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ST. MARY'S



SUMMER 2003

Gold & Blue

**Visit to Cuba
Opens Eyes and Minds**

**Life's Lessons
in the Bottom of a Test Tube**

**A Clearer Picture
About Bioengineered
Hip Stems**

**Full Knowledge Necessary
in War on Terror**

Cornyn Relishes Challenges

A Former President's Legacy

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Charles L. Cotrell, Ph.D.
(B.A. '62, M.A. '64)

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Gold & Blue is produced for alumni
and friends three times a year by the
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PERSONAL ATTENTION
POWERFUL PROGRAMS

ST. MARY'S UNIVERSITY



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San Antonio, Texas 78228-8575
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On the Covers

On the front cover, Belinda Flores (foreground) explores cell development as part of an undergraduate research project directed by Associate Professor Timothy Raabe, Ph.D., who supervises another student researcher, Esmeralda Lugo, in the biology lab. On the back cover, graduates of the Class of 2003 support one another during Baccalaureate Mass.

From the Editor

As stated in Vision 2006: A 21st Century Education at St. Mary's University, "Academic reputation remains the chief reason students choose to enroll at St. Mary's. This reputation derives from a holistic approach to education that connects a broad liberal arts perspective with professional instruction. The strategic plan calls for building a culture of student success and for development of curricula and programs that prepare St. Mary's students for leadership in a knowledge-based society."

Innovation in education is a strategic initiative that thrives at St. Mary's. Witness the experiences to which our students are exposed: undergraduates are conducting cutting-edge research and using critically emerging technology as seen in the fascinating hip stem replacement research being directed by Albert Sun, Ph.D.; other young student researchers, guided by Timothy Raabe, Ph.D., are in the laboratory exploring ways to control or even conquer diabetes; and still others carry out coursework for their international business class by using Cuba as their laboratory.

Students with these kinds of experiential learning opportunities are participating in activities that lead to the accumulation of knowledge and development of new skills. Too, their participation adds to the body of knowledge from which others can benefit.

Continuing to develop innovative "hands-on" programs and experiences for our students will help ensure that, indeed, they are being well prepared for the modern global workplace.

On the heels of the recent war in Iraq, Middle East politics expert Leona Pallansch, Ph.D., helps us understand what motivates terrorists in a part of the world that continues to face turmoil.

Meet law school alum John Cornyn, the first U.S. senator from San Antonio, ready to make his mark on Washington! And, with sadness we say goodbye to the Rev. James A. Young, S.M., St. Mary's eighth president who left us in December and whose legacy lives on.

In April, more than 7,000 alumni, students and friends participated in this year's Homecoming programs. You'll enjoy a glimpse of them in our photo spread on page 17.

Summer for many is a time to rest and spend extra time with family and friends. From sizzling San Antonio to wherever you may be, sit back, relax, and enjoy the people who mean the most to you.

—Candace Kuebker

The Spirit of St. Mary's

Brother Andy and Financial Aid

by Charles L. Cotrell, Ph.D., President

Many St. Mary's students of the 1950s, '60s and '70s were encouraged to stay in school by faculty members such as Brother Andy Cremer, S.M., and Bill Crane, Ph.D. When a student had exhausted his institutional and personal financial resources, Brother Andy, "Doc" Crane and others would find funds to keep the student in school.

While those are bygone days, that spirit of generosity continues at St. Mary's. Student financial aid, especially scholarship aid, is vital to student access and success today. However, the landscape of student financial aid in Texas and the nation is changing rapidly. Private donor support of scholarship aid is nothing less than the lifeline of quality education for private colleges and universities.

More than 80 percent of the undergraduates attending St. Mary's receive some form of financial aid, not an unusual statistic for private universities. The sources of aid include federal and state governments, scholarship aid from the University's endowment and the institution's own investment in aid. At St. Mary's, almost 24 percent of the operational budget is devoted to student aid.

Scholarship assistance for our students from private sources is key to their success. For example: hundreds of students receive scholarship aid from the Marianist Trust, a fund established many years ago by the brothers and priests who donated their salaries to a trust dedicated to scholarships; the Alumni Association's \$6 million scholarship endowment, built from the proceeds of the annual Fiesta Oyster Bake, helps some 80 students each year; and more recently, the San Antonio Livestock Exposition Inc. has provided 10 St. Mary's students with \$100,000 in scholarship support, each receiving a \$10,000 scholarship over a period of four years.



The law school also has received recently large foundation gifts, including \$360,000 over the past couple of years from the Elizabeth Huth Coates Charitable Trust of 1992, which provides \$30,000 a year to a student from Hidalgo County.

Individual alumni contribute to scholarship support in significant ways as well: the late Robert Rosow (B.S.C. '45), established the \$1 million Robert and Freida Rosow Scholarship Fund to support students studying business. Many other loyal alumni have established scholarship endowments as well. Scholarship aid from endowed funds accounts for 11 percent—almost \$1 million—of all student aid for St. Mary's undergraduates.

Federal and state aid also is crucial to student access and success. St. Mary's students who are Texas residents receive more than \$5 million annually in Tuition Equalization Grant (TEG) funds; 2,109 of our students received an average TEG of \$2,381 during the 2002-2003 academic year. This program, established by the Legislature in 1971, is designed to provide choice among private universities for Texas students, and to encourage private colleges and universities to aid in "Closing the Gaps" in Texas higher education for a rapidly expanding student population. The TEG program is especially important in this regard for the St. Mary's students and for all students enrolled in Texas private colleges and universities. In addition, 607 St. Mary's students receive an average award of \$2,797 from the TEXAS

(Toward Excellence, Access and Success) Grant program.

With the expected \$10 billion Texas budget shortfall, the Legislature is proposing a minimum 12.5 percent reduction in the TEG program. If adopted, St. Mary's student aid through the TEG program alone will be reduced by at least \$600,000 annually.

In January 2003, two dozen St. Mary's students, faculty members and administrators drove to Austin to inform legislators of the adverse effect of cuts in the TEG and TEXAS Grant programs, and we informed them of the savings to taxpayers that the TEG program provides. (Texas' 40 independent private institutions invest substantially in faculty, buildings and endowment. Therefore, taxpayers are saved the amount it would cost to educate those students currently enrolled in private institutions if they were to attend Texas public institutions. Almost 68 percent of the public cost per student is saved by enrollment in private colleges and universities.)

Following the long-standing tradition of leadership and civic engagement, this Spring St. Mary's University student leaders conducted a "send-a-postcard" campaign in support of federal and state student financial aid. More than 3,000 postcards and 700 letters were sent to legislators. As Student Government Association President Michael Kolenc (B.A. '03) was quoted in the San Antonio press, "One of the most basic barriers to getting into college is money and current proposals threaten to leave thousands of students behind."

My message should by now be clear: Financial aid, especially scholarship aid, is the lifeline for student access and success at St. Mary's University. Our effectiveness in recruiting and graduating students who reflect the educational excellence and values of the St. Mary's tradition depends on scholarship assistance. Teachers Brother Andy and "Doc" Crane knew 50 years ago what is true today. Continued scholarship support of our students from alumni and friends of St. Mary's is much needed—and greatly appreciated. ■

NEWS

FROM AROUND THE GROVE



■ Short Subjects

Cotrell Reappointed to Presidency

Charles L. Cotrell, Ph.D., has been reappointed to a second three-year term as president of St. Mary's, it was announced April 17.

Since taking the helm in 2000, Cotrell has implemented initiatives designed to strengthen St. Mary's programs and services to meet the educational challenges of a growing urban population.

Cotrell's top priorities include: recruitment and retention of top students; strengthening the school's Catholic and Marianist tradition; advancing the academic mission, especially in information technologies and new academic programs; maintaining a diverse student body, faculty and administration; and increasing the general endowment for essential needs.

Bioterrorism Symposium Sets Up Dialogue

"Bioterrorism and the Law: Preserving the Rule of Law in Times of Crisis," a seminar which addressed issues facing the world, was held in Bill Greehey Arena in April.

