After working for a few years in the corporate world, I decided it was time for me to go back to school and improve my chances of a better future. I am currently a candidate for both an International MBA and a MA in Spanish. I am about to start working alongside the Roadmap-to-Redesign team in the Foreign Language department, researching the differences between computer-based and instructor-based language courses. The research seeks to determine if we can employ more uses of technology in the classroom without affecting the quality of student’s education, while simultaneously lowering departmental costs.

Oscar Lopez, Master’s Student
International MBA and MA in Spanish
Bio provided by Oscar Lopez (photo by Jacek Jonca Jasinski)

After working for a few years in the corporate world, I decided it was time for me to go back to school and improve my chances of a better future. I am currently a candidate for both an International MBA and a MA in Spanish. I am about to start working alongside the Roadmap-to-Redesign team in the Foreign Language department, researching the differences between computer-based and instructor-based language courses. The research seeks to determine if we can employ more uses of technology in the classroom without affecting the quality of student’s education, while simultaneously lowering departmental costs.

From the Dean
John Borrelli, Ph.D., P.E.

Last year at this time we were just approving our first graduate certificate program. Today we have 15 graduate certificate programs in various stages of approval. These programs meet the needs of students pursuing graduate degrees as well as students needing a graduate certificate to qualify for a new job or to allow them to enhance their job performance. Texas Tech was a little late in starting a graduate certificate program, but our faculty members have met the challenge and developed some outstanding programs. One program is receiving an average of 30 inquiries per week.
Tech participates in Lone Star Graduate Diversity Colloquium

The Lone Star Graduate Diversity Colloquium is a program intended to help students learn more about graduate schools and the graduate programs available to them in Texas. Over the course of a day and a half, there were educational sessions for students, faculty, and recruiters, as well as a graduate recruiting fair. This Colloquium is designed to give students an opportunity to meet and interact with diverse college students from throughout Texas.

The Texas Tech Graduate School was pleased to be able to sponsor 42 students attending the inaugural Lone Star Graduate Diversity Colloquium, hosted by Texas A & M University on March 31 - April 1. Students attending from Texas Tech University had the opportunity to meet other students from across Texas who were interested in graduate school, to attend a recruiting fair with over 60 graduate programs represented, and attended breakout sessions with topics ranging from financing graduate education to choosing the right graduate school to the value of undergraduate research in preparation for graduate school.

Texas Tech was recognized for having the largest number of students in attendance at the event. The majority of them were undergraduate students looking for a graduate school, as well as a few master’s students who were looking for doctoral programs.

The event had about 300 registered attendees and 61 schools were represented at the recruiting fair. Shannon Sanson, our Graduate Recruiter, received some very good leads from students wanting to attend TTU graduate school during the recruitment fair portion.

Next year’s event will be hosted by the University of Texas in Austin and Texas Tech University will host it in 2008.

From the Dean [cont’d from front page]

As a result of successful graduate certificate programs, many new distance learning courses and degree programs and increased numbers of faculty members, our graduate student numbers have increased to an all time high of 4443. Most importantly the numbers of new doctoral and master’s students are also at a record level. This means our various graduate programs have been successful in recruiting students. In my opinion these are all indicators of the quality of our graduate programs.

Within this growth of graduate programs there are changes. Almost 15 percent of our students are in distance learning programs, 35 percent of our students are part-time, and we have greater diversity of graduate students. The vast majority of our students do not have research or teaching assistantships. Within the record numbers of graduate students, we have increased numbers of doctoral students and fewer master’s students. Consequently, we will need to develop different types of programs, such as the part-time scholarship program we initiated this fall semester. Meeting the needs of these changes will be a priority of the Graduate School in the near future.
Scholarship Highlight
Preston and Ima Smith Graduate Scholarship

This scholarship honors Governor Preston Smith and First Lady Ima Smith, the first woman to be named a distinguished alumna of Texas Tech University. It was established in 1998 to provide financial assistance to graduate students pursuing West Texas research at Texas Tech, and the first award was made for the 2005-2006 academic year. Always staunch supporters of higher education and Texas Tech University, the Smiths believed college graduates were the foundation of the nation’s future. West Texans are proud of the Smiths’ economic, social, and, particularly, their educational legacy throughout the South Plains region.

