

A centerpiece for Athletics: Moore Center Reborn

By Jeffery Seay
Editor in Chief

Call it the final piece of the University Center puzzle. Four stories of Seminole spirit. Dressed out in red brick, it's pure garnet and gold.

It is the Coyle E. Moore Athletic Center, a steel, brick and mortar all-star of FSU Athletics. At more than 163,000 square feet, it is the centerpiece of Athletics' Facilities Master Plan. Scheduled to be completed in early February 2004, it will be the new home of the Department of Athletics and Seminole Productions, an auxiliary of the College of Communication.

"I'm just impressed with the total structure," said Dave Hart, director of Athletics. "Top to bottom, it gives us a facility that serves all of our needs and one that will serve us well for many years to come."

The new building, which was primarily designed with the student-athlete in mind, provides more than administrative office space. It will give student-athletes access to academic support services, student development/ life skills

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Dave Hart

Michele Edmunds/FSU Photo Lab

Campaign will urge lawmakers not to shortchange higher ed



Officials at the Q&A campaign launch were, from left: Patrick Sullivan, president of both the FSU student body and the Florida Student Association; Debra Austin, chancellor of the State University System; Carolyn Roberts, chair of the Florida Board of Governors; T.K. Wetherell, president of FSU; John Hitt, president of University of Central Florida; William Merwin, president of Florida Gulf Coast University; and Fred Gainous, president of Florida A&M University.

The presidents of Florida's public universities have joined forces to launch a campaign urging the state Legislature to adequately fund higher education.

John Hitt, president of the

University of Central Florida and chairman of the State University Presidents Association, launched the campaign, "Quality and Access For Florida's Public Universities," at a news conference Oct. 13. He was joined by FSU President T.K. Wetherell,

Florida A&M University President Fred Gainous, Florida Gulf Coast University President William Merwin and other university officials.

"Declining state funding has placed an unfair burden on Florida's public universities," Hitt

said. "We have been hit with budget cuts at a time when many of our universities are experiencing record high enrollments. In short, we have been asked to do more with less. As tuition increases and general revenue decreases, we are equally concerned that students also are paying more and getting less."

The "Q&A" campaign is designed to raise awareness about the economic hardships facing the universities. Last spring, the Legislature cut funding for the 11 state universities by \$40 million and failed to provide any funding for new students. About 16,400 students in the university system remain unfunded.

The funding per student for 2003-04 is 16 percent lower than it was four years ago. The cuts could affect both the quality of education students receive and their access to state universities.

"Florida's students deserve

adequate funding so they can be educated in a quality environment," Wetherell said. "We know that the Legislature has funds put away for a rainy day. Our campuses are now experiencing their share of rainy days, and the state's continuing failure to fund higher education means worse storms are brewing."

The cuts mean larger class sizes, fewer course offerings and fewer faculty and staff available to serve students. Adequate funding will help Florida retain its best and brightest students instead of losing them to out-of-state schools.

As part of the campaign, university presidents are urging those who support higher education to talk to their legislators and to mobilize networks of supporters to help raise awareness about the value of Florida's public universities to the state's economy.

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Public servants and a prof are 'Grads Made Good'

By Jeffery Seay
Editor in Chief

Two high-ranking officials of the administration of President George W. Bush and one professor of English who is an internationally known political commentator are proof-positive of the high caliber of graduates that FSU produces.

The three alumni will return to campus during this year's Homecoming, Nov. 14 to 16, as Omicron Delta Kappa's "Grads Made Good." They are: Mel Martinez, U.S. secretary of Housing and Urban Development; Diane Roberts, professor of English at the University of Alabama; and Jim Towey, deputy assistant to the president and director of the White

House Office of Faith-Based and Community Initiatives.

■ Mel Martinez is the nation's 12th secretary of HUD, the federal agency that oversees the nation's affordable housing and provides housing assistance for low-income people. Unanimously confirmed by the United States Senate, he was sworn into office on Jan. 24, 2001.

"Since leaving his Cuban homeland as a boy, Mel Martinez has been the embodiment of the American dream and has had great success in helping the people of his community obtain affordable housing and urban services," said President Bush in nominating Martinez.

Under the leadership of Martinez, HUD has expanded

home ownership opportunities to more Americans—particularly minority and low-income families—through budget initiatives and partnerships with community-based housing providers.

Born Oct. 23, 1946, in Sagua La Grande, Cuba, Martinez came to America in 1962 as part of a

Catholic humanitarian effort called Operation Pedro Pan that eventually brought 14,000 children to this country. Catholic charitable groups provided Martinez, who was alone and spoke little English, a temporary home at two youth facilities. He subsequently lived with two

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Mel Martinez



Diane Roberts



Jim Towey

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Physicist Fisk named the latest Francis Eppes Professor

By Jill Elish
Assistant Director, Media Relations

FSU's newest Francis Eppes Professor is one of the foremost condensed matter physicists in the world.

Zachary Fisk, the Paul A.M. Dirac Professor of Physics, joined the FSU faculty and the National High Magnetic Field Laboratory in 1994. Now as an Eppes Professor, Fisk joins the ranks of the university's most eminent scholars.

An internationally recognized experimentalist in condensed matter research, Fisk explores the electronic properties of magnetic and superconducting materials. His work shows promise of establishing whole new classes of electronically important materials.

"This is a most unexpected and, I must say, hardly deserved honor," Fisk said of the Eppes appointment. His colleagues beg to differ.

"I have known Zach Fisk for more than 20 years and during this time, he has been one of the most



Zachary Fisk

impressive scientists I have known," said Jack Crow, director of the National High Magnetic Field Laboratory. "His deep understanding and love of science

have been reflected in the outstanding contributions he has made to many areas of condensed matter physics. In addition to being a great scientist, he is a won-

derful, friendly and open person."

Fisk studies the physics of correlated electronic materials and their exotic superconductivity and magnetism. In 1996, he was

inducted into the National Academy of Sciences, a society of distinguished scholars. Election to the academy is considered one of the highest honors bestowed upon a scientist or engineer. He also is a fellow of the American Physical Society and was awarded the society's International Prize for New Materials in 1990.

In 1992, he received the E.O. Lawrence Award from the U.S. Department of Energy. He is a Distinguished Fellow of the Los Alamos National Laboratory and a recipient of the lab's Distinguished Service Award.

Fisk came to FSU from the University of California, San Diego, and the Los Alamos lab. He earned his bachelor's degree in physics from Harvard University and his doctoral degree from the UC-San Diego.

The Francis Eppes professorships are named for President Thomas Jefferson's grandson, who was one of the founding fathers of the Seminary West of the Suwannee, FSU's institutional predecessor.

Varsity Club's humble beginnings give way to new home, more members

By Bayard Stern
Managing Editor

The FSU Varsity Club is reaching new heights—both in location and membership.

Athletes who have competed for the university over the years are joining the Varsity Club in record numbers and from every sport. And their meeting place is now bigger than ever, with the second floor of a two-story skybox that was completed in time for the 2003 football season.

"You've got an atmosphere here where former athletes have an opportunity to come back and mingle with their friends and feel like they are still part of a program," said Monk Bonasorte, executive director of the Varsity Club.

The Varsity Club now has more than 1,600 members who represent every official FSU sport.

"I'm particularly proud of the dramatic increase in female membership and people who played in sports other than football and baseball," said Bonasorte, who was an All-American defensive back and is in the FSU Hall of Fame. "Football has many more people on the team every year, so naturally they have a large presence, but other sports are really well represented today."

Access to the skyboxes during football games and for special events may be an incentive for



Monk Bonasorte

people to join. Or maybe it's the camaraderie created when a group of alumni have a common bond in addition to simply being graduates.

"None of this would be possible without Monk Bonasorte, Bob Cames and Henry Ostaszewski," said Sam Childers, a longtime member and former Seminole tight end. "I've been a member since I graduated and I've seen many changes over the years. It's really incredible where we have been and what we have now. It's great to watch the game around other former athletes who know what it's like to be competing for FSU."

Saying that changes have taken place during the club's history is an understatement.

The club began in 1960 as the F-Club. Several alumni decided to organize a group that was open to former FSU athletes. In the beginning, there were very few members and no steady place to meet.

The Letterman Club, renamed in the '70s, received little support from the athletic department and the university in general. The only gatherings centered around home football games with no official meeting spot in the stadium. The then loose-knit group drove to the stadium and parked outside the gate near the tunnel to meet.

"In the mid '70s, Billy Bishop would park his motorhome in the parking lot," said Dano Fiore, a long-time treasurer of the Varsity Club and former wide receiver. "He was the president then and a group of around 20 or 30 would meet there and eat sandwiches and drink beer. Those were the early days of Bobby Bowden and the stadium never filled up and you could park anywhere."

For a period of about 15 years, interest and support in the club would come and go because of a lack of organization and commitment from members.

But in 1986, the FSU administration agreed to give the Letterman Club access to the Rifle Range under Campbell Stadium for use during games. But they had to change their name.

"Steve Edwards and Bob Leach agreed to secure that space for us, but we had to change the name to make it more inclusive to women," Fiore said. "So we talked to Barbara Palmer and Cecile Renaud and we thought up the Varsity F-Club."

This gesture signified the first major support of the club by the university. Once the room was established it gave a new energy to formalize the membership process and to locate former athletes who were not active.

Twenty years later, the club moved from the bottom to the top—of the stadium.

In 1995, the Varsity Club officially was granted the right to construct a space within the stadium that was originally designed to become private skyboxes. Through a formalized fundraising process, the Varsity Club began to market a new facility exclusively for former FSU athletes. With a target figure of \$1.4 million, the need for help and support was at a premium.