Offered in conjunction with the Development Center for Operational Medicine at Brooks Air Force Base; the Texas Center for Medical Strategy, Training and Readiness; the University of Texas Health Science Center at San Antonio, and others, the seminar tackled key topics, including the balance between civil liberties and public safety; quarantine and compulsory medical screening and treatment; seizure of property; and the role of the military in a large-scale domestic response.



Compilation of Marianist Biographies Available

Brother Herbert Janson, S.M., has compiled the biographies of the 162 Marianists who are buried in the Marianist cemetery at

St. Mary's. The history rich 360-page book, "Marianists In God's Acre," is available for \$20 from Janson, who can be contacted at (210) 436-3730.



Marianists Honor Velazquez, Kuebker, Student Leaders

Ileana Velazquez (second from right) of the School of Law's Center for Legal and Social Justice, and Candace Kuebker (second from left), director of special events and Gold & Blue editor in the Office of University Communications, received the 2003 Marianist Heritage Awards. Given by the Marianist Forum each year, recipients are recognized for their dedication and faithfulness to the Marianist charism and to the Catholic and Marianist education mission and tradition at St. Mary's. Marianist Student Leadership Awards also were presented to third-year law student John Gill, right, and senior Lynette Valdez, left, while senior Gus Segura, center, received the Carl Fitzgerald Scholarship.

Physicist Explains Elegant Universe

Leading theoretical physicist Brian Greene, Ph.D., introduced St. Mary's to string theory as part of the Lin Great Speakers Series.

A concept that could revolutionize our understanding of space, time and matter, Greene contends string theory may be the key to a unified theory of the universe.

A professor of physics and mathematics at Columbia University, Greene is the best-selling author of "The Elegant Universe," a 2000 Pulitzer Prize finalist.

Ambassador: Spain Support Correct in Iraqi Conflict

Javier Rupérez, Spanish ambassador to the United States, discussed Spain's support of the U.S. military campaign to disarm Iraq at St. Mary's. Rupérez, a graduate of Marianist primary and secondary schools in Madrid, presented "Democracy and Terrorism: A

Spanish Perspective."

Exploring America's Role in the World

The Spring 2003 President's Peace Commission program explored "The Role of the United States in the World" with panel discussions on U.S. foreign policy, the war on terrorism, human rights and weapons proliferation.

Popular among the discussions was "Trafficking in Persons: News from the U.S. State Department," led by State Department senior adviser Laura Lederer, who focused her presentation on the trafficking of women and children.



St. Mary's University Alumni Association 2003 Distinguished Alumni (left to right): Robert A. "Bobby" Corbo (B.B.A. '65), president and owner of Corbo Electric Co. Inc.; The Hon. Alma L. Lopez (B.B.A. '65, J.D. '68), chief justice of the 4th Court of Appeals; and Robert A. Kiolbassa (Cl '58), president/owner of Kiolbassa Provision Co.

Alumni Laud Six Distinguished Faculty Members

The St. Mary's University Alumni Association honored faculty members and recognized six professors for excellence in teaching.

This year's Distinguished Faculty are: Thomas Madison, Ph.D., accounting, School of Business and Administration; Andrea Berndt, Ph.D., psychology, and Kevin Mongrain, Ph.D., theology, School of Humanities and Social Sciences; Mary Wagner-Krankel, Ph.D., mathematics, School of Science, Engineering and Technology; L. Wayne Scott, School of Law; and Larry Hufford, Ph.D., international relations, Graduate School.

Award-winning Campus Calendar Makes Access a Breeze

Diamondback Days, the online campus calendar, recently received a silver medal from the Council for Advancement and Support of Education Circle of Excellence

Awards. The up-to-date calendar is available online at

www.stmarytx.edu/calendar

www.stmarytx.edu/calendar. It also can be accessed from the new St. Mary's home page which debuted in January with a crisp new look. Easier to navigate, changes to the new Web site reflect users' comments received during the past year.

Charity Cow

Brother Cletus Behlmann, S.M., painted what he hopes to be a cash cow for the American Cancer Society. The "Ala-moo Town Cow" was part of the annual Cow Parade, an auction to raise funds for the fight against cancer. Brother Cletus' cow featured line drawings of several San Antonio attractions such as the Torch of Friendship, the Alamo, the Bexar County Courthouse and St. Mary's University.

Business and Education Join to Launch CreditSmart Español

St. Mary's was the host site of a news conference announcing the national launch of the free consumer credit education campaign, CreditSmart Español. The new bilingual program—the brainchild of Freddie Mac—targets Hispanic consumers, the nation's largest and youngest population and the nation's fastest-growing consumer group.

U.S. Treasurer Rosario Marin joined Hispanic Association of Colleges and Universities President Antonio Flores, St. Mary's President Charles L. Cotrell, and Freddie Mac Vice President Jim Park to announce the program which will offer free classes to college students and community members and focus on maintaining strong consumer credit, with an emphasis on preparing them for potential homeownership.

Marianists Celebrate Jubilees

Ten San Antonio area members of the Society of Mary celebrated jubilees of their religious professions and priestly ordinations in March. The jubilarians honored for their years of religious life by the Marianist Province of the United States included: the Rev. Paul Ryan, 70 years; Brother Joseph Barrett, 60 years; Brothers Cletus Behlmann, Louis Ernst and Richard Schrader, and the Revs. Conrad Kaczkowski and James Mueller, 50 years. Also celebrating their silver sacerdotal were: the Revs. Gerald Hammel, John Kobuka and Eugene Sweeney.



Mock Trial Teams Win National Regionals

Third-year law students won the regional tournament of the National Mock Trial Competitions after capturing the Lone Star Classic Mock Trial tournament last fall.

St. Mary's students Andie Champagne, Austin Poda and Craig Saucier defeated a team from Baylor to claim victory in the regional competition, sponsored by the American College of Trial Lawyers and the Texas Young Lawyers Association at Baylor Law School in February.

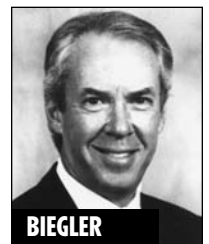
Practicing trial lawyers and sitting judges from Dallas, Austin and Central Texas judged the competition in which more than 80 students from 10 law schools in Texas and Louisiana participated.

■ Newsmakers

New Officers, Trustees Named to St. Mary's Board

Jack Biegler (B.B.A. '67), president of Ellison Management LLC, has been named chairman of the St. Mary's University Board of Trustees. Ruben M. Escobedo (B.B.A. '60), a San Antonio certified public accountant, is the new board vice chairman. Both assumed their new leadership duties June 1.

Ronald J. Herrmann (B.B.A. '57, J.D. '59), chairman of Columbia 300 Inc., was elected to the Board of Trustees in November to serve a two-year term. Other new trustees, whose terms began



June 1, 2003, include: Justice Karen Angelini (J.D. '79), the Law Alumni Association's representative serving a one-year term; Marianist representatives to the board the Rev. Timothy Eden, S.M., Ed.D., assistant professor of education and theology at Chaminade University of Hawaii, and Brother Victor Forlani, S.M., D.B.A., lecturer in management at the University of Dayton, both serving two-year terms; and Tim Handren (B.A. '95), senior vice president of enterprise business operations at USAA, serving a two-year term.

Cotrell Serves on Ethics Panel

President Charles L. Cotrell, Ph.D., recently served as vice chairman of the Committee on Integrity and Trust in Local Government, a panel formed by San Antonio Mayor Ed Garza after federal and state indictments were issued against elected local officials and lobbyists.

Cotrell also served as chairman of the Campaign Finance Reform Subcommittee.

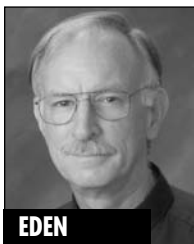
The committee completed its report in late January and gave the San Antonio City Council a set of recommendations that could change city government and restore the public trust.