Both West Texas natives, Preston and Ima Smith married in 1935 and had two children, Mickey and Jan. Preston graduated from Texas Tech University in 1934 with a degree in Economics and Ima was a former Texas Tech student who studied General Education.

Preston Smith was the first full-fledged West Texan ever elected Governor and the first Texan since the Civil War to move directly from Lieutenant Governor to Governor by election. His political strength was in the rural areas and small towns that responded so enthusiastically to his person-to-person style of campaigning. In 1970, Smith became the only Texas gubernatorial primary candidate to run unopposed.

Some of Governor Smith’s greatest accomplishments include: establishing more new state universities and medical and dental facilities than any other governor; establishing more vocational and technical training facilities than any other governor; overseeing a ten-year salary increase for teachers; creating the University Coordinating Board that distributed state funds to colleges on a more equitable basis; beginning pre-school for non-

continued on page 5

RHIM students

On June 25, 2006, members of the Tech Restaurant, Hotel and Institutional Management program attended the 12th Asia Pacific Tourism Association (APTA) and 4th Asia Pacific Council on Hotel, Restaurant and Institutional Education (APacCHRIE) International Joint Conference in Hualien, Taiwan. The purpose of the conference was to promote the exchange of ideas and research papers on topics ranging from accessible tourism to the study of Chinese outbound travel to the United States.

The group also met up with several of our graduates that are now teaching at universities in Taiwan. Dr. Frank Tsai, Dr. Shih Ya-Hui, and Dr. Sophie Cheng brought their students and presented papers at the conference.

continued in right column
Financial Opportunities

The Graduate School is pleased to offer these noted fellowships and scholarships to Texas Tech University graduate students, with a majority of the awards ranging from $2,000-$4,000/year. The Graduate School disbursed 229 scholarship and fellowship awards for a total of $667,000 for this year. Two of the awards below are eligible for part-time students to apply - Preston and Ima Smith Scholarship (full and part-time students) and the Helen DeVitt Jones Part-time scholarship. All other fellowships are for full-time students.

<table>
<thead>
<tr>
<th>Fellowship/Scholarship</th>
<th>Major/Requirements</th>
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<tbody>
<tr>
<td>American Mexican Friendship - Waterman Scholarship</td>
<td>Previous degree from a Mexican Univ.</td>
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<tr>
<td>Cash Family Endowed Fellowship</td>
<td>All majors</td>
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<tr>
<td>Covenant Health/Social Services Fellowship</td>
<td>Health/Social Services Related Fields</td>
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<tr>
<td>Elo J and Olga Urbanovsky Fellowship</td>
<td>Land-Use, Planning, Management and Design</td>
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<tr>
<td>Hazlewood Memorial Fellowship</td>
<td>All majors</td>
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<tr>
<td>Helen DeVitt Jones Graduate Fellowship</td>
<td>All majors</td>
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<tr>
<td>Helen DeVitt Jones Part-time Scholarship</td>
<td>All majors</td>
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<tr>
<td>Horn Professors Graduate Achievement Award</td>
<td>Nomination by Thesis/Dis. Director (all majors)</td>
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<tr>
<td>Junction Summer Scholarship</td>
<td>All majors</td>
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<tr>
<td>McNair SBC Graduate Fellowship</td>
<td>McNair Scholars</td>
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<tr>
<td>Preston and Ima Smith Graduate Scholarship</td>
<td>West Texas Research</td>
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<tr>
<td>SBC/Chancellor’s Fellowship</td>
<td>Departmental Nomination (all majors)</td>
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<tr>
<td>Summer Dissertation/Thesis Research Award</td>
<td>* See website</td>
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<tr>
<td>Water Conservation Research Scholarship</td>
<td>Water Conservation Research</td>
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<tr>
<td>Paul Whitfield Horn Fellowships</td>
<td>* See website</td>
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</table>

Gelin Emergency Loan Fund

Purpose of the Loan Program
The loan program provided by Mr. Gelin is designed to financially help students when they face family emergencies or other unexpected events. The goal of this loan is to provide students with an interest free, quick and easy alternative to the traditional loan process.