With backing from the Seminole Boosters and the FSU Athletics department, the Varsity Club was able to construct the two skyboxes with money raised entirely from former athletes.

"Today the FSU Varsity Club is the only one of its kind in the country with skyboxes like ours," said Fiore. "It's a great place to watch the game—especially knowing how far we've come."

Having skyboxes is great, but the energy and connection the group feels toward each other seems to be more important.

"We're helping former athletes and we're helping current athletes," Bonasorte said. "We have a great venue and it's good for the university because you get that good warm fuzzy feeling of coming back and still being part of it. You still feel connected, whether it's being in the Varsity Club during a game or a special event, or getting our newsletters—you still feel connected to FSU."

Greenbaum studies the surprising versatility of RNA

By Jeffery Seay
Editor in Chief

For anyone who still thinks that RNA is only DNA's messenger service, think again. Delivering the genetic blueprints to a cell's ribosome for proteins to be made isn't RNA's only job, according to FSU chemistry and biochemistry Professor Nancy Greenbaum. Some of the genes in a cell's genome contain the sequence that spells out the code for RNA molecules which carry out active and essential roles in a cell.

In other words, RNA isn't just a go-between in the making of protein. It actually performs some of the tasks traditionally attributed to proteins and is the active chemical agent in some cellular reactions.

RNA splicing is one such example of a cellular process in which RNA is involved, both as the target of activity and as the active agent doing the chemistry.

Greenbaum is studying RNA splicing through a \$1.1 million, five-year grant from the National Institutes of Health, and other grants from the National Science Foundation and the American Heart Association.

RNA is a single strand of ribonucleic acid. It is the chemical cousin of DNA, which is the double helix of deoxyribonucleic acid

that stores a cell's genetic information. Like DNA, a string of RNA is made of four types of subunits, the order of which specifies genetic and structural information. Single-stranded RNA molecules are copied as complements of one strand of DNA. Every protein gene contains a specific DNA sequence, its recipe for synthesizing that protein. Once the message is copied from DNA to RNA, the DNA sequences that actually code for protein, known as exons, must be strung together in one continuous message, and segments that aren't coded, called introns, must be removed before the protein can be synthesized by the ribosome. This splicing process—much like film splicing—is carried out by a cellular machine called the spliceosome.

"The spliceosome contains both RNA and protein components, and there is strong scientific evidence that the catalytic core, or the 'business end' of the spliceosome, is predominantly composed of RNA," Greenbaum said. It therefore appears that the spliceosome is a ribozyme, an enzyme composed of RNA.

One of the greatest surprises to come out of biochemistry research in the past two decades is the discovery of ribozymes, a number of which have now been identified in nature, or have been engineered in a laboratory. For

example, we now know that the ribosome itself is a ribozyme—like the spliceosome, the ribosome contains both RNA and protein components, but it is the RNA part that synthesizes the new proteins, while the job of the protein components appears to be to bring the RNA components together. As another example of its biological versatility, RNA is responsible for genetic coding in certain viruses, in the place of DNA. The study of how RNA molecules are able to accomplish all these functions is an active frontier of biochemical research.

More specifically, Greenbaum's laboratory is trying to determine exactly how the RNA components of the spliceosome assemble to carry out the splicing reaction at the correct sites. Basic research such as this could be key to understanding the cause of certain cardiovascular diseases and cancers, some of which occur as the result of errors in splicing, and in the design of new approaches to treatment.

The NIH is interested in both basic and applied science that addresses issues related to health. Because of the importance of RNA splicing to understanding how RNA participates in cellular function under normal and disease conditions, the NIH grant was recently awarded to fund Greenbaum's structural and func-



Nancy Greenbaum

tional studies of the spliceosome.

"Understanding the structural features of RNA and how a particular structure relates to its function will help us understand how cells function under normal circumstances and what is happening when something goes wrong," Greenbaum said.

In addition, her four-year, \$500,000 National Science Foundation grant was awarded to study the basic functions of splicing and her two-year, \$120,000 American Heart Association grant was awarded to study aspects that pertain specifically to cardiovascular function.

Greenbaum's laboratory uses

nuclear magnetic resonance to obtain structural information about RNA. Nuclear magnetic resonance is the basic science technique behind the MRI used for medical imaging studies. Her research greatly benefits from NMR facilities in FSU's department of chemistry and biochemistry, and at the National High Magnetic Field Laboratory. She also enjoys bringing her research results into the classroom through her undergraduate and graduate teaching at FSU.

"How a string of only four kinds of subunits can fold up into specific shapes to carry out all these functions still holds many mysteries," she said.

A healthy house is what you'll get with these grads

By Vida Volkert
Staff Writer

Jessica Bell is no engineer, architect or construction worker, but the 23-year-old FSU alumna can read blueprints, draw house plans and design comfortable, safe and stylish houses.

She knows so much about the construction process of residential buildings that she is now getting paid to watch over construction sites in Albany, Ga.

"I make sure that everything, from the laying of the foundation to the erection of the walls, is being done correctly," Bell said from her office at America's Home Place, a large residential building company that hired her as a consultant in August—only weeks after graduation.

Bell, a native Floridian, said she learned about construction development, design, regulations and management at FSU.

She obtained her bachelor's in housing and residential sciences through the residential science program, part of the department of textiles and consumer sciences in the College of Human Sciences.



Kennita Kind, left, and Patty Hattaway

Graduates of the program are being hired at a 100 percent placement rate, according to Assistant Professor Kennita Kind.

Kind said she was not surprised to hear about Bell's new job. When students graduate from the program, they are in high demand because there are not that many professionals in the field, she said.

The FSU program is one of three in the nation and the only one in Florida. Last year, FSU had 24 students graduate from the pro-

gram and, this year, there are 100 active degree-seeking students.

Those numbers, according to Kind, are small, considering that housing is the seventh-largest industry in the United States and that Florida is the fourth-largest state in the nation, with its number of residents increasing.

"Housing is a pretty stable industry," Kind said. "Even if the economy is in a downturn, people still need a place to live."

The residential science pro-

gram prepares students for careers in areas such as property management, residential design, interior products retailing, mortgage banking, construction and development.

The program covers the history of housing and current statistics on housing in the United States and around the world. Students are taught to build, market and sell a house.

In the program, students are taught to think in terms of business and healthy families, according to housing instructor Patty Hattaway.

Some products, for instance, may be cheaper, but in the long run, may cause permanent damage, not only to the building but the inhabitants—as in the case of material containing asbestos or lead.

Knowing what products are acceptable and safe to use when building is as important as knowing the importance of energy efficiency and how best to use available space, she said.

Finding the right spot to place a window, for instance, may help bring in sunlight and save energy.

Bill Langford/FSU Photo Lab

Bill Langford/FSU Photo Lab

New center to house sports medicine, Seminole Productions

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services, strength and conditioning and compliance education services—and more—all under one roof. The building also will provide a larger area for the sports medicine program, which hadn't been given room to grow since 1967, according to Hart.

"Our student-athlete population has doubled since then," Hart said. "You begin to get a sense of just how outdated that area was in terms of being serviceable for the student-athlete population."

An expanded curriculum will go along with sports medicine's larger quarters.

Another of Moore's features will be a 230-seat auditorium, which will be used for classroom instruction by day, study halls in the evening and, among other uses, symposia and staff meetings.

"We never had a place where we could get together more than about 180 people—maybe that's being generous—closer to 125 people," Hart said.

Perhaps the most interesting feature of the Moore Center will be a sports museum. Though on hold for another two years so Athletics can stay on track both financially and functionally, the museum will house memorabilia from all FSU sports.

"It will be a final piece, a very celebratory piece of the building because it will be about our heritage," Hart said. "It will be something the public can enjoy, and something that can be used by our coaches for recruiting purposes. It will showcase the his-



Michele Edmunds/FSU Photo Lab

John Mayo

tory and traditions of all our sports programs."

Hart praised FSU alumni and fans who contributed to the Dynasty Campaign as the most integral part of making the new building a reality.

"Our alumni and fans understood that the campaign was all about the student-athlete, and all about creating facilities and environments that would be very functional and something that past, present and future student-athletes, as well as alumni and fans, would take a lot of pride in," Hart said. "So, had it not been for the generosity of a lot of donors, and the hard work of the Seminole Boosters staff, working hand-in-hand with the Athletics staff, we wouldn't be anywhere near where we are today."

The Dynasty Campaign, which was Athletics' first-ever capital campaign, concluded in October 2002. Donors surpassed its \$70 million goal by giving nearly \$76 million.

Besides the Moore Center's benefits to student-athletes, College of Communication students in the media production program will benefit from a studio and post-production facilities for editing.

"We're delighted to be part of that building," said John Mayo, dean of Communication. "Our equipment there, while not high definition, will be the most current production and post-production technology available, which will put us on a par, if not above, much larger academic programs."

With the broadcasting industry evolving more toward digital and high-definition standards, Mayo said the college didn't have the resources to constantly upgrade its equipment to allow students to be trained using the latest technology. As a result, the college strengthened its partnership with WFSU about five years ago, where most of the college's advanced production courses have been taught.

Now, with the addition of the new facilities in the Moore Center, Mayo said the media production program will be further enhanced.

The students who work for Seminole Productions have an excellent training laboratory in that they do broadcast-quality work, according to Mayo.

As a result, they are offered jobs at ESPN on a regular basis, and in large, medium and small television markets, from Hollywood to New York.