HERRMANN



ANGELINI



EDEN



FORLANI



HANDREN



Business School Honors Alumni

Edward Speed (B.B.A. '70, M.A. '86), second from left, president and CEO of Texas Dow Employees Credit Union, and Robert Boerner (B.B.A. '49), right, were honored in late February as recipients of the Paul C. Goelz Award and the George M. Kohnen Award, respectively. The awards recognize business school alumni who distinguish themselves as business and community leaders and entrepreneurs. President Cotrell and Acting School of Business and Administration Dean Suzanne N. Cory, Ph.D., join honorees.

Weik Named Director of University Ministry

The Rev. Terry P. Weik, S.M., has been appointed director of University Ministry. Weik was interim director of Campus Ministry, now designated as University Ministry to reflect a larger ministry to the entire University community.



A native of Philadelphia, Pa., Weik's ministerial experience includes parish ministry, youth ministry, high school teaching, retreats and campus ministry.

Good Deeds

Nine Gifts Close in on \$1.8 Million

The generosity during the past year of individuals, foundations, estates and associations has netted St. Mary's close to \$1.8 million in major gifts.

Trustee Charles T. Barrett Jr. (B.B.A. '62) has made a gift of \$350,000 to fund a bell tower on campus to be named in honor of his mother.

The St. Mary's University Alumni Association presented gifts totaling \$271,000 which will benefit student scholarships and faculty professional development, among other programs.

A \$200,000 gift from the Albert and Margaret Alkek Foundation will help

fund the SBC Center for Information Technology, due to open in September.

The San Antonio-based Minnie Stevens Piper Foundation has given \$135,000 for three programs: the SBC Center for Information Technology (\$25,000); the Latina Letters annual conference (\$5,000); and \$110,000 to the School of Science, Engineering and Technology for a prototyping and development laboratory. Similarly, the Zachry Foundation has donated

\$105,000 for that laboratory in which students can initiate designs from conception to implementation.

The Estate of William C. Schell (B.S. '52) has made a more than \$107,000 unrestricted gift that has been earmarked for the University's beautification project.



Garcia Scholarship Fund Reaches \$100,000

Proceeds from the installation dinner of San Antonio Bar Association President Van Hilley, center, were donated to the H.F. "Hippo" Garcia Memorial Scholarship Fund at the School of Law. Contributions from Garcia's family, the Law Alumni Association and individuals have brought the endowed fund to \$100,000. Marking the occasion with Hilley are David Rodriguez (J.D. '90), left, nephew of Garcia, and Joe Casseb (J.D. '77).

The Houston law firm of Beirne, Maynard & Parsons, LLP, has given \$100,000 to the St. Mary's Law Journal to fund publicizing the Annual Law Journal Symposium. Martin Beirne (J.D. '69) was founding editor of the St. Mary's Law Journal.

The San Antonio Bar Association made a gift of \$66,500 to help fund the Hippo Garcia Scholarship Fund.

And, finally, the Estate of M. Dorothy Barr has contributed \$50,000 to scholarships for students majoring in chemistry.



University Promotes Higher Education

St. Mary's junior Kristal Garcia speaks with State Rep. Fred Brown, R-College Station, in Austin where a group of students, faculty and staff met with various legislators to rally their support of higher education and funding.



Sorenson Family Promotes Education Scholarships

The Sorenson family gathered with Marianists at the third annual Endowed Scholarship Reception. Chris Sorenson (B.B.A. '69) was instrumental in securing a \$500,000 gift to establish the Ruth W. Blume Scholarship Fund for undergraduate students majoring in secondary education. Pictured are: (back row, left to right) Marianists Brother Paul Metzger, Brother Charles Cumiskey, the Rev. Norbert Brockman and Brother Terry O'Connor; (front row) Lauren (B.A. '98), Renee, Chris and Kristen (B.A. '00) Sorenson.

Championship Pride



Rattler softball coach Donna Fields (front right) and graduate assistant coach Jessica Flores Peoples (front left) and the 2002 NCAA Division II softball champions show off their championship rings which they received on Feb. 15 during a special ceremony in Bill Greehey Arena.

Alumni Association Provides Aid to Neighbors

The St. Mary's University Alumni Association has donated \$17,500 to five West Side institutions and organizations.

The donations, which will benefit three neighborhood schools—including Holy Rosary School adjacent to the University campus—and a newly formed University Park Neighborhood Association, are a testament to the University's and Marianists' philosophy of community service.



Oyster Bake Proceeds Benefit University

2002 Fiesta Oyster Bake Chairman Pat Klasing (B.B.A. '71), left, and Ray Rodriguez (B.B.A. '74), past Alumni Association president, present President Charles L. Cotrell, Ph.D., with more than \$271,000 for University scholarships and programs. The check was presented in December at the San Antonio "Expanding Our Horizons" alumni reception held at the University's original permanent site, now La Mansion del Rio Hotel downtown.

Spring Sports Corner

Basketball

The St. Mary's men's basketball team rolled over the Heartland Conference to capture an automatic bid into the NCAA Division II National Basketball Tournament.

The Rattler's fell in the regional round of the tournament to Tarleton State University in Stephenville.

The regional featured one of the strongest lineups in the nation.

Northeastern Oklahoma State University won the South Central Regional and eventually went on to win the NCAA Division II national crown.

The Rattler's finished with a 17-13 record, in what Coach Herman

"Buddy" Meyer called a "two-part season." The boys limped out to a 2-9 start, then caught fire and won 15 of their last 20 games to take the Heartland Conference Championship.

Coach Paige Clawson and the St. Mary's women's basketball team scorched most of their opponents during the 2002-2003 season. The Lady Rattlers finished with a 22-7 record and played in the NCAA Division II National Basketball Tournament. The team fell to Angelo State University in the first round of regional action.

The Lady Rattlers took second place in the Heartland Conference.





NCAA Division II. Look for much more about their honors and exploits in the fall issue of Gold & Blue.

Golf

The women's golf team advanced to the NCAA Division II National Golf Finals May 14-18 in Howey-in-the-Hills, Fla.

The team earned the right to represent Texas in the national finals by finishing second to Northeastern Oklahoma State in the West Regional. The Lady Snakes held a seven-stroke lead at the turn, but couldn't hold off the Northeastern charge.

The St. Mary's men's golf team shot 297 in the second round of the Division II South Central Golf Regional Championship, but that was only good enough for a fourth place finish in the rain-shortened event.

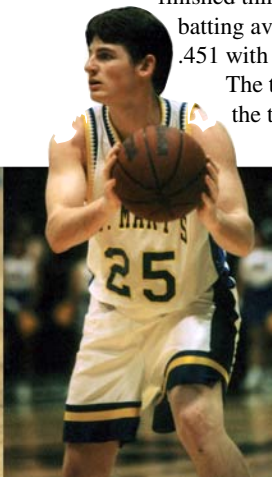


Baseball

Youth is being served on the St. Mary's baseball team. The Rattlers reached a No. 10 ranking in NCAA Division II, and four of the top five hitters on the team were freshmen and sophomores.

Freshman shortstop Ryan Hill, from San Antonio Reagan High School, finished third in the nation in batting average by hitting .451 with 15 homers.

The team battled to the top spot in the Heartland Conference during the regular season, but fell in the conference tournament, which was held at V.J. Keefe Field in May.



Softball

Once again, the Rattlers won the NCAA Division II South Central Regional Softball Championship to advance to the national finals.

In the regional, held at St. Mary's early in May, the Rattlers beat Texas A&M-Kingsville once and Angelo State twice to win the tournament.

The women traveled to the NCAA Division II finals in Salem, Ore., to defend their national title May 15-19.