Eligibility
The Mr. and Mrs. Carl H. Gelin Loan Fund is available to any graduate student working on a graduate degree or certification program at Texas Tech University. All applicants must be on campus and must be full-time graduate students with a financial need and in good standing with the Graduate School.

Award Amount: $500 - $2,500
- Loans of $500 or less should be paid back within 120 days, at 0% interest, after the loan is received.
- Loans up to $2,500 - Repayment of these loans typically begins two to three months after the student receives the funds. The loan must be paid back within five (5) years at 0% interest. For additional information, please see the Graduate School website.

Contact Person: Dr. Ralph Ferguson, Associate Dean

For additional information and loan application forms, please visit: http://www.depts.ttu.edu/gradschool/gelin.htm
The Graduate School hosted the 7th Annual Donor - Recipient Fellowship Reception on October 4, 2006. There was an excellent turnout of students, Texas Tech faculty and administration, and donors, with approximately 150 in attendance.

This yearly event recognizes donors for making it possible for many graduate students to pursue their Master’s or Doctoral degrees, and also provides an opportunity for the student recipients to express their gratitude.

The following scholarships and fellowships were represented at the reception: American Mexican Friendship - Waterman Scholarship, Cash Family Endowed Fellowship, Elo J. and Olga Urbanovsky Fellowship, Covenant Health and Social Services Fellowship, Helen DeVitt Jones Graduate Fellowship, Helen DeVitt Jones Part-time Graduate Scholarship, James D. and Mary Hazlewood Memorial Fellowships, Preston and Ima Smith Endowed Graduate Scholarship, AT&T/Chancellor’s Fellowship, and Water Conservation Research Scholarship.

Special guests included Judi Blakey, Dr. Jon Furbee, Sister Meg Kopish, Sharon Prather, and Ron Raines representing Covenant Health System; Frank Maldonado, Linda Nolet, and Dale Robles representing AT&T; Jim Arnold and Marianna Markham, representing the Helen Jones Foundation; Robert and Jan Taylor, and Dr. Rob Schmid representing the Preston and Ima Smith Graduate Scholarship; and Joe and Julie Urbanovsky representing the Elo and Olga Urbanovsky Fellowship.

Newly established Helen DeVitt Jones Part-time Graduate Fellowship

This academic year marks the establishment of this first scholarship endowed solely to the needs of part-time graduate students. It is available to new and current, part-time students regardless of area of study.

With more than one-third of our graduate population defined as part-time, this scholarship helps students to be able to have a full-time job, family, and attain their graduate degree part-time.

For more information: http://www.depts.ttu.edu/gradschool/scholarships/Jonesparttime.php.
The Vietnam Center by Victoria Lovelady

In July and August, 2006, a Texas Tech delegation of five graduate students traveled throughout Vietnam and Cambodia to gain a greater understanding of the Vietnam War and the rich culture and heritage of the region. Sponsored by the Vietnam Center, the group was escorted by Steve Maxner, Deputy Director of the Vietnam Center, and Dr. Ron Milam, Assistant Professor in the Department of History. Everywhere the group traveled, government officials, educators, and students received them warmly. In Vietnam, the students visited the US embassy in Hanoi and learned first hand about the work of Foreign Service Officers. They also met with officials at the Joint POW/MIA Accounting Command (JPAC) and gained a much better appreciation of their continuing efforts to locate the remains of Americans still listed...

Smith Scholarship continued from page 3

English speaking students; creating a Governor’s Commission on Human Relations, to promote employment of minorities in state government; promoting the 1st International Trade Office in Mexico, with other offices elsewhere in Latin America; initiating the first comprehensive Drug Abuse Program; establishing the first Commission on Human Relations; starting an Early Childhood Development Program; and establishing the Texas Urban Development Commission.

With her husband in the Governor’s Office, Mrs. Smith became active in improving conditions at prisons and mental institutions. Mrs. Smith was instrumental in having the Lubbock State School built for those with mental illnesses.

After he was governor, the Smiths returned to Lubbock and became active in civic organizations, such as the Rotary Club of Lubbock (he was a Paul Harris Fellow), United Way, Texas Farm Bureau, Salvation Army (he was a director), and, of course, he and Ima were active supporters of Texas Tech University.