Seminole Productions started more than 15 years ago producing programs exclusively for Athletics, such as coaches' videos and shows, and highlight shows. Over time, however, it has taken on other work, both inside and outside the university.

It is directed by Mark Rodin, one of four Communication faculty members working in media production.

"I think there's a lot to be said by working in a professional environment where programs are actually being produced for broadcast," Mayo said.

Kaufman awarded medal

Roger Kaufman, a professor emeritus of educational psychology and learning systems, has been awarded a Meritorious Public Service medal by the United States Coast Guard.

Kaufman has assisted the Coast Guard



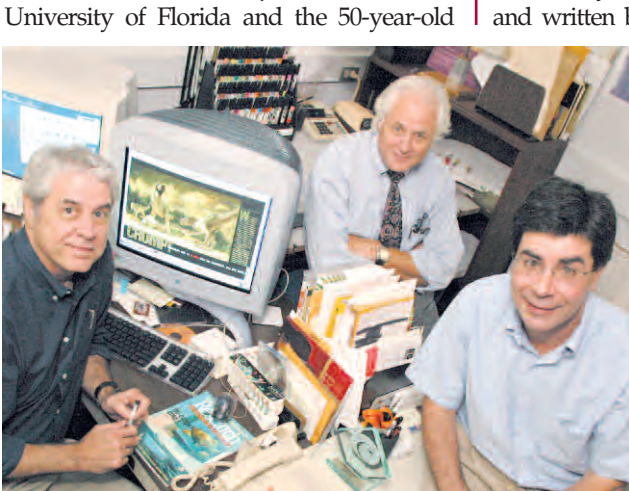
Robert Papp, left, and Roger Kaufman

association's founder—along with two second place Silver Awards, one for design excellence and another for general excellence.

Competing in the category for Association Magazines, Research in Review took Charlies for Best Written Magazine (overall); Best Feature Article and Best In-Depth Feature Article. Both feature-related awards were for "A Tale of Taxol," the story of the rise of Taxol from an obscure extract found in the bark of the Pacific yew tree to prominence in cancer pharmacology. The article, published as the cover story for the fall 2002 issue and written by Frank Stephenson, detailed the critical role that FSU organic synthetic chemist Robert Holton played in Taxol's development as a drug.

Research in Review is published three times annually by the Office of Research.

Its staff is Frank Stephenson, editor; James Call, associate editor and Robert Celander, art director. The magazine's Web site is www.research.fsu.edu/media/rinr.html.



Bill Langford/FSU Photo Lab

From Left: Robert Celander, Frank Stephenson and James Call

Museum gets accredited

The FSU Museum of Fine Arts has achieved the highest honor for a museum—accreditation by the American Association of Museums.



The staff of the Museum of Fine Arts: from left, Jean Young, Viki D. Thompson Wylder, Preston McLane, Wayne Vonada, Allys Palladino-Craig and Teri Yoo

The association's accreditation signifies the height of excellence within the museum community, according to Allys Palladino-Craig, director of the FSU museum. It is a seal of approval and strengthens individual museums and the entire field by promoting ethical and professional practices. Being accredited enables museum leaders to make informed decisions, allocate and use resources wisely, and maintain the strictest accountability to the public they serve.

Of the nation's nearly 16,000 museums, approximately 750 are currently accredited. It is a rigorous but highly rewarding process that examines all aspects of a museum's operations. The FSU Museum of Fine Arts is only 44 out of 461 museums accredited in Florida by the association.



Magazine tapped for honors

FSU's research magazine, Research in Review, won three top awards for writing excellence in a 2003 competition sponsored by the Florida Magazine Association. The awards were presented Aug. 24 at the association's annual conference and awards banquet in Sarasota.

The magazine won three "Charlie Awards"—so named for the late Charles Welborn Jr., a long-time professor of journalism at the

University of Florida and the 50-year-old

Fantasy life fuels Emmy-winning work of Harlow

By Peter B. Gallagher

Fantasy has always been reality to Andrew Harlow. It began with the comic books all over the bedroom of his boyhood home in Lake City, Fla. It progressed, in constant travels to a world called Make Believe, in the darkened media production studios of FSU.

Fantasy, that crazy hobgoblin of the genius mind, finally brought Harlow to the highest pinnacle of accomplishment in a career barely 10 years old. The Television Academy of Arts and Sciences awarded the graphic 3D artist and FSU graduate (B.S. '93) its top award last month: an Emmy for designing 3D space-craft and scenes 8,000 years into the future for Frank Herbert's "Children of Dune."

In order to win, Harlow had to beat a friend, protégé and fellow FSU alumnus, Eric Gamache. Gamache also was nominated in the same category—Outstanding Special Visual Effects for a Miniseries, Movie or a Special—for his work on Steven Spielberg's "Taken." Harlow received the award at the 55th Creative Arts Emmy Awards, a week before the televised Emmy program.

"This is fantastic. This is the highest award you can win in television. I'm very proud of it, but I can't help feel disappointment that Eric didn't win," said Harlow, who keeps the gold statuette on his desk at home. "I'm sure he feels the same way. We both took a similar route to get to the nominations."

That route was paved by the FSU media production program, where both young men spent



Andrew Harlow

most of their collegiate careers.

"I give all the credit to FSU and especially to (Media Production professors) Chuck Sawyer and Robert Levine for allowing me to pursue my interests in 3D, even though there wasn't any program for it at the time," Harlow said. "They created an individual study program just for me. They took a special interest in me and my skills."

From 1991 to 1995, Harlow created astounding 3D graphics

for Seminole Productions used on "The Bobby Bowden Show" and "Seminole Uprising."

"This was the best education I could have received. I was working in 3D with real projects and real deadlines. You were working on programs that were going on the air the next week," he said, still marveling at the opportunities he had in Tallahassee. "It was a very unique way to learn 3D. In the end, I feel it was much better for me



than if I had enrolled at a graphic arts school that specialized in 3D."

A reel of his "best FSU stuff" is what grabbed the attention of graphic arts studio moguls in Burbank, which is the place to be to make it in the business, according to Harlow.

An Air Force "brat" who lived for a while in Japan, Harlow graduated from Columbia

County High School and Lake City Community College. He enrolled at Florida State at the urging of his mother, a school-teacher and 1968 FSU alumna.

His work has been seen on many television shows and in feature films, including "X Files," "Dark Skies," "From the Earth to the Moon," "Babylon V," "Red Planet" and "Babe." Commercials also have provided him with work—some of it still seen on classic Proctor & Gamble—including Mr. Clean and Cascade ads. "I've done my share of talking cats and dogs," he said.

Harlow also was nominated for, but failed to win, an Emmy for his work on the 1999 Sci-Fi

Channel Classic "Dune." Starring actors Alec Newman, Susan Sarandon, Julie Cox and Steven Berkoff, "Children of Dune" was cited by the academy for its stunning effects—including battle scenes—and breathtaking sci-fi cinematography.

"I've always liked science fiction. This job was a dream come true," said Harlow, who was part of the nine-person, Emmy-winning team, under the direction of legendary Visual Effects Supervisor Ernest Farino.

The "Dune" television productions are adapted from author Frank Herbert's series of fantastical novels set in the 101st century. With theological and ecological themes, Herbert's work has attracted a large cult following.

As lead model maker on the "Dune" sequel, Harlow kiddingly lamented working mainly on spacecraft.

"Other guys made the worms!"

From the film 'Dune,' The Imperial City of Shaddam, left, and from 'Red Planet,' futuristic space shuttle and docking arm.



'Project Afghanistan' video will aid the rebuilding of war-torn nation

By Bayard Stern
Managing Editor

Gail Rossier has produced and directed a video intended to drum up support among nations that might be interested in helping to rebuild war-torn Afghanistan.

The alumna of the FSU School of Motion Picture, Television and Recording Arts spent 40 days in Afghanistan conducting interviews, scouting locations and shooting footage with her three-person crew from Tallahassee. Rossier was hired by the U.S. Army at the embassy in Kabul, Afghanistan, to create the 45-minute video, Project Afghanistan.



Gail Rossier with Hamid Karzai

"We wanted to show the events leading up to the war in Afghanistan, what happened over there and what is happening now," Rossier explained. "This will be seen by dignitaries from countries who we hope will support our effort over there."

The video shows events from the World Trade Center attack to the rebuilding process in Afghanistan, which is going on today.

"We spoke with Hamid Karzai, the president of Afghanistan, and he was very friendly and engaging," Rossier said. "But my most memorable moments were meeting the children over there. They were all incredible and eager just to talk to us. Their lives have been incredibly hard and most of them have known war first hand. A different kind of experience was listening and feeling bombs going off outside of our safe house."

Rossier runs a nonprofit pro-

duction facility out of Tallahassee called Rossier Productions Inc., geared mostly toward education projects. She graduated from the FSU Film School in 1994.

"My experience at FSU was wonderful," Rossier said. "I'm

still in touch with many professors and students I went to school with.

"This is a really challenging business in many ways and I really value the continued support I get."



Rossier and her crew pose with Afghani soldiers.

The Star of the greatest play since My Fair Lady turns Author

By Dave Fiore

Former Florida State and Green Bay Packer star LeRoy Butler reached the pinnacle of his sport during his long and successful football career. But not even the gleam of his world championship ring could make him lose sight of where he came from or who helped him along the way.

In his new book, "The LeRoy Butler Story: From Wheelchair to the Lambeau Leap," Butler chronicles his childhood challenges, his days at Florida State, his career in Green Bay and the people who helped make it all possible.