Although unsuccessful in winning a second consecutive championship, the Rattlers placed fourth in the nation in

Post Season NATIONAL HONORS

NCAA Division II Player of the Year:

Kym Kling, softball

All-American First Team:

Jillian Wyne, golf; Kym Kling, softball

All-American Second Team:

Roni Garcia, softball

All-American Third Team:

Jennifer Survant, softball; Ryan Hill, baseball

All-American Honorable Mention:

Erin Griffin, basketball; Luke Antonelli, golf

REGIONAL HONORS

South Central All-Region Second Team and Region 6 All Region Team:

Erin Griffin, basketball

All West Region:

Jillian Wyne and Kate Meyer, golf

All West Region Coach of the Year:

Cindy Krause, golf

All South Central Region:

Luke Antonelli, golf

South Central Region First Team:

Brandon Roznovsky and Ryan Hill, baseball; Roni Garcia, Kym Kling and Jennifer Survant, softball

South Central Region Second Team:

Tiffani Craft and Kirtin Simmons, softball

Academic All-District VI Team:

Brandon Roznovsky, baseball; Roni Garcia, softball

All-Regional Tournament Team:

Roni, Garcia, Liz Hunt, Kym Kling and Jennifer Survant, softball

All-Regional Tournament Most Valuable Player:

Kym Kling, softball

HEARTLAND CONFERENCE HONORS

Coach of the Year: Donna Fields, softball

Player of the Year: Kym Kling, softball

Freshman of the Year:

Ben McCain, basketball; Ryan Hill, baseball; Tiffani Craft, softball

Newcomer of the Year:

Neno Anguiano, basketball

Co-player of the Year:

Brandon Roznovsky, baseball

All-Conference First Team:

Billy White, basketball; Erin Griffin and Martha Brinker, basketball; Luke Antonelli, golf

All-Conference Second Team:

Ben McCain and Pedro Brito, basketball; Neno Anguiano and Moesha Nash, basketball; Saare Adams and Ryan Villareal, golf

All-Conference

Team:

Christopher West and Sonya Ortiz, tennis; Brandon Roznovsky, Ryan Hill, Ricky Bonilla,



St. Mary's University student Candace McCormick speaks with 4-year-old Yanet Sanchez on the Malecón in Havana, Cuba.

Up Close and Personal: Visit to Cuba Opens Eyes and Minds

by Bonnie Pfister

It was the shoes that impressed Carlos Mendoza most — the fact that everybody had them.

During a recent week-long trip to Havana with 13 fellow students from St. Mary's University, the Mexico City native could not help but compare and contrast Cuba to his home.

Both welcome foreign visitors with friendly curiosity, especially those making at least attempts to speak Spanish. Both Latin American nations

grapple with underdevelopment. But being poor in Cuba means something different, something, well, better.

"I didn't see poverty as I do in Mexico," Mendoza said. "I define being poor as people begging who don't have food to eat every day, (who have) no house, no job, dirty clothes. In Cuba I saw a better economic situation. The basic necessities are covered.

"The shoes: I found that very interesting. I didn't see one person without shoes."

Tourism Cornerstone of Cuba's Economic Strategy

Mendoza, 23, a junior international business/international relations major, and his classmates spent March 14-23 meeting with legislators, health care professionals and educators, as well as visiting a tobacco farm and cigar factory. They participated in a graduate-level business administration course designed by visiting accounting professor Wayne Label.

Waiting to climb aboard a lightly insulated 30-seat Beechcraft for the one-hour flight from Miami International Airport, the group was not unique. Half a dozen other licensed tour groups milled about near a baggage claim, where an unmarked, walled-off area allowed for inspections by U.S. agents, and for the tour agency which chartered the Continental craft to issue handwritten boarding passes.

Treasury officials say the agency licensed 25,000 visitors in 2002 — although in late March the agency restricted new licenses for non-academic "People To People" educational visas, which have been favored by alumni groups. Licenses for direct programs of accredited universities, such as the three-year license St. Mary's obtained, are not affected.

Most individual Cubans struggle mightily to stretch their government salaries and food rations, although health care, housing and education remain free. The centralized

government legalized use of the U.S. dollar on the island in 1993, making tourism a cornerstone of its economic strategy. Low-skilled jobs catering to foreigners have since tantalized the island's engineers, teachers and doctors with the promise of better pay, often in hard currency.

"The U.S. dollar is now not only the primary measure of value, but also has replaced the revolution as (a) stimulus," said John Kavulich, president of the U.S.-Cuba Trade and Economic Council in New York.

Giant steps have been taken recently to weaken the 42-year-old embargo. In 2001, the U.S. Trade Sanctions Reform and Export Enhancement Act allowed direct commercial export, on a cash-only basis, of food and agricultural products to Cuba. Seventy American firms now have contracts to sell the island \$91 million in soybean products, rice, corn, beans and chicken.

While hotels, mining and citrus groves are being developed in concert with international investment, sectors such as education and the military remain off-limits.

Investors Look at Long-Term Gains

"They only allow investment with companies that are willing to play along," said Greg Johnson, who's pursuing a master's degree in economics. Joint ventures between the state and international firms must employ a certain number of Cuban workers who are screened by a government agency set up for this purpose.

The company pays the workers a basic Cuban salary – between \$12 and \$25 U.S. dollars a month – and keeps what's left for the general budget. "Not a bad cut for an employment agency," Johnson noted. "Their take can sometimes exceed 70 percent."

According to a 1998 academic case study, Spanish hotel chain Sol Meliá's 11 Cuban hotels, while only 4 percent of the chain's international investment, represent 10 percent of the firm's earnings. That percentage has likely declined recently with the worldwide downturn in tourism after 9-11.

But most investors are likely looking beyond short-term gains, Johnson theorized.



Student Carlos Mendoza meets a street vendor in Havana.

"The fact that they are 'first movers' puts them in a position to take advantage when the Cubans decide to open their economy or the embargo is lifted," he said.

Starbucks on the Malecón

Culture and politics formed the basis for most of the students' insights. One morning they heard a briefing on Washington's policy at the U.S. Interest Section's bunkered offices, and several were plainly in disagreement. Later that day they sipped strong hot cafecitos around a table with a top official from the Cuban foreign ministry.

Several questioned the U.S. official's explanation of the embargo.

Typically, "every country looks out for itself," international relations graduate student Orlando Gutierrez, 28, said later. "But Cuba is not that important now. The level of rhetoric is out of proportion to any kind of threat a realist might see."

Havana's functionary was also peppered with questions. As the island embraces tourist-focused development, several students worried that emblematic American franchises such as McDonald's would one day mar the Malecón, the city's seaside promenade.

The official glided past suggestions that eventually development might not be so centrally controlled. Other Cubans just laughed, recalled Sara Castillo, 21, who graduated May 10 with a bachelor's degree in marketing.

"Starbucks on the Malecón; is that really a bad thing?" Castillo said. "At this point they would just be happy with the option of being able to purchase a cup of coffee from Starbucks."

Castro Cracking Down

"When the doors are open, Americans are going to swarm to Cuba looking for business opportunities. If Cuba's government is wise, they will

let its citizens have a chance to build before anyone else."

But a series of reversals — several occurring during the students' stay in Havana — have made door opening appear more distant than ever. The Castro regime arrested at least 70 dissidents and independent journalists the week of March 17.

Nearly half of them have since been convicted and sentenced in summary trials with prison terms of up to 27 years. Three Cubans who attempted to hijack a ferry to Florida were executed April 11. Others who successfully rerouted two Cuba airliners to Florida in March are being prosecuted in the United States.

Some observers theorize Fidel Castro is cracking down now to avoid any further warming trends in the bilateral relationship. Absent the embargo, Cubans would better be able to measure how much responsibility



St. Mary's business professor Wayne Label, Ph.D., center, and student Gina McLeroy, left, speak with a Cuban student who is studying U.S. geography.

Castro himself bears for the island's economic hardships.

Certainly, neither the political nor the economic system quite work in Cuba, Castillo said.

"Obviously, there must be something wrong, or mothers would not be sending their young children to ask Americans like us for dollars or candy," Castillo said. "But it is not as bad as the U.S. media makes it out to be. I saw people laughing, talking at Copelia (Park), and generally having a good time. I didn't see any people starving. And I was looking." ■

Bonnie Pfister is a business writer for the San Antonio Express-News, where a version of this story first appeared.