In the public arena he worked mightily for the state and especially for this region. For Texas Tech University, he campaigned for the Health Sciences Center, the Medical School, the Nursing School, the Pharmacy school, and our first rate Law school. Governor Smith is one of the few governors who donated his personal papers to his alma mater. Some 850 boxes are used daily by researchers at the Southwest Collection at Texas Tech.

Mrs. Smith passed away in 1998 and Governor Smith passed away in 2003. Their legacy lives on through scholarships such as the Texas Tech University Graduate Scholarship for students pursuing research that is unique to the West Texas region.

(Anonymous Bio from Southwest Collection reference file, with additions by Monte L. Monroe, Archivist, Southwest Collections/Special Collections Library, 2004, and Donna Rogers, Development Officer, Texas Tech University Graduate School, 2005).
as missing in action from the Vietnam War. In Cambodia, Tech students visited the infamous “Killing Fields,” where they viewed the sad legacy of the genocide committed by the Pol Pot regime (1975-1979). Their tour guide recounted how she had lost both of her parents and all of her siblings during those traumatic years. Tech students also participated in a ceremony at the Royal University of Phnom Penh, where forty-five of Cambodia’s poorest college students received their annual scholarship of $125 from Texas Tech University – a modest sum that is enough to support a student (room and board) for a full year!

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**Thesis/Dissertation Workshop scheduled for January 30, 2007**

*provided by Becky Davidson*

Two Thesis and Dissertation Workshops are planned for Tuesday, January 30, 2007, in the TLTC’s Audio/Video Instruction Lab, room 151 of the University Library. The three-hour sessions are scheduled for 9 a.m. until noon, and 1 to 4 p.m. Both thesis and dissertation students are welcome to attend either session. The workshops are limited to 30 students each.

Becky Davidson and Anastasia Coles, Thesis and Dissertation Supervisor and Coordinator, will conduct the workshops. Students are encouraged to bring their thesis and/or dissertation documents on a USB drive for personal formatting assistance. In addition, Becky and Anastasia will demonstrate how to convert documents to .pdf format. Students will be introduced to the ETD web site and shown how to submit final documents to the site.

To sign up for one of the Thesis and Dissertation Workshops, register online at [www.depts.ttu.edu/gradschool/current/workshop.php](http://www.depts.ttu.edu/gradschool/current/workshop.php) or email Becky Davidson (doctoral students) or Anastasia Coles (masters’ students) at becky.davidson@ttu.edu or anastasia.coles@ttu.edu.

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**Senior Graduate Admissions Advisor to present at NAFSA Conference**

Shelby Cearley will co-present a session entitled “Duck, Duck, Deduce: Learn How to Research International Credentials” at the NAFSA: Association of International Education’s Region III conference in Little Rock. The conference is scheduled for November 6-9. She will be co-presenting with Peggy Bell Hendrickson and Ann M. Rahmat from the University of North Texas’ International Studies and Programs office. The session is designed to teach new international admission advisors/evaluators how to use research international educational credentials.
Red to Black - Student Financial Management Program

The September 26th issue of The Chronicle of Higher Education contained an in-depth discussion of the negative impact of student debt on student enrollment. The Red to Black program at Texas Tech has a joint initiative with the Texas Tech University Graduate School to focus on the personal finance needs of graduate and international students. The Graduate School supports two graduate student financial counselors/planners available to assist promising undergraduates in their successful financial transition to graduate school. In addition, current graduate students dealing with debt issues such as those discussed in The Chronicle can have programs presented to their student organizations or to them individually by contacting www.r2b.ttu.edu.

Red to Black offers free financial planning, financial counseling, and presentations on numerous financial topics. Red to Black is staffed by graduate and undergraduate students who are part of the Personal Financial Planning program (www.pfp.ttu.edu). We cover a broad spectrum of financial topics including debt and credit card management, budgeting, loan consolidation, credit reports, employee benefit selection, and retirement planning, just to name a few. Sharla Taylor and Lacey Ledesma are the current graduate assistants for Red to Black. For more information please visit our website at www.r2b.ttu.edu or call to schedule a consultation or a presentation for your group meeting at (806) 742-9781.

