation. But he wasn't finished; Wao saw the opportunity to learn more, and applied to the doctoral program.

In December, Wao will officially become Dr. Hesborn Wao, achieving a long-held dream from his childhood.

Wao had much to learn upon his arrival—simple things, like ordering food, and more complicated things, like mastering the computer. “I never looked at myself as stupid,” he says. “I realized I had to learn a new environment.”

He also had to change his way of thinking about the teaching profession. A high school math and accounting teacher for three years before coming to the U.S., Wao was stunned to learn, while teaching a GED prep class, that American students rely heavily on calculators and don't hold teachers in the same esteem as is customary in his homeland.

“I had to learn this is how it is here. I had to learn a different way.”

Wao is quick to recognize his department, doubting there is another like it on campus. “They always give me—a single student—an audience, as long as I need, until I am done,” he says.

“I have learned a lot here. I have broadened my mind, and am able to co-exist with people from different cultures,” Wao says, adding that he is deeply grateful for the financial assistance he has received from USF. “I have acquired the skills of adjusting to a different place and developed a desire to learn more and more. I have committed to lifelong learning.”

He adds, “What I have gained from USF is far more than what I have given.”

VIRTUAL

DIGGING

USF ARCHAEOLOGISTS USE
21ST CENTURY TECHNOLOGY
TO PRODUCE NON-DESTRUCTIVE
INVESTIGATIONS AND HIGH
DEFINITION RESEARCH

PHOTO BY JOSEPH GAMBLE





BY RANDOLPH FILLMORE

ALTHOUGH NO ONE EVER SAW HIM DIG, movie archaeologist Indiana Jones was always covered in dirt. Likely when Indy did tear into ancient cities and tombs in his quest for artifacts, he not only generated teeth-gritting clouds of dust, but also destroyed precious historical sites level by level.

Sorry, Indy, it's not like that anymore. Welcome to 21st century laser scanning and virtual archaeology, a whole lot cleaner and carried out without destroying history.

USF archaeologists Lori Collins and Travis Doering are not using the dirt archaeologist's trusty trowel these days. They are using the latest hi-tech imaging and remote sensing equipment to dig "virtual holes," and using advanced digital techniques to capture, preserve and display artifacts more accurately and effectively.

To forward their new brand of archaeology, Collins and Doering have not only "excavated" extensively in the field, but also established the Alliance for Integrated Spatial Technologies (AIST) at USF. The alliance will share spatial research strategies, equipment and software with interested disciplines and afford students multidisciplinary experiences in research projects. Anthropology, Architecture, the Arts, Engineering, Geology, Geography, Environmental Science and Medicine are all departments that can work through AIST.

Doering and Collins, former graduate students at USF and the first PhD recipients in the Department of Anthropology's archaeology track program, started the AIST for a number of reasons.

"Accurate spatial documentation is necessary for a number of fields," says Doering, research coordinator for AIST in the Office of Research and Scholarship in the College of Arts and Sciences at USF. "It's a growth industry and students who are becoming more technologically savvy need to add these technologies to their research arsenal."

Real world problems can be solved using these technologies and, accordingly, students are increasingly incorporating them into their research.

"We are providing faculty and students with the opportunity for interdisciplinary training and research in three-dimensional visualization and spatial mapping using High Definition Documentation Survey technologies," explains Collins, now a fac-



Doering scans a carved stone disc from the archaeological site of Kaminaljuyu in Guatemala.

ulty member in the Department of Anthropology. "This includes 3D Laser Scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS), photogrammetry, multi-spectral imaging, and other forms of surface and sub-surface remote sensing."

Collins points out that outside industries, as well as the public sector and government agencies, are working with the AIST, finding ways to utilize their suite of technologies and giving USF students real world, industry contact. The collaboration benefits the university by helping to open new partnership channels, says Doering.

Their 21st century archaeological technology allows them to collect extremely accurate spatial data on artifacts, structures, and even landscapes, then measure, document, visualize and duplicate the data.

"For example, we use laser scanners that produce ultra-high precision and accuracy," explains Doering. "The procedure is non-contact, non-invasive and non-destructive."

Collins and Doering have conducted cultural heritage projects using the laser scanning in Florida, the Bahamas, Mexico and Guatemala.