Life's Lessons in the Bottom of a Test Tube

by Timothy Raabe, Ph.D., Associate Professor of Biological Sciences



Undergraduates Impacting Research at St. Mary's

Undergraduate research profoundly influenced my own personal career development. As an undergraduate biology major, I had hopes and aspirations of one day becoming a medical doctor. That all changed during the summer following my sophomore year in college when I was awarded a research fellowship.

Research as Teaching Tool

I realized at the time students are given a wealth of information that ultimately can be memorized for an exam and quickly forgotten, or used as a resource for acquiring more information through research. Undergraduate research forced me to actually practice being a biologist. In research, I was required to ask questions, design experiments, analyze results and plan my next course of action—not unlike methods we use to explore and answer challenges and opportunities presented to us in everyday life.

During my doctorate training I had the occasion to interact with a number of undergraduate students in a role as mentor. It was during that time I began to understand the importance of undergraduate research as a learning and a teaching tool.

Not every student will experience the powerful impact undergraduate research had on my life. However, it is important to appreciate the benefits both faculty and students reap from the research experience, especially at a small, private university like St. Mary's.

Besides having the opportunity to

Associate Professor Timothy Raabe, Ph.D., assists student researcher Belinda Flores while Esmeralda Lugo (far right) continues work on cell development.

perform valuable research, faculty members benefit from utilizing undergraduate assistants in their work, and are able to stay current in their own field of study.

Students use material from textbooks and lectures and apply that information to real world problems and questions they help devise.

Undergraduates working in my laboratory daily draw on information from their biology courses to assist them with their independent research projects. That research can provide sufficient data for use in preparing abstracts for presentation at scientific meetings, in preparing manuscripts for publication in peer-reviewed scientific journals, and in applying for new

sources of external funding from granting agencies.

Diabetic Neuropathy Focus of Student Research

In my neurophysiology course, and in many other advanced biology courses, we discuss the normal function of neurons—the communicating cells in the nervous system—and problems that can arise when they stop functioning properly.

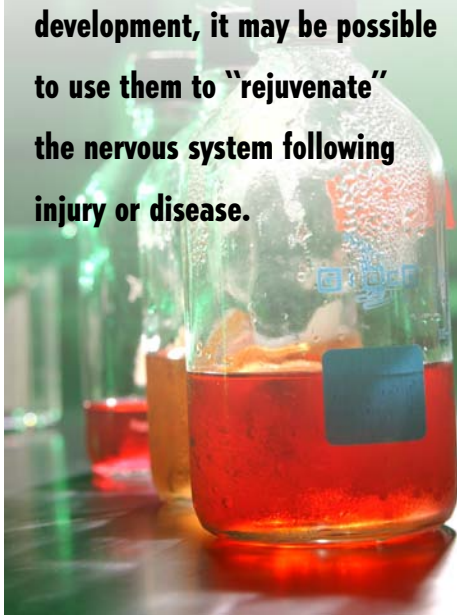
One problem is called peripheral neuropathy, which is a general term used to describe disorders of the peripheral nerves, or nerves outside of the brain and spinal cord. There are many types and causes of peripheral neuropathies, but the most common form in industrialized countries like ours is a complication of diabetes known as diabetic neuropathy. Given the predisposition to diabetes in the Hispanic population, this is especially important to many of our students who may have a family member afflicted with diabetes and diabetic neuropathy.

Diabetic neuropathy is characterized by numbness, weakness, tingling, and sometimes pain in the hands, arms, feet and legs. The underlying causes for diabetic neuropathy are not well understood, but they may involve a number of factors that contribute to the improper functioning—or lack thereof—of the peripheral nerves.

In our research laboratory, we build on and extend this knowledge by investigating one possible factor that could contribute to the development of diabetic neuropathy. That factor is a breakdown in communication between the neuron and the glial—or Schwann—cell that encompasses it and provides myelin (insulation) around the neuron.

Student researchers involved in the project have shown an important signaling system between the two cell types appears to be compromised. This could produce detrimental effects such as Schwann cell death and subsequent demyelination—the loss of myelin around the neuron—which could be responsible for the onset of diabetic neuropathy.

By understanding the normal function of these molecules during development, it may be possible to use them to “rejuvenate” the nervous system following injury or disease.



Communication Between Cells and Using Growth Factors

The development of the nervous system is another topic discussed in many of our biology courses and also is an area of research in my own laboratory.

For example, how do cells know what they are going to be when they grow up?

One answer relies on communication between cells, which involves signals sent from one cell that influence the development of another cell. My lab is interested in the role of one of these signals—a growth factor—that initiates glial cell development. Currently student researchers are analyzing the developmental pattern of this growth factor. Binding this growth factor to a specific receptor provides signals to a cell, directing it to become a glial cell.

By understanding the normal function of these molecules during development, it may be possible to use them to “rejuvenate” the nervous system following injury or disease.

For example, multiple sclerosis is a demyelinating disease that affects the brain and spinal cord. The glial cell that provides the myelin in the brain and spinal cord is called the oligodendroglia. In multiple sclerosis, those glial cells are destroyed and are not sufficiently replaced.

The growth factor student researchers at St. Mary’s are studying plays an important role in the life of the oligodendroglia by influencing their numbers, survival and ability to produce myelin. By better understanding the role of this growth factor during oligodendroglia development, we may be able to use that information for further studies investigating the growth factor’s potential use as a therapeutic agent for the treatment of multiple sclerosis.

Research and Real Life

This ultimate goal is extremely exciting for students because they can provide answers to questions that may help to provide a treatment and alleviate the suffering of individuals afflicted with this incurable disease.

Student researchers not only utilize the information they gain from their courses, but also can actually contribute to the body of knowledge by performing individual research. This is an extremely powerful and motivating force that enables students to participate in and personalize their education at St. Mary’s.

I am hopeful undergraduate research will continue to thrive and grow in other departments at St. Mary’s so all of our students will have the opportunity to experience some of life’s lessons whether it is at the end of a questionnaire, in the solution to a complicated mathematical model, or even in the bottom of a test tube. ■

Timothy Raabe, Ph.D., a Brookings, S.D. native, joined the St. Mary’s University faculty in 1997. He earned both his bachelor of science and master of science degrees in biology from Southwest Texas State University, and his Ph.D. in zoology (physiology) from the University of Texas at Austin (1995). Raabe received the St. Mary’s Alumni Association 2002 Distinguished Faculty Award.