International English and Language Testing System (IELTS)

The International English Language Testing Service (IELTS) exam is given in General and Academic versions (called “modules”). The academic version has proved to be an excellent method of determining the English language proficiency of non-native speakers entering undergraduate and graduate programs. The latest version of the IELTS (2004) prompted ETS to revamp its internet-based TOEFL (iBT TOEFL) before the latter debuted in June 2005. Like the iBT TOEFL, the IELTS has four sections (called “bands”): listening, reading, writing, and speaking. Unlike the iBT TOEFL, however, the IELTS speaking section requires the test taker to have a face-to-face interactive dialogue with an IELTS rater, a process which has been argued to be a better indicator of English language speaking proficiency. Test security is guaranteed via the requirement that test takers provide two forms of personal identification. All available psychometric data have consistently indicated that the IELTS band scores are valid and reliable for two years, as are iBT TOEFL scores. Applicants benefit from the IELTS in three principal ways: (a) it is offered at virtually every British embassy/consular office in the world, making it much more available to applicants than the iBT TOEFL; (b) it is offered more frequently than the iBT TOEFL; and (c) the cost of the exam is indexed to each country’s average per capita income, thereby making it significantly less expensive than the fixed-price iBT

continued on top of next page
IELTS continued from previous page

TOEFL, particularly for applicants in developing countries. The Graduate Council approved a proposal by the Graduate School to begin accepting Academic-module IELTS scores this fall, with a 6.5 overall band score minimum requirement and the stipulation that submitted scores be no more than two years old.

Oliver Harrison, internship at Los Alamos
information provided by Dr. Alan Barhorst; photo provided by Oliver Harrison

Oliver Harrison was one of twenty one students from around the nation to be awarded a summer internship at the Los Alamos Dynamics Summer School. This is a program where the students chosen are advanced undergraduates or beginning graduate students. The average grade point of the students is in the 3.7/4.0 range. Each student joins with two colleagues and works on a research project related to structural dynamics or dynamical systems and signal processing. They are mentored by a Los Alamos staff scientist or faculty members from around the country. They enjoy short lectures from prominent faculty from leading universities and lab staff as well as taking tours of facilities at Los Alamos and Sandia National Labs. Oliver was one of two TTU ME students in the 150 hour BS/MS program that were in this program. Luke Mayer was the second student and he will work for Dr. Darryl James for his MS program. Oliver was also awarded the TTU AT&T Chancellor’s Fellowship.

Nilmini Wijeratne, internship at Intel-Arizona
photo and information provided by Dr. Karlene Hoo

Nilmini Wijeratne, a graduate student in Chemical Engineering, was an intern at Fab 12, Intel Corporation, Arizona this past summer. Intel is a global semiconductor manufacturing company with research and manufacturing sites in Arizona. During her internship Ms. Wijeratne interned with the Lithography section. Ms. Wijeratne is a doctoral student of Dr. Karlene A. Hoo.

The dramatic increase in performance in the electronics industry is attributable to innovations in the integrated circuit and packaging fabrication processes. Thus, speed and performance of the chips, their associated packages, and, hence, the computer systems are dictated by the lithographic minimum printable size. Lithography, which replicates a pattern rapidly from chip to chip, wafer to wafer, or substrate to substrate, also determines the throughput and the cost of the electronic systems. A lithographic system includes exposure tool, mask, resist, and all of the processing steps to accomplish a pattern transfer from a mask to a resist and then to the device. Ms. Wijeratne’s work involved multivariate statistical analysis of the measurements of the production process and also assisting in the implementation of test wafer production routes to the automated wafer production system.
Classical and Modern Languages and Literatures

from Dr. Donald Lavigne, Assistant Professor

The Classics MA here at Tech is thriving. The accomplishments of our recent graduates are impressive. Kyle Highful, who wrote an MA thesis on Saint Basil with Dr. David Larmour, has gone on to study early Christianity at Harvard. Sharada Price has received a five-year fellowship in pursuit of a Ph.D. at the University of Iowa, where she will continue her studies of Latin poetry. Timothy Knight and Mathew Underwood have both secured jobs teaching at prep schools on the East Coast. Our current MA students are continuing the high standards of academic achievement set by their former colleagues. Steve Burham has submitted an abstract to the annual meeting of the Classical Association of the Middle West and South on Camus and Suetonius. Finally, Travis Rodgers will be presenting a paper this October at the Florida State Graduate Student Philosophy Conference entitled “Invariance and Evidential Restrictions: An Alternative Bayesian Solution to the Raven Paradox.”