"I wanted to do the book because I thought it was a great story to tell to the kids," Butler said. "I want to help them do the right thing and have a dream. Where you live is not an excuse for not being successful. I want to encourage them to stay out of trouble."

Butler speaks from experience—challenges he faced as a child almost squelched any hopes he had for playing football at all.

"I grew up in the projects in Jacksonville and had physical problems as a kid," he said. "My feet were very pigeon-toed. They were almost pointing straight toward each other. So they put me in braces and then in a wheelchair while I was receiving therapy. But through all that, I never gave up my dream of being a professional football player—even as unrealistic as it seemed. My mom taught me how not to ever give up."

Another person who didn't give up on Butler was FSU head coach Bobby Bowden, even though the high school standout failed to make the necessary test scores to gain athletic eligibility as a freshman.

"Much of the book is dedicated to Bobby Bowden. Without him, I don't know where I would have ended up," Butler said. "I was a Prop 48 (a partial academic qualifier), but he still gave me a scholarship, even though the other big schools pulled back. Coach Bowden came into the projects and stayed after me. He said he trusted me and that I could trust him."

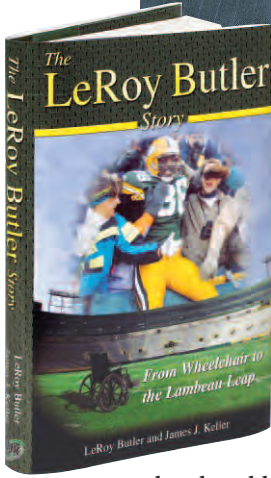
"Even though he was an icon—a legend—he remembered everybody's name and their mom's name. He told me that he saw something in me, and that I could be an example of how to do the right thing. He was like a father to me—I love him to death."

Today, book co-author and publisher Jim Keller serves as Butler's executive adviser and is a major influence in his life. It was a friendship that started when Butler was invited to speak at Keller's annual company awards banquet in Neenah, Wis.

"When LeRoy came in my office, he saw all my mounted fish on the wall, and we hit it off right away," Keller said. "LeRoy loves fishing, and I am a former charter captain."



LeRoy Butler



Keller says he serves as adviser to Butler at no charge. "I work with the man, not for the money," he said. "It is a father/son relationship. I wouldn't think of it any other way, because we have kind of adopted each other as family."

Keller says they have already sold more than 20,000 copies of the newly released book, with orders from five countries and 37 states. He says the reason for its success is because of the person Butler is.

"He's got a professional athlete's demeanor from being in the spotlight so much, but he is also a down-home good ol' boy. He has a big smile and doesn't think he is better than anyone else. He is just a nice guy. I have heard a thousand times that people like him because he sacrificed money to stay a Packer or that he signed something for someone. The seeds he planted through 12 years of being LeRoy Butler—people are rewarding him for it through (buying) the book."

Another reason for its success, at least for Seminole and Packer fans, is that Butler recounts his involvement in some of the programs' most legendary moments.

At FSU, Butler was a three-year starter, where he totaled 194 tackles and nine interceptions. His senior year, he was a consensus All-America selection at cornerback. He was a second-round pick of the Green Bay Packers, where he played 12 seasons at safety. He played more games than any defensive back in Packers history, had 38 career interceptions and 20 sacks, made five Pro Bowls and was named to the NFL 1990s All-Decade Team.

But to hardcore Seminole fans, one me-

mory of LeRoy Butler stands alone: the Puntrooskie. The historic play took place in 1988 at Clemson on a dreary Saturday afternoon in front of 82,500 hostile fans. The game was tied at 21 when the Seminoles faced a fourth down from their own 21 yard line with time running out.

"We were practicing it during the week, but it wasn't working too well," Butler said. "Coach Bowden was skeptical about using it. He said he would only try it if it could catch everybody off-guard—like a weird time of the game or if we had bad field position. 'But I still have to have the guts enough to do it,' he told me." With all the pre-requisites apparently met, Bowden called the play—a fake punt designed to get the ball to Butler—undetected.

"As we were running out on the field, Coach Bowden looked at me and said, 'Lee, let's run it. Run it.' I said, 'No, now? It's all raining and the ball's all wet.' Coach Bowden just said, 'I have confidence in you. Just get the first down.' That's all I wanted to do."

At first, the play went off as planned. "The punter jumped in the air and gave a great fake while upback Dayne Williams tucked the ball between my legs," Butler said. Then he noticed something. "I was supposed to wait two or three seconds before I took off, but one of the Clemson defenders was looking at me like something wasn't right, so I started running. After I got the first down, I said, 'This is great.' I could hear the cursing from the sidelines and the fans. I just thought to myself that I need to get as far as I can, and I was finally pushed out at the 1 yard line. It was just chaos after that. Beano Cook (former ESPN commentator) said it was the best play since 'My Fair Lady.' That's my favorite quote

of all time. Even thinking about it now, I get goose bumps."

Surprisingly, Butler's favorite FSU memory actually occurred the following week at a home game against Michigan State.

"Deion (Sanders) was hurt, so I had to return punts. The crowd started cheering 'Lee-Roy, Lee-Roy.' All 80,000 chanting my name—that was unbelievable. The next defensive play that I was on the field I intercepted a pass and scored."

Butler's flair for the dramatic did not end in college. In 1993, he did something that has become as much a part of the Packer mystique as cheese heads in the stands. He invented the "Lambeau Leap."

"It was totally spontaneous," he said. "It was 28 degrees below zero during the game, and Reggie White picks up a fumble and starts running and then pitches it to me. I caught it on the run, and as I was running toward the end zone I saw somebody in fluorescent orange because it was hunting season. I pointed to them and ran over and jumped into the stands. Today, the end zone seats are more valuable than the 50-yard line. Now, everybody does it and the fans love it."

Butler demonstrated his values by passing on bigger contract offers to stay in Green Bay—a place that was admittedly a tough cultural adjustment from his north Florida roots. Why did he stay?

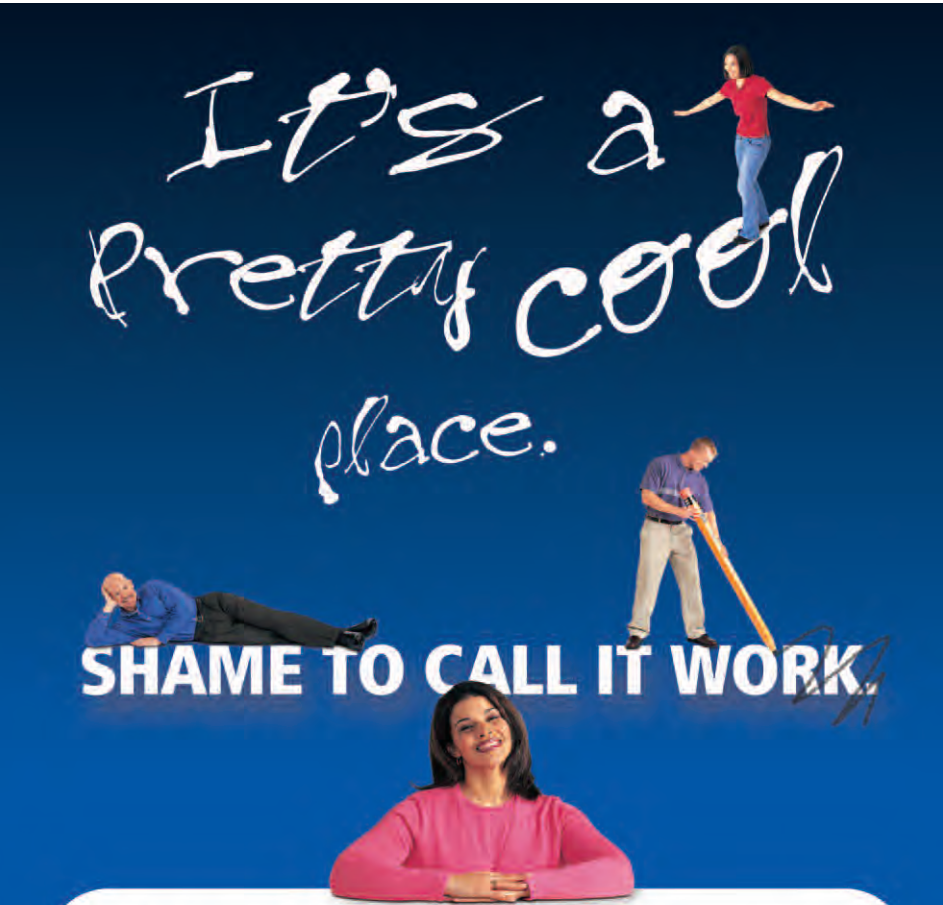
"Coach Bowden taught me to be loyal. It was never about the money," he said. "There is a perception of athletes that they are spoiled and overpaid. I wanted to play for one team, even though I could have made millions more somewhere else."

Butler now spends his time with his wife and three daughters, works on his foundation to help underprivileged kids and is promoting his book around the country.

To learn more about "The LeRoy Butler Story," or to order a copy, visit www.leroybutler36.com or call (920) 720-7749.



LeRoy Butler in game against South Carolina.



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'Unconquered' unveiled



Bayard Stern

Florida State fans and athletes alike have something new to look up to—literally. "Unconquered," the bronze sculpture by Fritz White, may well be a centerpiece for traditions to come for students and alumni at home football games. The 31-foot-tall statue was unveiled Oct. 10 during the dedication of the Williams Family Plaza, where it stands.

At sunset the night before each home game, the spear that is held by the rider will be lit. It will burn until sunrise the morning after the game.