Along with four USF graduate and undergraduate researchers, the pair spent the summer of 2007 in Guatemala working on the Kaminaljuyu Sculpture Project. Their goal was to establish a digital, "expandable database" of Mesoamerican



Collins uses GPS to accurately document the location of a stone monument scanned by the pair during work at the archaeological site of Takalik Abaj, in Guatemala. The resulting scanned image shown above reveals detail not visible to the human eye.

carved artifacts that could be viewed on the Internet and analyzed by other researchers and a curious public.

Supported by a grant from the Foundation for the Advancement of Mesoamerican Studies, Inc. (FAMSI), their summer work is posted on the FAMSI Web site www.famsi.org and on their USF Web site <http://AIST.cas.usf.edu>.

Clicking on the FAMSI Mesoamerican Three-Dimensional Imaging Project Web page (http://research.famsi.org/3D_imaging/index.php) students, researchers and interested browsers can select an artifact, rotate it 360 degrees, magnify, measure and fully analyze it as if they were holding it in front of them. More than 150 Kaminaljuyú sculpted pieces, from museums, private collections, and those in situ, were scanned during the summer project and will soon appear on the database. The database is "expandable" in that it can be added to regularly as new pieces are discovered or become available.

"The period during which these artifacts were produced, from circa 500 BC to AD 250, was a period in which Mesoamerican elites displayed their ideology, power, authority and wealth," explains Doering.

Thanks to virtual archaeology, their ancient ideology and wealth becomes apparent and demonstrations of their authority and power can once again be viewed and appreciated. Until now, the sculptures and sculptural fragments were disunited, inadequately documented, and difficult to access and, for those reasons, understudied. Limitations the

project was designed to remedy.

"The Mesoamerican Three-Dimensional Imaging Project allows researchers to compare carved glyphic and iconographic inscriptions in collections alongside those still in situ at archaeological sites," explains Collins. "This ability aids in interpretation and explanation as well as preservation and protection of the artifacts. For the first time, the objects are made available for in-depth analysis by researchers around the world and in the comfort of their office or lab."

The scanned images provide significantly greater detail than photographic methods, which might include less effective photography or two-dimensional renderings, such as sketching or rubbing. Now, the electronic images are free and available to anyone with access to the Internet.

According to Doering, this accurate and detailed imaging of drawings and writing on stone, wood, shell or stucco artifacts is essential to understanding their relationship to culture and a better understanding is essential to preserving cultural heritage through interpretation.

Using GPS and long range scanners, larger scales such as archaeological sites and landscapes can also be presented and preserved in this same way, according to Collins. "We are integrating a variety of spatial methodologies and applying them to real world problems of heritage preservation and documentation," says Collins. "Virtual archaeology will allow future researchers to see the past in ways not currently imagined."

High Note

In January, USF Sarasota-Manatee will host the renown Perlman Music Winter Residency Program for some of the world's finest young musicians.

BY PHILIP BOOTH

WHY ARE 35 OF THE WORLD'S finest young classical musicians—accomplished violinists, violists, cellists and bassists—leaving their schools and homes in the major music centers around the globe during the winter holidays and descending on the

University of South Florida Sarasota-Manatee campus for two weeks?

The occasion: The fourth annual Perlman Music Program Winter Residency, presented by the Sarasota-based Van Wezel Foundation and led by superstar violinist and conductor Itzhak Perlman and his wife Toby Perlman, the program's founder. USF Sarasota-Manatee for the first time will be home to the PMP Winter Residency, previously held elsewhere in the area.

It's a rare chance for these uniquely talented players, many of whom are destined for positions as soloists, members of major orchestras and music professors at universities around the world, to undergo intense training with highly esteemed teachers. Last year's program attracted musicians, ages 12 through 20, from several countries.



AKIRA KINOSHITA





“The Winter Residency is a golden opportunity for USF to take center stage in the world of classical music and the performing arts.”

– Peter French

The Winter Residency is a golden opportunity for USF to take center stage in the world of classical music and the performing arts, says Peter French, associate vice president and dean of academic affairs at the campus. USF’s in-kind contribution, including classroom space, will amount to approximately \$250,000, with additional support provided by WUSF Public Broadcasting. The lion’s share of funding is underwritten by direct contributions to the Van Wezel Foundation.

“We’re enormously happy that the university has seen fit to make this unique event part of its larger commitment to the global nature of USF’s mission,” French says. “Great young musicians from all around the world will be overseen by a man who is a giant in his field. The PMP represents a musical global commitment. It’s

really a worthy initiative for USF.”