from Dr. Andrew Farley, Associate Professor

The Division of Applied Linguistics within Classical and Modern Languages and Literatures is hosting a graduate student conference called The First Annual Conference on Language Teaching and Learning. The conference will begin at 5pm on Friday, November 3 and continue from 9am-1pm on Saturday, November 4th in the Qualia Room in the CMLL building. Our keynote speaker this year will be Professor Bill VanPatten from University of Illinois at Chicago. Professor VanPatten will address issues within second language acquisition such as (1) What We Know, (2) What We Still Question, and (3) Future Directions for Research. All faculty and graduate students on campus are invited to attend conference sessions.

Tom Cox, 2001, is completing a doctorate in adult education at Texas State University.

Eric Cypert, 2002, is teaching English as a Foreign Language in Japan.

Vu Le Ho, 2006, is starting a doctorate in theoretical linguistics at Georgetown

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English from Dr. Sean Grass, Associate Professor

Toni Jensen, who completed her Ph.D. in English with Creative Writing emphasis in May 2006, has taken a position as an assistant professor of English at Chatham College in Pittsburgh, PA.

Quan Manh Ha, a doctoral student in English, will publish the “Introduction” to Elizabeth I’s Translation of Boethius in the Arizona State University series Medieval and Renaissance Texts and Studies in 2007.
This year, graduate students from the M.A. program in English were admitted to doctoral studies at Purdue University, Syracuse University, the University of Kansas, and Oklahoma State University. Former M.A. student Kelly Wisecup, now a doctoral student in English at the University of Maryland, has been named a finalist for the prestigious Delores Zohrab Leibmann Fellowship.

Marco Dominguez, a doctoral student in English and the president of the Graduate English Society, has published poems recently in the journals Willow Springs, the South Dakota Review, and the Indiana Review.


Matthew David Jordan and Ashlee Winkler Brown
Poster: The Use of Child Drawings in Family Therapy

Nenetzin A. Reyes and Kyung Hee Lee
Poster: Ethnicity: Parenting Behaviors and Adolescent Outcomes

Jason Northrup
Poster: Identity Formation in Latino/Anglo American Adolescents

Carmen Aguirre and Nenetzin A. Reyes
Poster: Interventions: Overcoming Participant and Community Barriers

Brandy M. Lucas
Poster: Understanding Attachment with Foster Children and Parents

Damon L. Rappleyea
Poster: Therapist Recognition and Response to Domestic Violence: A Content Analysis

Adam C. Munk and Damon L. Rappleyea
Poster: A Narrative Approach to Adolescent Anger Management

Stephanie A. Haygood
Poster: Predicting Parental Distress: Child vs. Parent Variables
I received my B.S. in Mechanical Engineering at Texas Tech in December 2002. I immediately went to graduate school and received my M.S. in Mechanical Engineering in December 2004. My graduate advisor was Dr. Alan Barhorst. The subject of my research and title of my thesis was “Modeling and Experimental Verification of Frictional Contact-Impact In Loose-Bolted Joint Elastic Structures.” This project was funded by the Air Force Office of Scientific Research. While in graduate school at Tech I was encouraged by Dr. Barhorst and others to pursue a summer internship at Sandia National Laboratories in Albuquerque, NM. Sandia is one of 3 Department of Energy nuclear weapons laboratories and one of the top research facilities in the country. After having a great experience during the summer 2003 at Sandia, I pursued a full time position and was hired in the Penetration Technology group in August 2004. We research the physics of impact dynamics and earth penetration as well as enabling technologies that provide support to our nuclear weapons stockpile and militaries’ conventional weapons. These weapons are most commonly referred to throughout the media as “Bunker Buster’s.” I have been at Sandia almost 2 years now and thoroughly enjoy my work as I did my experience as a graduate student at Texas Tech. The faculty and students at Tech made my experience very memorable.