The Williams Family Plaza and the statue are on the north end of Langford Green across from the south entrance of Doak Campbell Stadium.

By early 2004, 64 slabs of imported granite are scheduled to be installed around the statue's base with the word "Unconquered" inscribed on two sides.

While the image resembles Florida State's living symbols, Renegade and Osceola, the statue is intended to embrace and represent a much broader concept, according to Stephen Reilly, the Tallahassee attorney and FSU alumnus who spearheaded the decade-

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Sea life and shipwrecks provide research opportunities for faculty

Professor seeks to give whales right of way



By David Reaves

There are only about 300 North Atlantic right whales in existence today. "They have never recovered from commercial whaling," said Doug Nowacek, an assistant professor of oceanography at FSU. "They were the right whale to kill, which is where they got their name." With numbers this low, several groups are seeking to protect what is left of the decimated species. Collisions with shipping vessels, or ship strikes, along with fishing gear entanglement, play a major part in the species' struggle for recovery.

Nowacek, Ph.D., who came to FSU this past August, has been working in conjunction with the Woods Hole Oceanographic Institute, the University of Rhode Island and the New England Aquarium in developing an alert system for large vessels to prevent further occurrences of ship strikes. Thanks to a Congressional line item passed five years ago for right whale research, the majority of funding comes from the National Marine Fisheries Service. The FSU department of oceanography will be involved with future research and new related projects.

Out of the roughly 300 right whales, about 20 percent to 25 percent of the animals have evidence of collisions, such as healed prop scars, according to Nowacek. Dead right whales occasionally wash ashore with propeller scars and blunt trauma and, in 2002, three separate documented vessel/whale incidents resulted in animal deaths. Because right whales are coastal, calving just offshore of Georgia and Florida, they travel the same oceanic waters used for commercial shipping between the Sunshine State and the Bay of Fundi and beyond.

"They don't have any reason to fear a ship," Nowacek said. "The learning curve is pretty short." Hearing boats all the time has habituated the coastal animals to the sound, accord-

ing to Nowacek. What he and his colleagues are trying to do, however, is devise a system that will allow right whales to associate the sound of a ship with danger or irritation, thus decreasing the number of ship-related incidents. Using a small, sensor-packed suction tag capable of storing 2.1 gigabytes of memory and a synthesized auditory signal designed to be what Nowacek calls "as annoying as possible," researchers are able to record and monitor the response of whales to an alert stimulus. An oversimplified explanation would be to compare the proposed alert signal with a vehicle mounted deer-whistle,



An up close encounter: the fluke of a right whale

Well-preserved shipwrecks in the Black Sea offer glimpse into history

By Vida Volkert
Staff Writer

Last summer, anthropologist Cheryl Ward and graduate student Rachel Horlings made a journey of fantastic discovery as they joined an archaeological expedition to the Black Sea where four ancient shipwrecks had been found in 2000.

In ancient times, the Black Sea—about the size of Texas—was used as a conduit for trade and communication between Europe, Central Asia and the Mediterranean, said Ward, an anthropology professor at FSU.

Because ancient civilizations and tribes used this route for many centuries, it is presumed that hundreds of vessels rest on the bottom of this large sea, the depths of which go beyond 1,000 meters, according to Ward.

And at 320 meters underwater, where one of the vessels was discovered, explorers need more than oxygen tanks and flashlights to conduct an investigation.

Ward explained that the Black Sea has two layers, an oxygenated upper layer, about 200 meters deep, and a "dead" lower layer, where there is no oxygen and most organisms cannot survive.



The good thing about this dead layer, she said, is that the organisms that eat wood are among those that cannot survive in such harsh conditions. That's why the vessel found at this depth is still intact, while the other three, at about 100 meters, have been mostly eaten away.

As opposed to Ward's first expedition to these sites in 2000 when the ships were not investigated due to a lack of technological resources and equipment, she and her team, led by Robert Ballard—the archaeologist

who discovered the Titanic in 1985—were much better prepared to overcome the obstacles that the Black Sea presented. With the support of organizations such as the National Geographic Society and NOAA, the team was able to finance the construction of Hercules, an SUV-sized robot with advanced visual and acoustic sensors and high definition television systems. "Hercules was specifically built for this project," Horlings said.

This fish is tiny, but its potential for humans is huge

By Sibley Fleming

The discovery of a genetic "switch" that allows embryonic cells in zebra fish to develop into a retina could help researchers treat blindness and cure aggressive cancers in the future.

"The mutation was isolated in the 1996-97 academic year. This research was part of an ongoing effort to identify genes essential to the development and function of the visual system, initiated in Professor John Dowling's lab at Harvard University," said James Fadool, a professor of biological science at FSU.

The research was recently published in the Proceedings of the National Academy of Sciences and was conducted by Fadool, who discovered the original mutation, along with a team of researchers from Harvard University, the University of Louisville and the Medical College of Wisconsin.

Finding the gene is important because it likely plays an identical role in the eyes of fish and humans.

The gene functions to open up specific regions of a genome—the blueprint for an organism in its DNA sequence—so that the instructions can be read. In mutant fish lacking the gene, the retina, which is the photosensitive lining at the back of the eye, failed to develop.

"Although these genes were previously known in most organisms from yeast to humans, what was striking was discover-



ing that the mutated gene is a global regulator of gene expression," Fadool said. "The discovery of a specific switch needed for cells to mature during development is novel and unexpected."

Because the retinas of fish lacking the gene remained in an undifferentiated, or

embryonic state, the gene was named while it was young. Interestingly, most of the other organs of the fish, including the brain, continued to develop normally.

Retinitis pigmentosa and macular degeneration, both blinding disorders, may be treated in the future by the therapeutic

use of neural stem cells—cells which have the potential to differentiate into many different types of neurons. Understanding how the young gene drives the development of retinal neurons could allow researchers to control the growth of neural stem cells so that they become the needed cells lost in retinal malfunction.

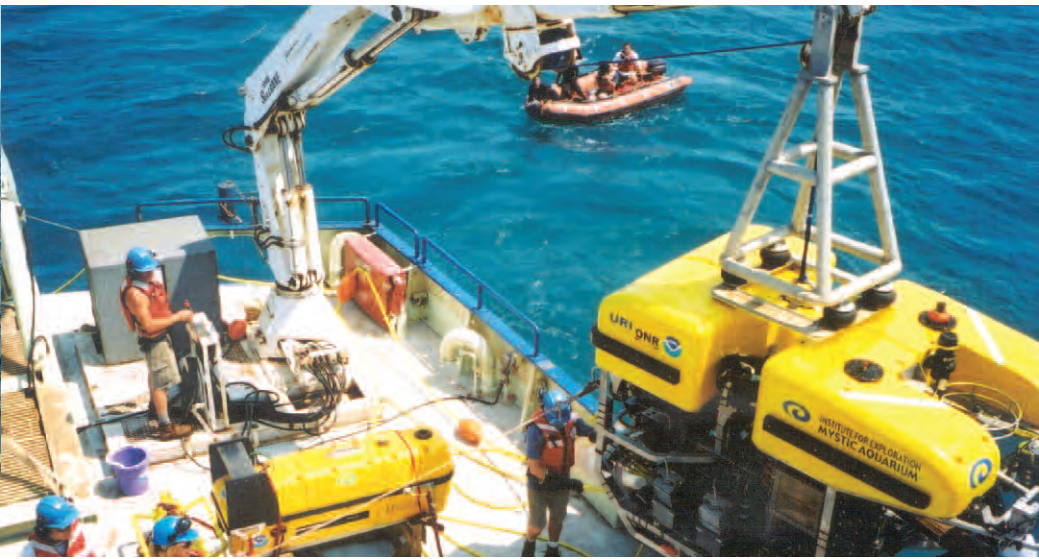
The gene also may play a role in the development of tumors. "Cancer can be viewed as a disease of the genome resulting from alterations in the DNA leading to altered growth and signaling," Fadool said. "Changes in this gene have been associated with numerous cancers, but its role in the progression of the disease was not known."

Uncovering the normal role of a gene could lead to the creation of new anticancer drugs that target its functions in a tumor.

The tiny zebra fish was used as a model organism for these studies because it is completely transparent during the early stages of development, which facilitates screening for defects in the eye. Because zebra fish are vertebrates that share many biological processes with mammals, any discoveries made have a direct correlation to studies of human development and disease.

In order to isolate specific gene functions, Fadool and his team screened animals with genetic defects that could alter specific developmental processes.

The next step for researchers, according to Fadool, will be to identify other members of a large protein complex to which the gene belongs to see how the genes change DNA structure and gene expression. That research will likely lead to the identification of other genes necessary for embryonic cells to mature into neurons.



Crew members prepare Hercules for descent into the Black Sea.

And while the team worked from the ship, Hercules was dispatched underwater to excavate and film the sites.

"We got beautiful, clear images," Horlings said. "Sometime it made you feel like you could almost reach out and feel what was going on down there."

Ward supervised the operations and Horlings, who is pursuing a masters in

anthropology with a focus on maritime archaeology at FSU, assisted her. Three weeks went by with little sleep and lots of work collecting data and footage.

One of the team's most important concerns was to excavate the sites without destroying the findings, Horlings said.