The campus setting makes USF Sarasota-Manatee an ideal location for the Winter Residency, says Elizabeth Power, grants and Perlman Music Program manager with the Van Wezel Foundation, which has coordinated the program for the past two years. During that period the foundation rented the Beatrice Friedman Symphony Center in Sarasota as a home for the program.

“The campus has more than 20 classrooms that they’re going to let us use for lessons, as well as private practice,” Power says. “The fact that this falls within the campus’s winter break is perfect for us, because we can use the building the entire time. And to have the Hilton Garden Inn right next door is a huge benefit. It’s a very family-like atmosphere—all of the students and faculty work together, eat together and live in the same hotel.”

Many of the young musicians selected for the Winter Residency are return attendees, and have also participated in the PMP’s six-week summer sessions, held on Shelter Island, N.Y., for students ages 12 to 18.

The Winter Residency’s primary purpose is to offer additional enrichment and professional training opportunities, including intense private lessons; solo, duo, trio, quartet and quintet performances; and work with the chamber orchestra. There’s also the opportunity for these young instrumentalists to use a different “voice”—the one they were born with—via singing together in a chorus.



All Winter Residency rehearsals are open to the public

“That’s part of their musicianship training,” Power says. “Students are able to develop their listening skills, and they can work on their musical phrasing. It also builds team spirit.”

In addition to the program’s practical musical applications, the Winter Residency also allows for great camaraderie, said New York-based violinist Giora Schmidt, 24, a soloist and chamber musician who gives concerts around the world and teaches with Perlman at the Juilliard School. Schmidt, a graduate of the PMP summer sessions, has been on faculty with the Winter Residency since its inception in 2004.

“The PMP is very much like a family,” Schmidt says. “Once you’re a student there, you’re part of the family. Some of these kids haven’t seen each other in several years. So this is very much like a mid-year family reunion, in terms of them sharing music and enjoying their friendships.

“In terms of the musical education, any time that these students get an opportunity to work with the faculty of the PMP, it is invaluable to them,” Schmidt adds. “That combined with the warm reception the community gives to the students—from the volunteers to the audience members—is great.”

Practice for the Public

For the Winter Residency, a 500-seat tent will be raised in the courtyard of the USF Sarasota-Manatee campus. There, on a raised stage, the program’s participants will gather for approximately 20 rehearsals of the chorus and chamber orchestra, works-in-progress, student recitals and master classes. All are open to the public, with free tickets available in mid-November at the Van Wezel Performing Arts Center’s box office. In addition, outreach concerts will be held in the Bradenton/Sarasota area. The Perlman Music Program Celebration Concert, Jan. 2 at the Van Wezel, will be followed by an optional fundraising Celebration Dinner. For more information about these events, go to www.vwfoundation.org or call the PMP hotline at (941)955-4942.



Matt Grothe

Looking Ahead

Bulls won't stand still in effort to seek even higher level of success

AFTER 10 SEASONS of University of South Florida football, there are few if any surprises when it comes to head coach Jim Leavitt's formula for success. He simply won't allow past success to get in the way of present and future success.

Who could blame the architect of USF football if he were to rattle off the list of team accolades in the first 10 years?

- A meteoric rise from non-existence to BCS football
- Membership in the Big East Conference
- Wins at seventh-ranked West Virginia (2006) and vs.

ninth ranked Louisville (2005)

- Back-to-back bowl bids, including a championship in the 2006 Papajohns.com Bowl
- A 70-43 record in 10 seasons, despite the fact football had never been played at USF
- Ten players who have been on regular season NFL rosters, including four who have been Super Bowl participants, with three of them earning a championship ring

But for all that—and more—Leavitt is focused solely on the 2007 season. And while almost every preseason publication has given the Bulls Top 25 consideration, including a 21st place ranking by *The Sporting News*, the head coach is keeping the focus within.

"If you're standing still, you're really moving backwards," says Leavitt. "We have to work every single day to get better. We can't rest. Our coaches know that. Our players know that. There's so much we haven't accomplished yet. And to do that, we have to work."