NO BONES ABOUT IT

A Clearer Picture About Bioengineered Hip Stems

Undergraduate Research in Bioengineering at St. Mary's

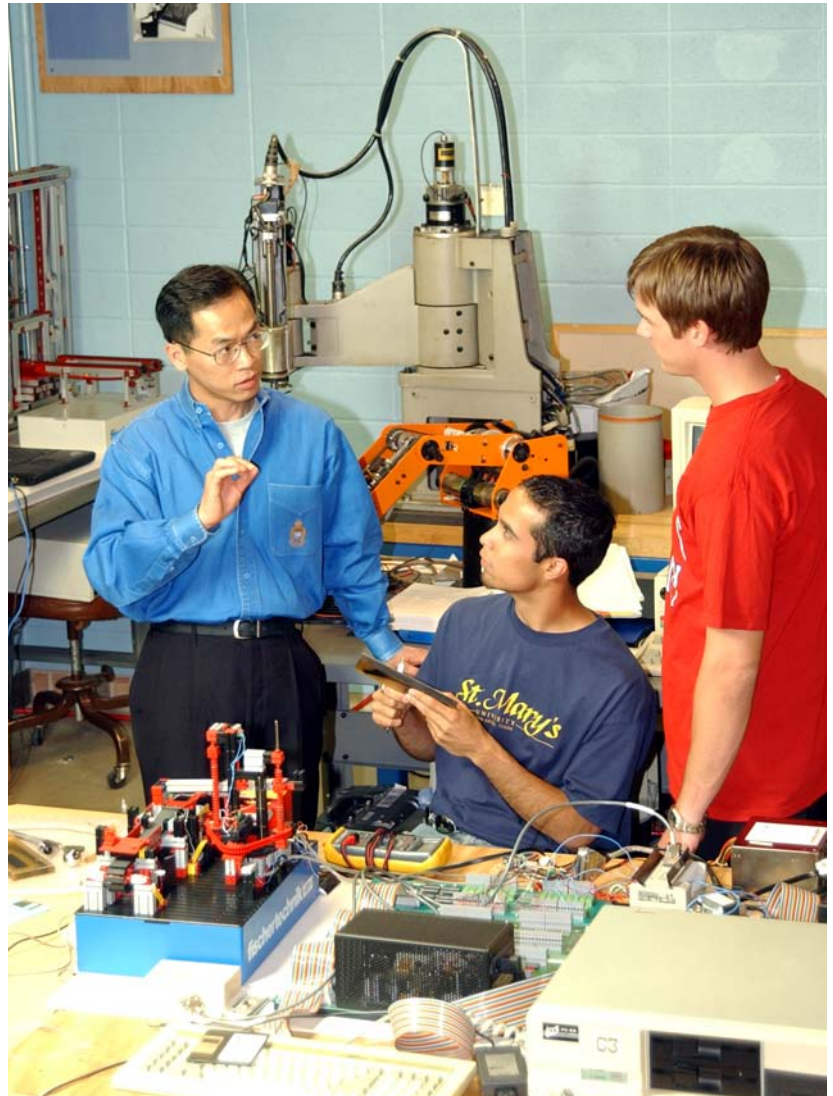
*Albert Y.T. Sun, Ph.D.,
Assistant Professor of Engineering*

An elderly man suffers from chronic hip pain because of degenerative arthritis. He walks only with difficulty and has lost most of his independence. He turns to an orthopedic surgeon for help. A young woman cannot walk without intolerable hip pain caused by a high school basketball injury, and is restricted from any form of athletics. Physical therapy, nonsurgical treatments and surgical repairs are unsuccessful. Her orthopedic physician suggests hip stem replacement surgery.

Hip Stem Implants Present Research Challenge

Today, one of the most frequently performed orthopedic surgeries is the replacement of arthritic hip joints with hip stem implants. Although there have been great advances in extending the life of artificial joints, the average artificial hip lasts less than 13 years. In some cases the hip loosens sooner than that, especially for younger and more active patients. Most implanted joints eventually loosen and require a revision. A loose replacement joint causes pain, and once that pain becomes unbearable, another replacement is likely required. As with other major surgeries, the potential for complications exists.

These and other concerns have motivated me to pursue replacement hip stem bioengineering research to try to resolve some of these problems. The goal is for patients to require only one replacement hip stem in their lifetime. My research includes a team of



Assistant Professor of Engineering Albert Sun, Ph.D., left, explains research techniques to students Charles Alicea and Derrick Muschalek, right.

undergraduate students involved in the new cross-disciplinary field of bioengineering at St. Mary's.

Lab Experience Complements Classroom Teaching

I believe teaching and research should complement each other. It is essential that I maintain knowledge and skills related to the latest research findings in subjects I teach. It is key,

too, that these results be presented in a manner students can apply.

Since joining St. Mary's four years ago, I have led seven undergraduate engineering students in development phases of pioneering innovative replacement hip stem fabrication.

Several years ago, St. Mary's alumnus James St. Ville, M.D. (B.A.'79), secured Department of Defense (DOD) grants, and, with them,

started Hawthorne & York International Ltd. (HYI). He then “subcontracted” several universities—St. Mary’s, Arizona State University and Old Dominion, among them—to conduct research using his patented Volumetrically Controlled Manufacturing (VCM) concept, a critical technology emerging in the United States.

As on-site principal investigator (the DOD’s U.S. Army Medical Research and Materiel Command supervises the overall project), among project-related responsibilities I hire students, purchase equipment, direct all phases of research, report research findings to HYI, and serve as liaison to the DOD.

Our first research challenge was to create a more “user-friendly” artificial hip as there is, as St. Ville affirms, an urgent need to improve upon those that exist today. In clinics, either mechanical failure (such as fracture), or bone cells re-healing or remodeling failure (such as surrounding bone loss), causes loosening of the joint.

Our research team adopted VCM to tackle the problems.

Designing Recipes for Improvement

What we tried to do could be considered a recipe. Someone with the basics of culinary art can prepare almost any meal, given a detailed recipe. Of course, the outcomes may vary depending upon the talents of the cook. Cooking is an art and, like other arts, a little magic “touch” can influence the final result.

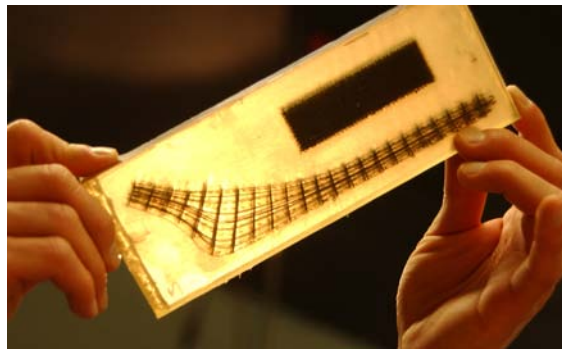
Our team, then, plays the role of a master chef who begins without a written recipe, but must create one. We must determine the number of ingredients to put into the dish, at what temperature to cook it, how long each step in the process takes, and just when to stir the mixture. With created recipes, we can reproduce elaborate dishes.

Basically, hip stems can be made of two kinds of materials: metallic, like titanium alloy and cobalt chrome, and nonmetallic, such as composites and ceramic. Metallic hip stems are so rigid that the body can experience unphysiologic stresses, causing the adjacent bone to remodel, which leads to loosening of the joint. Composite hip stems also have a drawback called

delamination phenomena, whereby the structure may separate, causing mechanical failure of the joint.

Working with the HYI engineers, our team’s role in the successful application of the VCM concept for the DOD, is to determine key parameters in the midst of many factors:

- synthetic materials selection to improve the biocompatibility of the new hip stem;
- three dimensional design to



Prototype of fiber-reinforced hip stem.

resemble the mechanics of a human femur (thighbone); and

- experimental designs involving the control of the optimum process that includes molding setup and temperature, pressure, and time controls to produce a desired new hip stem.

We successfully prototyped a fiber-reinforced construction to provide room for the ingrowth of fresh bone tissue which fixes the implant in the bone. The mechanical properties of this new design should achieve a better performance than traditional hip stems. The success is attributed to the new design that has the ability to be plastically deformed without mechanical failure.

As a result, we developed several recipes for different designs. We flew to the HYI headquarters in Phoenix to demonstrate the fine “touch” on the process of fabricating new hip stems. It has been evaluated at many levels in the DOD, and our St. Mary’s team has met and exceeded project expectations.

Our second challenge has been to integrate our VCM work with two other critical technologies recognized by the DOD, namely, Smart Materials and MEMS (micro-electro-mechanical systems). Currently, we are focusing on process flow automation as the third phase.

Students Contribute to Body of Knowledge

It has been my pleasure to work with students on the project. They have contributed to the body of knowledge necessary for the research by applying what they have learned from their engineering courses. I have been able to incorporate research findings into course development, allowing students to relate real-world applications beyond textbook information.

With our research, we have implemented a cumulative base of scientific knowledge from several disciplines including mathematics, engineering, physics, chemistry and biology. Undergraduate research trains students to become disciplined and mature critical thinkers.

Bioengineering also has benefitted the students through promising opportunities. Cesar Coro (B.S. ’02), was hired by HYI, and Jessica Stack, an industrial engineering student,

works as a researcher at Southwest Research Institute.