Most of the artifacts recovered were shipping jars, which may have carried

History is more than just the past—it's the future

On September 2, I had the honor of addressing members of FSU's freshman class on the history of our university. In preparing for the class, I was struck by just how newly arrived these students



Keeping Score
By Charlie Barnes
Executive Director
Seminole Boosters

are. It's likely their parents had not yet met when Bobby Bowden arrived at FSU in 1976. They were born in 1985, the year the War Chant was first heard in full thunder. They were in the ninth grade in the fall of 1999, the last time a Seminole football team finished among the nation's top four. I wanted to give them a sense of why history is important, and why they should be proud of our university, of its story and of the noble purpose it serves. These students are very young and without benefit of the long view you and I enjoy. Here is some of what I told them. When I was a little boy, I had a large picture book filled with photographs of World War II. Published by Life Magazine, it was wonderful to behold. There were soldiers and airplanes and

ships and shooting and adventure and smoke, the whole story of the desperate drama of that war. I knew that my father had been a soldier in the South Pacific, fighting the Japanese. I never saw him in uniform. He owned an automobile dealership, and so even though I had that book with all those pictures, there wasn't a connection between the photos and a reality that I could grasp. It didn't affect my day-to-day world. The fact is that the war was finished before I was born. Oh, I was glad that America had defeated the fascist empires of Germany and Japan, but I considered that story to be over and done. The world was safe and those terrible things could never happen again. They certainly weren't going to happen to me. Later, when I was a young man, America was locked in a life and death struggle with communism. There were lots of wars against them. We fought them in Korea, then in Vietnam. There were proxy wars in Africa and Central America. It was all over in 1989 with the fall of the Berlin Wall and the dissolution of the Soviet Empire. Where were you, I asked the freshmen, in 1989? They told me they were in preschool, having not yet begun the first grade. Our FSU freshmen are aware of what

happened in 1989, of course. They've studied the history and read the stories. But it was finished by 1989. Now, the world is safe from communism and all of those terrible things can never happen again. Certainly, our freshmen feel, they aren't going to happen to them. Within a few days, I told them, the nation would mark the second anniversary of the single defining drama of their generation. In 2001, America was attacked by a dark and virulent culture, animated by an obsession to incinerate every advancement civilization has achieved in the last thousand years. These days, Germany, Japan and the Russians are our allies, at least after a fashion, as this latest episode of history absorbs us all into its context. We must pursue this grave threat just as we pursued other great threats and finish it if we are to survive. However, we know the truth is that history is never finished. Human nature is fairly constant. It is the same today as it endured for the past 10,000 years or so for which we have some record. The constancy of human nature means that our basic inclinations are and have remained the same over time. History is a map of human nature, a guide to the entire landscape of human experience. Reading history will tell you what happened. Understanding history will tell you why it happened. The purpose of our university, and the

purpose of every good university, is to advance the course of civilization. Its mission is to uplift humanity. That is a noble purpose and one desperately needed. Our natures as human beings compel us in different directions at the same time. They are conflicting impulses. An unending conflict between the brighter and darker angels of our natures is as accurate a metaphor as any. Every one of the terribly destructive social movements of the 20th century, including fascism and communism, failed in the end because they refused to recognize the fundamental truths about human beings and human nature. Never think that the most terrible things that have happened in the past cannot happen again. They can happen again. They do happen. The dark angels are powerful. The purpose of our university is to push civilization toward the light, and away from the darkness. Over the next four years, while you're studying accounting and chemistry, and biology and engineering, make time also to take classes in art, literature and the humanities. Shakespeare tells you everything you need to know about human nature. Physics and finance won't. If you understand history, you can exercise some control over your world. If you understand history, you'll better understand why people do what they do.

Eminent Scholars Boost Faculty Excellence



Because the quest for excellence never ends, FSU CONNECT, the Campaign for Florida State University, is committed to raising the private support necessary to fund 37 new Eminent Scholar Chairs. FSU uses Eminent Scholar Chairs to help recruit outstanding scholars and researchers to its faculty. Fully funding an Eminent Scholar Chair requires \$1 million in private support and the state match of \$1 million for which it qualifies. This very successful combination has already drawn some of the world's foremost intellectuals to FSU. Among them you'll find a Nobel laureate in theoretical physics, pioneers in the field of computational science and one of the finest lyrical tenors in the world. You'll also see record-setting astronauts and a visionary former governor. Here's a glimpse of three of these scholars, their work and the donors who made it all possible. **Alec G. Hargreaves, Ph.D.**, Ada Belle Winthrop-King Eminent Scholar in French and Director of the Winthrop-King Institute for Contemporary French and Francophone Studies, is internationally recognized as a



Alec G. Hargreaves, Ph.D.

specialist on the political, cultural and media aspects of post-colonial minorities in France. In 2003, the French government made him a Chevalier dans l'Ordre des Palmes Académiques, an order of merit created by Napoleon Bonaparte in 1808 to recognize outstanding researchers and educators. "I am delighted to have the privilege of leading this exciting endeavor. It is especially stimulating to see FSU taking the research and teaching agenda forward in inter-disciplinary directions. Faculty and students here are addressing a wide range of social and political issues. And as our horizons embrace not only France but also other parts of the world where French is spoken, we are very much alive to the global context of contemporary developments." **Jill B. Quadagno, Ph.D.**, Mildred and Claude Pepper Eminent Scholar and Professor of Sociology and Social Gerontology. An internationally recognized expert on aging and public policy, Quadagno has advised policy makers at all levels regarding the social and political issues related to the nation's aging population. The National Science Foundation, the National Institute on Aging, the Guggenheim Foundation and the American Council of Learned Societies, fund her vital research. In 1994, she served as senior policy advisor to Pres. Bill Clinton's Bipartisan Commission on Entitlement and Tax Reform.



Jill B. Quadagno, Ph.D.

"My research is focused on applying the data we compile on Florida's and the nation's aging population to make people's lives better. To identify the gaps through which we all can fall as we age. Gaps in access to health care, housing and declining retirement benefits – especially access and cost issues surrounding prescription drugs. My eminent scholar chair provides me with the resources to conduct my research." **Frederick M. Abbott, J.D., LL.M.**, Edward Ball Eminent Scholar in International Law and Director of the American Society of International Law Research Project on Human Rights and International Trade. With every expansion of the digital age, intellectual property becomes more and more important, yet harder and harder to protect, especially since cyberspace all but ignores international borders. As one of the most respected legal scholars on the connection between international law and intellectual property, Abbott brings real world experience and prestige into the classroom with him. "As the holder of the Edward Ball Chair, I am free to concentrate my research on the role of technology, expression and intellectual property in the international legal framework. As director of the international law research project, we intend to shed light on the relationship between the rules and institutions directed to the promotion and protection of human rights, and the rules and institutions – such as the World Trade Organization – that promote trade and economic growth." ♦



Frederick M. Abbott, J.D., LL.M.

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REGIONS	MAJOR REGIONAL CITIES	REGIONAL FOCUS DATES	TOTAL RAISED TO DATE
Northeast Florida & Georgia	Atlanta, Jacksonville	May - November 2003	\$33,271,596
Central Florida	Orlando, Daytona Beach	May - November 2003	\$5,119,929
South Florida	West Palm Beach, Ft. Lauderdale, Miami	September 2003 - March 2004	\$15,547,012
West Coast Florida	Tampa, St. Petersburg, Sarasota	December 2003 - May 2004	\$22,397,395
Florida Panhandle	Tallahassee, Pensacola	January - June 2004	\$90,090,061

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Lloyd M. Beidler



Lloyd M. Beidler

Lloyd M. Beidler, 81, a retired FSU biologist and Robert O. Lawton professor, died in August.

At FSU, Beidler became known as an innovative research scientist and inspirational teacher to many students — undergraduate to post doctorate — and colleagues.

Beidler co-founded, with Dan Kenshalo, the psychobiology program at FSU in 1965 and was named FSU’s Robert O. Lawton Distinguished Professor in 1971. He was elected to the National Academy of Sciences in 1974 and American Academy of Arts and Sciences in 1975. He was a member of the Advisory Council of the National Institute of Deafness and Other Communication Disorders, along with many other honors.

Lloyd Beidler was born in 1922. He attended Muhlenberg College, a Lutheran school in Allentown, where he graduated with a bachelor’s of science degree in physics in 1943. He went to graduate school at Johns Hopkins University where he obtained his doctorate in molecular biophysics. He then joined the faculty at FSU and remained there until his retirement.

Norma E. Brown



Norma Elaine Brown

Maj. Gen. Norma Elaine Brown, 77, an FSU graduate, athlete and military history maker, died in July.

Norma Brown received her bachelor’s degree in 1949 and went on to

become the first female U.S. Air Force brigadier general, commanding thousands of soldiers during a 30-year career.

Brown entered the then-Florida State College for Women in 1945 and played basketball, softball, soccer and volleyball. By the time she graduated in 1949 majoring in education, the school had become a university.

After FSU, Brown became a physical education teacher, but quit to join the Air Force in 1951. She remained in the service and rose through the ranks to become the first female wing commander in 1974, then its first woman general. She retired in 1982 after 32 years of service.

She spoke at FSU in 2001 and said, “I learned so much in life from playing sports. Part of that is, don’t do something you don’t like. I don’t know a single successful person who doesn’t like what they do, so be happy, and do it right.”

Gerald Jahoda



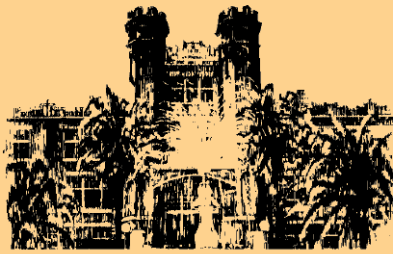
Gerald Jahoda

Gerald Jahoda, 77, a professor emeritus of Information Studies, died in September.