In just its seventh season as a full time member of the NCAA Football Bowl Subdivision, USF football is making history. The Bulls debuted at No. 23 in the Sept. 16 AP Poll, and No. 24 in the *USA Today* Coaches Poll. The Bulls rise from FSB member to national ranking is the second fastest in NCAA history. The Bulls were thrust into the spotlight Sept. 8 with a stunning 26-23 overtime victory against 17th-ranked Auburn.

The ethic will be the same as it always has been around Leavitt. All work. But it also will play out with a largely reformulated staff. When four assistants on the 2006 staff took new positions elsewhere—including offensive line coach Greg Frey, who was the final member of Leavitt's original staff in 1997—Leavitt was pure to form and didn't look back for a second.

He immediately promoted tight ends coach Greg Gregory and graduate assistant Mike Simmonds to replace departed offensive coordinator Rod Smith and line coach Frey respectively. To fill Gregory's tight end role, he promoted graduate assistant and former USF lineman Larry Scott.

Quickly thereafter, Leavitt put on his recruiting cap and pulled some coups by bringing in longtime Iowa State head coach Dan McCarney to replace Bernard Clark on the defensive line, and he "recalled" an original staff member—Mike "Chico" Canales—to coordinate the pass game and take over the receivers from Lawrence Dawsey.

McCarney was the longest-tenured head coach in the Big 12 when he left Iowa State and Canales worked with both Phillip Rivers and Jerricho Cotchery as the pass game coordinator at North Carolina State. Later, he was the receivers coach for the New York Jets, working with Santana Moss.

Leavitt is hardly standing still. And neither will his team.

The Offense

In 2006, USF filled in the missing piece of the offense from the previous few seasons—a multi-faceted quarterback in then-redshirt-freshman Matt Grothe. Grothe gave the Bulls a dual threat quarterback they hadn't seen since career-record holder Marquel Blackwell



Jim Leavitt

USF ATHLETICS

finished out his senior season in 2002.

So even with the departure of all-Big East running back Andre Hall, the 2006 USF offense improved its numbers dramatically over 2005, climbing 35 spots to 44th in the national rankings. Now, in 2007, with a deeper pool of running backs than last season, hopes are high for further improvement as the Bulls can perhaps see even more balance.

Although Greg Gregory is in his first season as coordinator, he has been on the staff for the past two years and will surely build on what the Bulls have done best in their offense. At the same time, he has a wealth of experience in coaching run offenses, while pass game coordinator Canales offers the perfect complement, promising an outstanding leadership team in 2007.

The Defense

With the exception of one "blip" in 2004, the USF defense has been a tenacious trademark of USF football. And why not? Head coach Jim Leavitt is defensive-minded, and he has turned the unit over to one of the finest defensive minds in the college game—Wally Burnham. Now, in 2007, yet another defensive mind comes on board in the person of Dan McCarney, longtime head coach at Iowa State. Despite listening to the Tampa Bay Buccaneers about a position, McCarney opted to join Leavitt and staff, lending even further "teeth" to the defense.

With eight starters back from a defense that allowed just 298 yards a game in ranking 25th in the nation last year, there is obviously a solid nucleus. And while the defense did its job throughout the 2006 season, the hopeful momentum from an incredible finish to the season could also be an asset.

— John Gerdes

Elizabeth Bird

Anthropology chair's research is focused on pop culture and the role of media in everyday life

ELIZABETH BIRD, PROFESSOR AND CHAIR of the Department of Anthropology, first came to Tampa in 1996, when her husband, Graham Tobin, was recruited as chair of the Department of Geography. A cultural anthropologist, Bird was invited to join the Department of Anthropology as a visiting professor, and was named a full professor the following year. In 2003, she was appointed department chair.

Widely published, Bird focuses her research and teaching on media, popular culture and visual anthropology with emphasis on audience response and the role of media in everyday life. Her recent interests include the role of visual methods in documenting communities' cultural heritage. Bird is author of *The Audience in Everyday Life: Living in a Media World*, winner of the 2004 Best Book Award from the International Communication Association. She received a USF Outstanding Research Achievement Award in 2005, and this year was named one of two winners of USF's



Askounes-Ashford Distinguished Scholar Award, to be presented in the fall.

Currently, the British-born and raised Bird is editing a collection of essays on the anthropology of journalism, as well as working on local cultural history projects with graduate students. In the fall, accepting an invitation she calls a "great honor," Bird will be a Visiting Scholar at the prestigious Annenberg School for Communication at the University of Pennsylvania.