Because our bioengineering research has worldwide significance in synthetic material development, it will impact medicine, and the aerospace, automotive, and military fields, among others. Our undergraduate researchers, through this invaluable learning opportunity, can gain a competitive edge in what is certain to be a globally competitive field of research and discovery. ■

Albert Sun, Ph.D., received his bachelor of science degree in industrial engineering from National Taipei University of Technology (Taiwan), before moving to Ohio where he earned both his master’s degree (with concentration on applied automation), and doctorate (with concentration on manufacturing systems) in industrial engineering from the University of Cincinnati. James St. Ville, M.D. (B.A. ’79), honored with the St. Mary’s Distinguished Alumnus Award in 1999, continues to support the University by providing grant-funded research opportunities to students and faculty.

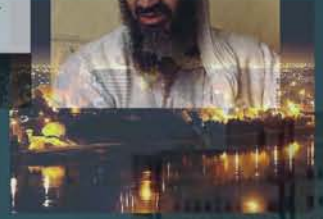
I began teaching international relations in 1990, just as the United States was responding to Iraq's attack and occupation of Kuwait. It was an exciting time to be exploring world politics and the students were highly motivated to learn about the international arena.

They could see that events outside the borders of the United States could have a direct impact on their lives. The quick and relatively easy defeat of the Iraqi forces and liberation of Kuwait led to a long period in the 1990s where student interest in international affairs dropped, reflecting the general trend in the population at large.

Despite wars in the Balkans, the genocidal violence in Rwanda and the numerous civil wars that erupted on the African continent, the majority of people in the United States basked in the afterglow of the end of the Cold War and the demise of the Soviet Union.

Full Knowledge Necessary in War on Terror

by Leona Pallansch, Ph.D.,
Graduate Program Director,
Political Science



Greater Understanding

That changed on Sept. 11, 2001. One thing I said then, have repeated often, and continue to believe, is that we cannot understand the terrorist attacks of Sept. 11 without understanding the context for those attacks. How can we respond to terrorism and stop terrorists if we do not have full knowledge of what motivates them?

Osama bin Laden, the man believed behind the Sept. 11 attacks, cites three reasons why all devout Muslims should declare war against the United States and its allies: the presence of U.S. troops in Saudi Arabia, the U.S.-supported sanctions against Iraq, and the continued U.S. support of Israel. Many people in the United States do not understand why these accusations arouse such passion and anger.

For the sake of greater understanding, not justification, each of these issues must be explored.

The United States sent troops to Saudi Arabia in August 1990 to spearhead an international response to the Iraqi invasion of Kuwait. After the Persian Gulf War, the United States kept 5,000 troops in the country to maintain stability in the region and for the security of the Saudi regime. Bin Laden interpreted our military presence there as an affront to Islam, and the Saudi government's acquiescence to this presence as further proof of its corruption and un-Islamic nature. He was expelled from Saudi Arabia in 1991 and his citizenship was revoked in 1994.

Bin Laden's second charge leveled against us relates to the continued economic sanctions against Iraq. When Iraq invaded Kuwait, the first response of the United Nations Security Council was to pass a resolution barring all financial transactions between Iraq and any member country. With Iraq's defeat in 1991, the Security Council passed Resolution 687, calling for the continuation of economic sanctions until Iraq rid itself of all weapons of mass destruction and ceased all attempts to develop and produce such weapons.

History of Iraq

For nearly 400 years, the country we call Iraq was part of the Ottoman Empire. It was not governed as a single

entity, but was ruled as three separate provinces, and even then, control over the people seldom extended beyond the major city of each province. Iraq's present day borders were established through a negotiated compromise between France and Great Britain after the defeat of the Ottomans in World War I.

The sources of political instability in Iraq are many. It is a divided country in terms of religion, ethnicity and economics. As a consequence of mounting political conflicts, the monarchy that was instituted after World War I was overthrown in 1958. Political instability continued until 1968 when the Ba'th party took control of the government. The creation of two radical Syrians, the Ba'th is a secular, socialist party emphasizing land redistribution and an end to social inequality. At one time, it also called for the unification of all Arab people, but this has been modified as a call for unity of Arab support behind issues affecting the Arab people.

Saddam Hussein brought stability to Iraq through ruthless repression of all dissent. During the 1980s, while at war with Iran, he was accused of using biological and chemical weapons against the Kurds and the Shiite Muslims for their opposition to his rule and supposed support of Iran. It was during this time that the U.S. State Department removed Iraq from its list of terrorist countries, thus opening the door for arms shipment to Iraq. Remember, Iran was seen as a threat to U.S. interests in the region.

Finally, bin Laden's third charge against the United States involves our support of Israel. Since its creation in 1948, Israel has been viewed by many in the Arab Middle East as a foreign entity and an example of continued Western imperialism. These ideas stem from the manner in which Israel came into existence.

A Complex Region

The territory of Palestine was designated as part of the British mandate after World War I, again as a result of negotiated settlements between the French and the British. Two peoples made competing claims to the land, the Jews and the Arab Palestinians. Unable or unwilling to

resolve the issue, the problem was turned over to the newly created United Nations after World War II. The General Assembly of the United Nations voted to partition the land and create two states—one Jewish, one Palestinian. On May 15, 1948, the Soviet Union and the United States recognized the state of Israel.

The Palestinian Arabs and other Arab countries of the Middle East did not accept that vote. Thus began the first of many wars among these people, which have led to displacement of the Palestinian people and expansion of Israel's borders.

After the Persian Gulf War of 1990-1991, there was a period of optimism when there were attempts to resolve the Israeli-Palestinian-Arab conflict at Madrid and Oslo. Unfortunately, negotiations broke down and violence returned in the fall of 2000 in the form of violent protests among the Palestinians, violent military response from Israel, and random terrorist attacks against Israeli citizens.

The Middle East is a complex region that many find difficult to understand. However, the terrorist attacks of Sept. 11 vividly demonstrate the importance of seeking complete knowledge about the roots of the many problems confronting this part of the world. ■



Leona Pallansch, Ph.D., is an expert in Middle East politics and international relations. The associate professor of Political Science

arrived at St. Mary's University in 1998 after teaching for several years at Allegheny College in Pennsylvania. Pallansch earned her doctorate in 1995 from the University of North Carolina—Chapel Hill.

One of the first things that impressed John Cornyn when he moved to the nation's capital to become the first U.S. senator from San Antonio was the politically charged culture that permeates the atmosphere inside the Beltway.

"There is a huge cultural divide from Texas to Washington, D.C.," he

Baines Johnson and John Tower. Cornyn joined that esteemed fraternity when he beat former Dallas Mayor Ron Kirk last fall to succeed Phil Gramm as one of the two Texas senators.

He relishes the challenge, however, of living up to the legacy of those who served before him. "Right after I got here, one of my colleagues told me that

San Antonio, his mother does "so I still consider San Antonio my home."

Cornyn, 51, credits St. Mary's and several of its law professors with providing the solid foundation that enabled him to pursue his career goals.

Professors Influence Career

"St. Mary's had a great reputation as a lawyer's law school, where you could learn what you needed to do to enter the legal marketplace and be prepared from the beginning to use your degree," he says. He was named the St. Mary's Distinguished Law School Graduate in 1994.

And he used those skills as a state district judge, state Supreme Court justice and Texas attorney general before moving to Washington.

Cornyn fondly remembers former law school Dean James Castleberry who "was a fantastic property law and oil and gas professor" and professor Charles Cantu "who I did some research for and is a good friend" as just a couple of teachers who influenced his career.

The freshman senator is quickly learning other aspects of life on Capitol Hill.

Learning the Ropes

"Being in the Senate is a challenge. I quickly learned that your schedule is not your own. There are a lot of demands on you that you have no control over."

Cornyn is on the Senate Judicial Committee, which he calls one of the toughest committees in the Senate. He cites the hearings on potential Court of Appeals appointments: "The Senate is pretty much divided. It is a real contest to get these decided," he says.

Cornyn also is on the Armed Services Committee, and recently toured 10 of the 17 active military installations in Texas in preparation for the next round of Base Realignment and Closure.