Jahoda joined the FSU faculty in 1963 after receiving a doctorate in library science from Columbia University in New York City.

He was known by his colleagues and students as a skilled and dedicated teacher. He guided master’s and doctoral students, including them in his research of methods to improve access to scientific information.

Jahoda dealt with a progressive failure of his vision by incorporating assistive technology into his own work environment and by becoming an advocate for blind and physically handicapped students and library patrons. He applied his research skill to developing new techniques for audible indexing, while continuing his work in improving information access to sighted scholars and students. He was a prolific author and active consultant.



In Memoriam

1920-1929

Sarah Benedict (B.A. ‘26)

1930-1939

Alma “Pheenix” Anthony Shaw (B.S. ‘33), Florence Maurer Clements (B.A. ‘33), Miriam Jacobs Nussbaum Gollings (L.I. ‘34), Evelyn Stump Griffin (B.A. ‘36), Doris Isted Sadler (B.S. ‘36), Grace Evelyn Lewis Ward (B.A. ‘38)

1940-1949

Jane Fischer Bonial (B.S. ‘40), Frances F. Jones (B.A. ‘41), Lucy Beth Holding Minchin (B.S. ‘41), Alma Anderson DeLoach Ross (B.M. ‘42), Alma Beville McCollum (B.A. ‘43), Mary Evelyn Cottingham (B.A. ‘48, M.A. ‘53), Mary Curry O’Quinn (B.A. ‘49)

1950-1959

Grace Stockman Marcellus (B.M. ‘51), James Harold Aase (B.S. ‘53), MaryAnn Ziegler Aide (B.S. ‘54), Ann Furgione Smith (B.S. ‘55), Jackson Autry Holmes (B.S. ‘56), Franklin Ryan Edwards (B.M. ‘57), Josephine Frazier Davidson (M.A. ‘58), Mary Young Taylor (B.S. ‘59)

1960-1969

Patrick Knox Donnelly (B.S. ‘60), Thomas A. Taylor (B.S. ‘62), Frances “Ann” MacKinnon (B.S. ‘63), Dana Lenahan Vaill (B.S. ‘64), Marilyn Oglesby Tipton (B.S. ‘66), Richard K. Wygle (B.S. ‘67, M.S. ‘68)

1970-1979

Doris Von Glahn Hey (B.A. ‘71), Kenneth L. Hutchinson (B.S. ‘71), James R. Krikorian (B.A. ‘71, M.S. ‘76), Lenarad LeRoy “Butch” Stickelstad (B.S. ‘73), Jimmie Ray Carter (B.S. ‘74), Arthur William Lemon (B.S. ‘75, M.P.A. ‘76), Dr. Thomas A. McCook (B.S. ‘75), William R. Walker (‘79), James Reich Wilmoth (‘79)

1980-1989

Nickie N. Beasley (Ph.D. ‘80), Andrea Jan Arnold (‘84), Miles Andrew Dagleish (Ph.D. ‘84), Nancy Wilson Spooner (B.S. ‘87)

1990-1999

Stewart V. Baker (M.M.E. ‘90)

2000-2002

Tami Lynne Kirkman Vincent (B.S. ‘02)

STUDENTS

Jillian Allsup, Craig Armstrong, Sevag Davidian

FACULTY AND STAFF

Shawn A. Dickey, Kenneth Jones Sr.

Ivan E. Johnson

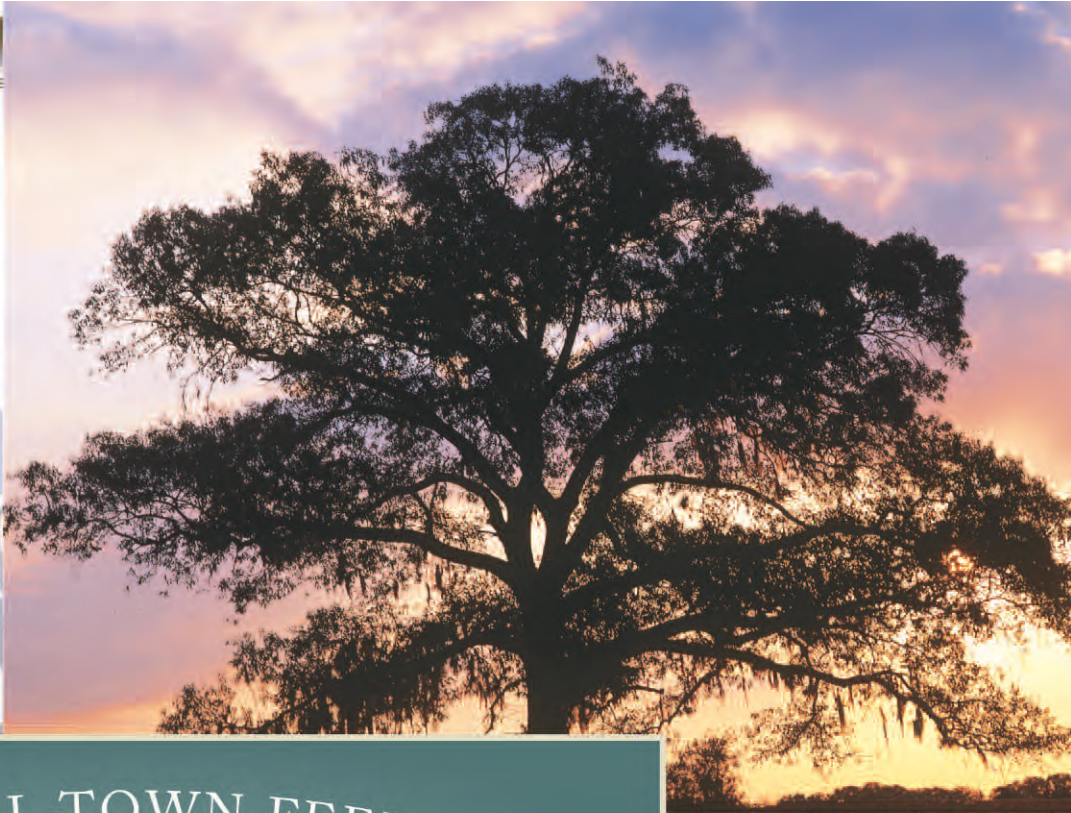
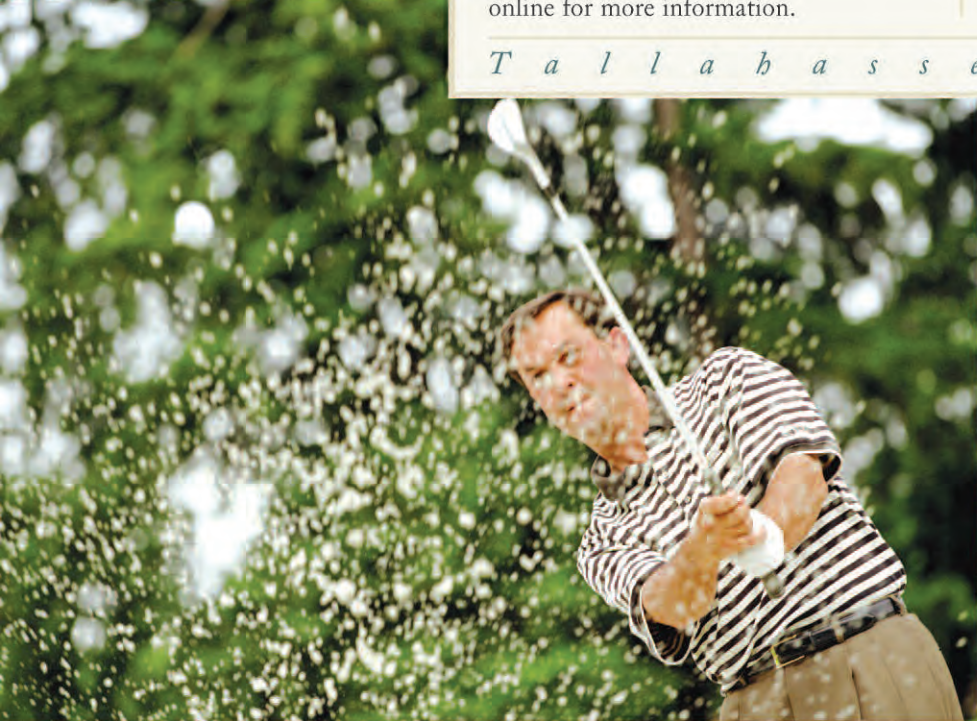


Ivan E. Johnson

Ivan E. Johnson Jr., 91, died in August. Johnson was a professor emeritus of art education and constructive design at FSU. He was a professor and chairman of the department of art education during his tenure.

A native of Denton, Texas, Johnson received his master of arts and a doctorate from the Institute of Art at New York University.

Johnson designed the mace that is used to lead the processions and recessions of such official ceremonies as commencement, and he designed the Werkmeister Humanities Reading Room stained glass window in Dodd Hall. He was co-director of the university’s Oxford University Program.



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Gifts may qualify for Westcott Society

Florida State University created the James D. Westcott Legacy Society in honor and memory of James D. Westcott, whose 1887 bequest funded the institution's first major endowment. Today—more than a century later—the Westcott Endowment lives on to benefit FSU students.

Westcott was an alumnus of the Seminary West of the Suwannee River, FSU's institutional predecessor. He was a member of the Florida House of Representatives and then became the state Attorney General. Westcott also served on the state Supreme Court from 1868

through 1885.