USF: What do you want your students to understand about the influence of the media?

Bird: Students need to know that we live in a mediated culture, in which all reality is filtered through a media lens. Students need to be critical of the media messages they receive. They need to be able to make judgments about the source.

USF: What has been the most dramatic use of media technology in the past 10 years?

Bird: The cell phone. It's been revolutionary; I don't

Quick Takes

Greatest technology invention: The Internet

Most significant media event of the 21st century: The release of the last Harry Potter book

Most memorable character: Heathcliff of Wuthering Heights

Bangers and mash or burgers and fries: Bangers and mash, every time

Preferred way to communicate: In writing



JOSEPH CARMBLE

think anyone could have predicted the kind of multi-purpose device it has become.

USF: Has the portrayal of women in the media improved in the last 20 years?

Bird: Yes. Today, women are much more equally represented. It's taken for granted that you will see women lawyers, doctors and company presidents. The downside is that women have really been sexualized, particularly the leads—we see not just women lawyers, but impossibly young, sexy,

glamorous women lawyers—to the point that it is absolutely ludicrous.

USF: How do you explain the enormous popularity of Harry Potter?

Bird: It's hard to put your finger on any one thing. At one level, they've tapped into a timeless, mythical theme. Young kids enjoy the magic and mischief. Adults respond to the larger themes, like good versus evil. And teenagers relate it to a lot of things that happen in their world, in spite of the extraordinary setting.

USF: What do you make of the huge number of reality TV shows today?

Bird: They're very cheap to make, that's the practical thing. You don't pay the performers. Part of the appeal is the natural look and feel. The idea of watching people behave in stressful circumstances is fascinating—but of course, much of the “reality” is carefully contrived.

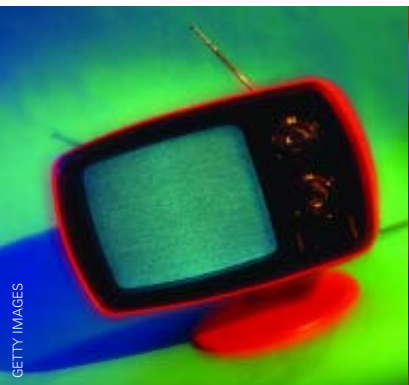
USF: Is the media more of a positive or negative influence for children today?

Bird: It's too late to worry that your kids are going to be exposed to media; that is today's reality. For parents, the thing is to try and exercise some degree of control.

USF: Proudest moment?

Bird: Personally, my proudest moments come from my children and their achievements. Professionally, it is always nice when a book comes out (and when people read it!). I am also very proud of the Department of Anthropology; I believe we are one of the best departments in the university.

– Ann Carney



GETTY IMAGES

PROSPECTIVE STUDENTS

CURRENT STUDENTS

PARENTS

ALUMNI & FRIENDS

FACULTY & STAFF

COMMUNITY

ABOUT USF
ACADEMICS
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ATHLETICS
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Serving over 45,000 students on four campuses

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Cashier's Office

Page 1 of 4



NEWS & INFORMATION

Jack Hanna Kicks Off USF
Lecture Series Sept. 24

USF Bulls Ranked No. 23 in
Nation - First Time in Top 25

Podcast - Prof. Michael Lynch
on America's Prison System

Affordable Housing Proposals
Presented by USF Students

Rocky Horror Show Sparks Fall
Theatre and Dance Season at
USF

-More-

SEPTEMBER 20 EVENTS

Fall Collaborative Art Exhibition
8:00 AM - 5:00 PM

Undergraduate Admission
Information Session
10:00 AM - 11:00 AM

Elsewhere
10:00 AM - 5:00 PM

MediaAmerica Exhibition
11:00 AM - 3:00 PM

-More-

SPOTLIGHT



**Meet Our Faculty -
Dr. Earl Conteh-
Morgan**

"I thought it would be
exciting to be part of
such a vibrant community, and
even contribute to its growth and
visibility through research, teaching,
and publications."



**Meet Our
Undergraduate
Students - Alecia**

"USF is located in a
big city that provides
a lot of fun activities, but there is
still a sense of having a home and
small community when on campus."

USF's new Web site went live in September. The site includes several new features designed for convenient access to the latest university information.

To experience the new site, go to www.usf.edu. Follow the News and Information link for a complete summary of the site's new features.



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