"We visited with some former POWs and looked at the contributions the bases are making. I wanted to get the full measure of that before the next round of BRAC hearings so we can make sure (closing Texas bases) doesn't happen."

While Cornyn deeply appreciates the historic significance of the seat he now occupies, he is eagerly learning how to navigate the intricacies of the Senate and the politics surrounding it

Cornyn Relishes Challenges of Senate Legacy

by Rob Leibold

U.S. Sen. John Cornyn (J.D. '77) joins President George W. Bush on Air Force One.



says. "I now understand why people talk about what happens inside the Beltway as opposed to the rest of the country. It is intensely focused on politics and who's winning and who's losing."

Living Up to the Legacy

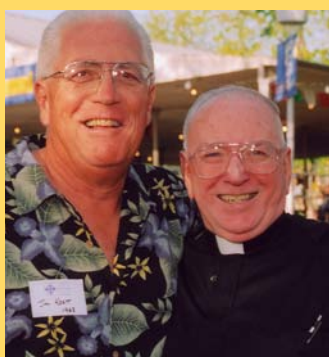
At the same time, Cornyn, a 1977 graduate of the St. Mary's University School of Law, is inspired to hold the same seat in the Senate previously held by such Texas luminaries as Sam Houston in 1846, and later Lyndon

joining the Senate is like joining a great university."

He also takes pleasure in representing San Antonio in the national arena. "One of the great things about being from San Antonio is that it represents the Texas of the future. There is great tradition and history in San Antonio. It is so tied up with Mexico, and the Hispanic culture seems like a perfect harmonious melding of cultures," he says, adding that while he no longer has a home in



2003 HOMECOMING



April was chock-full of activities focused on alumni, from the Distinguished Alumni Dinner which made a return to Homecoming Weekend (after being held in the fall for the past decade), to school reunions, to the ever-popular "Baby Bake." In all more than 7,000 members of the St. Mary's family – young and not-so-young alike – enjoyed the festivities.

A Former President's Legacy

The Rev. James A. Young, S.M., Ph.D., who helped establish the Marianist Trust which reached \$7 million and donated funds to the University and scholarships to its students, was St. Mary's eighth president.

Young died Dec. 16, 2002, at the Marianist Residence. He was 87 and in the 70th year of his religious profession in the Society of Mary.

His presidency from 1973 to 1981 was distinguished by a major campus building program, says the Rev. John A. Leies, S.M., Theology department chairman, who was Young's assistant for several years when the former president was provincial superior.

"He was very supportive of the business school and entrepreneurship. He collaborated with (Brother) Paul Goelz to secure the business building from Albert B. Alkek. He also worked with the business community to set up entrepreneurial programs at the school," Leies says.

James Anthony Young was born Sept. 10, 1915, in Madison, Wis. The only boy in a family with six sisters, Young became acquainted with the Marianist vocation recruiter for the St. Louis Province while a student at Holy Redeemer grade school. In 1929 he became a postulant at Maryhurst in Kirkwood, Mo., where he continued his studies and religious formation.

After college studies at Maryhurst and St. Mary's, he earned a bachelor's degree in Latin from St. Mary's in 1936. He then taught religion, English, Latin, social studies and algebra at several high schools, including Central Catholic in San Antonio, and McBride and Coyle (now Vianney) in St. Louis, among others. In addition, he coached football, baseball and served as athletic director.

Young began his seminary studies at the Catholic University of America in Washington, D.C., and continued at St. Meinrad's Abbey in Indiana, where he was ordained in 1945. He received his Ph.D. in 1961 from the University of Texas at Austin.

A key assignment came in 1953 when Young was assigned to St. Mary's to teach in the philosophy department. In 1957 he was appointed academic vice president-dean of faculty and during that time, he drafted his "Academic Blueprint," which charted the University's future growth and development and would become his legacy.

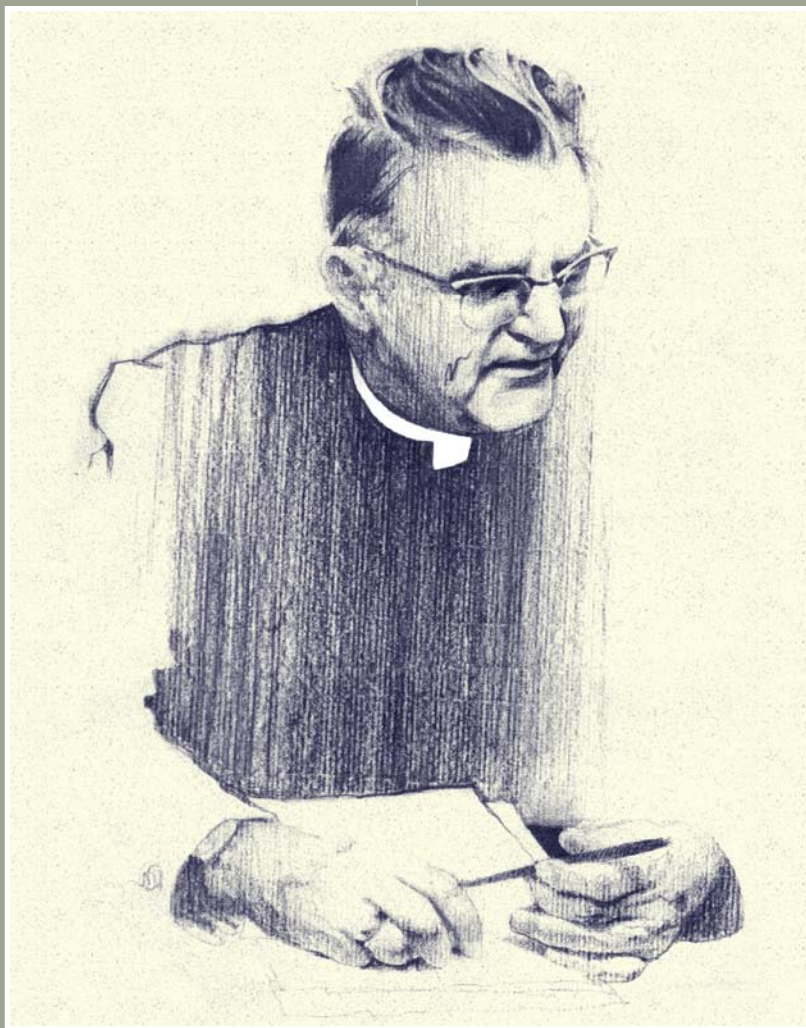
From 1961 to 1971, Young was the Provincial Superior of the St. Louis Province and chairman of the St. Mary's University Board of Trustees. He returned to St. Mary's to teach in 1972 and was appointed president of the University in 1973.

Following his last term in office, he remained at the University until 1984, when he was assigned to Nolan Catholic High School in Fort Worth.

St. Mary's University honored Young as President Emeritus (1981) and Distinguished Alumnus (1994) because of his exceptional dedication to St. Mary's.

Leies says Young also was dedicated to the Society of Mary, often saying: "I don't want to refuse God or the Society of Mary anything."

"He accepted responsibilities that entailed worries and anxieties but he did it as part of the overall



design of his life and dedication," says Leies.

Remembered for his shock of white hair, serene smile, gentility and warmth, Young always enjoyed social interaction with his brothers, former students, academic colleagues and the many friends he made over the years. "He was always gracious, a gracious host and affable to his colleagues," says Fay Bourgeois, director of operations at the Marianist Residence. "He was very socially oriented. He even held that in his disease," she says.

Young suffered from Alzheimer's disease and retired to the Marianist Residence on the St. Mary's University campus—his favorite home—in 1999. ■



Junior Kym Kling,

seen here at the NCAA Division II National Championships in Salem, Ore., was named first-team All-American and NCAA Division II Softball Player of the Year for 2003. Kling, who hails from San Antonio's Marshall High School, led the team in pitching with a 31-3 regular season record. She also led the team in hitting during the regular season with a .407 batting average, eight homeruns and 53 RBIs. The Rattlers finished No. 4 in the country for 2003.

In Closing



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