The university offers recognition within the Westcott Legacy Society to all alumni and friends who designate contributions to FSU in their estate plans. These gift provision include, but are not limited to:

- will or living trust;
- designation of retirement plan assets;
- charitable lead trust;
- charitable remainder trust;
- charitable gift annuity;
- pooled income fund;
- life insurance and
- personal residence or farm with retained life estate.

The Westcott Legacy Society is a tribute to Westcott—a visionary—and to all generations of FSU benefactors who embrace his forward thinking and who share his high ideals.

If you have made a gift that qualifies for recognition within the Westcott Legacy Society or if you wish to receive complimentary estate and gift planning materials, either fill out and return the form below or contact us by telephone or e-mail. Prospective donors should not make final gift decisions without first consulting their personal legal and financial advisers.

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- ☐ Please send complimentary literature about FSU's endowment program, together with gift and estate planning brochures.
- ☐ Please contact me about a personal visit or other assistance.
- ☐ I have provided for FSU in my gift and/or estate plans.
- ☐ Please send information about the James D. Westcott Legacy Society of FSU's Presidents Club.

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Florida State University Foundation Inc.
225 University Center, Building C, Suite 3100
Tallahassee, FL 32306-2660

'Q&A' will lobby for adequate funding

(Continued from page 1)

Studies show that every taxpayer dollar invested in higher education yields a return of \$9.72 to Florida's economy. Florida Trend business magazine reported that a highly trained work force is the single most important high-tech commodity required for the state's economy.

"Florida's universities are where technology and economic development begin," Wetherell said. Florida has a lower than average unemployment rate and also leads the nation in job creation.

But, at 42nd in the nation, Florida lags behind in the number of baccalaureate degrees earned by students. Two independent groups, the Florida Chamber of Commerce and the Florida Board of Education, have concluded that Florida

must substantially increase the production of baccalaureate degrees.

"The state university system is not only Florida's best educational value, but it is also a most critical element in the state's economic development, technology base and total quality of life," Hitt said. "Everything the universities do is based on providing the citizens of this state access to the highest quality education. We must have adequate state funding to support this mission."

The Florida Legislature will hold a special session on Oct. 20-24 related to economic development issues.

The Q&A campaign will involve a Web site, www.qualityandaccess.org, public service announcements and visits to editorial boards.

Grad sells catch of the day 'round the world

By Jeffery Seay
Editor in Chief

Skip Winfree has made a career out of sending some of the tastiest parts of Alaska to locations around the world.

From Alaskan red salmon and halibut, to king crab and other delicacies from the North Pacific, the FSU graduate (B.S. '71) ships fresh and frozen seafood to a broad consumer base throughout the United States. His clients range from Hollywood and the Master's Golf Tournament to the White House and numerous national grocery chains, including Publix Supermarkets throughout Florida.

The FSU graduate traded a career with Xerox to start his own business in 1979 when he bought 10th & M Seafoods in downtown Anchorage. In the years since, Winfree has grown the mom-and-pop operation into an international seafood wholesale and mail order export company with two retail locations, a processing plant and a shipping center.

"We have a large customer base throughout the lower 48 states who request Fed Ex overnight shipments of fresh and frozen seafood. Alaskan seafood is very unique and works well for special parties, dinners or gifts. It really gets crazy during holidays like Christmas, New Years, Fourth of July and Labor Day," Winfree said.

As an FSU senior in 1968, Winfree was called to duty with the U.S. Army during the Vietnam War. As a member of the FSU ROTC program, he began his tour of duty



Skip Winfree

in Alaska as a second lieutenant serving as an intelligence officer on general staff. Afterward, he returned to FSU to complete his degree in management.

"The College of Business gave me a great basis for starting out in the business world," Winfree said. "It helped me in obtaining my job with Xerox."

However, after 10 years as a marketing manager for the company, Winfree, who said he was tired of the requisite three-piece suits, decided that starting his own business was the thing to do. Winfree is looking forward to turning over the business to his son Rob, giving him more time to enjoy Seminole football and the home he keeps in Daytona Beach with his wife Lee.

Winfree attended FSU as a classmate of President T.K. Wetherell.



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Chances are you've got a strong connection to Florida State University – a connection built on fond memories and sustained by your interaction with other alumni, faculty and friends of the university.

It's this sense of connection that is fueling the university's largest ever fundraising effort, FSU CONNECT. With the ultimate goal of raising \$600 million, the campaign recently passed the \$420 million mark. The donations, more than 77,000 so far, will help FSU realize its goal of funding:

- 876 undergraduate scholarships;
- 278 graduate fellowships;
- 150 professorships;
- 37 endowed chairs;
- 46 programs, and
- \$121 million for construction (beyond what the state funds).

Distinguished Classics Professor and archaeologist Nancy de Grummond connecting our world's past with its future.

Alumni Connections

Florida State College for Women allowed me to experience other ideas and other cultures and expand my ability to make judgments in a mature world.

Katherine 'Kitty' B. Hoffman, Professor Emerita, Chemistry, B.S. Arts and Sciences '36, FSCW

Enter the doors of FSU thirsting for knowledge and understanding, and never forget that someone helped you get here. Don't let the opportunity to provide community service pass you by.

Connie E. Jenkins, MSW '85, BS, Sociology '84, BS, Social Work '83

Help us fund FSU's future. Make your gift today.

Use the inserted envelope, call us at (850) 644-6000, or visit: www.fsuconnect.com

FSU graduates represent varied and diverse careers

(Continued from page 1)
foster families, with whom he remains close. He was reunited with his family in Orlando in 1966.

Martinez, who majored in Social Sciences at FSU, earned his bachelor’s degree in 1969 and, afterward, his juris doctor degree from the College of Law in 1973. During his 25 years of law practice in Orlando, he was actively involved in community activities. He served as vice president of the Board of Catholic Charities of the Orlando Diocese, and is known to have a deep appreciation for the work of faith-based social service agencies going back to his arrival in America almost 40 years ago.

Martinez’s work in the public and private sectors, his active involvement in community activities and his understanding of the work of faith-based social service agencies make him well suited to lead HUD.

To help implement President Bush’s faith-based initiatives, Martinez launched HUD’s Center for Faith-Based and Community Services. The center is working to expand partnerships with local faith-based service providers who assist the homeless, elderly and disabled, and those living with HIV/AIDS.

■ Even though Diane Roberts splits her time between Tuscaloosa, Ala., and London, England, she is known to say she lives in Tallahassee, because “that’s where the football is.”

The eighth generation Floridian, born

and raised in Tallahassee, began her education on the campus of FSU at the age of 5. Roberts attended the university’s developmental research school, commonly known as Florida High. Afterward, she enrolled at FSU to study English, earning a bachelor’s degree in 1979 with the distinction magna cum laude. She then earned a master’s degree in creative writing in 1980. That same year, Roberts won a Marshall Scholarship. She enrolled at Oxford University, where she earned her second bachelor’s degree in English and, in 1989, a doctorate in literature.

Now a professor of English at the University of Alabama, Roberts writes political columns for the St. Petersburg Times, The New York Times and The Times of London. She honed her craft while in college writing columns about Florida politics for United Press International and the Florida Flambeau.

She is the author of two books, “Faulkner and Southern Womanhood” and “The Myth of Aunt Jemima,” and is a contributor to various magazines, including The Oxford American and the New Republic. Her new book, “Dream State,” a history of Florida through her family (Robertses, Tuckers, Browards, Gilberts and Bradfords) will be out from Simon & Schuster in October 2004.

Beyond the printed page, Roberts contributes commentaries to National Public Radio and, during her annual stays in London, produces documentaries for the British Broadcasting Corp.

She has won the Gustavus Meyer Center for the Study of Human Rights Award, two Associated Press awards for radio and two Society of Newspaper Editors prizes for editorial writing and sports commentary.

■ Perhaps the most defining moment in Jim Towey’s life was when he met Mother

Teresa of Calcutta in 1985 at the home for the dying that she created. The profundity of that meeting led to Towey serving as Mother Teresa’s legal counsel for the next 12 years. In 1990, Towey lived as a full-time volunteer in her home for people with AIDS in Washington, D.C., and, on occasion, he had the privilege to travel with her in the United States and Mexico.

Such rare experiences as these have given Towey a unique perspective to lead the White House Office of Faith-Based and Community Initiatives.

Towey graduated magna cum laude from FSU with a bachelor’s degree in accounting in 1978. He earned his juris doctor degree from the College of Law in 1981. He has been a member of The Florida Bar since

1982.

At FSU, Towey was a member of Gold Key, Gamet Key, the Phi Kappa Phi academic society and Sigma Phi Epsilon fraternity. He also lettered, having served as the manager of the men’s varsity basketball team, 1974 to 1978. He was listed in “Who’s Who Among American Colleges and Universities” in 1978 and he received the St. Thomas More Award in 1980.

Since then, Towey has served as legislative director and legal counsel to Republican U.S. Sen. Mark Hatfield and in the cabinet of Democratic Florida Gov. Lawton Chiles.

For his career in public service, Towey has been honored with numerous awards and honors, including honorary doctorates from St. Thomas University and Barry College, both in Miami, Fla.

Towey left the public sector in 1995 to found and run Aging with Dignity. The national, nonprofit organization helps families plan for and discuss the care they want during times of serious illness.

Its “Five Wishes” document is the nation’s most popular tool for advance care planning and is used in nearly two million American homes.

He was a member of the official U.S. delegation that accompanied then-first lady Hillary Rodham Clinton to Mother Teresa’s state funeral in 1997.

Towey also testified at the Vatican in the process that might lead to the canonization of Mother Teresa.



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