

inside
this
issue

PHP Students
Participate in Research
Over the Summer



ALUMNI NOTES

Dr. Punch Shaw
Visits Campus



Presidential Honors Program Accepts Nineteen New Students

Nineteen new Presidential Honors Scholars entered the program this semester. Three of them were high school valedictorians, one a salutatorian, and their average high school class rank is the top seven percent. Their average ACT score is 29, and their average SAT score is 1274. Five had SAT scores over 1300.

Presidential Honors Program Reaches All-Time High

Back in the fall of 1996, there were 30 students in the Presidential Honors Program, and the scholarship was \$2,500. At that time, Dr. McCabe asked the director of the program, Dr. Clifford, to increase the size of the program without sacrificing quality, and he pledged to increase the size of the scholarship to keep up with the increasing costs of tuition and fees. This fall there are 54 students in the Presidential Honors Program, the largest number ever, and the average test scores and class rank have remained very close to constant during this period of rapid growth. During this same period, the scholarship amount, has been increased from \$2,500 to \$5,000, which means that the Presidential Honors Program will give out \$270,000 in scholarships this academic year.



Alyssa Adkins, a Pre-Med major from Abilene; Kelly Anderson, a Psychology major from Hurst; Ashley Burnham, an Animal Science major from Graham; Matthew Gilbert, an Engineering Physics major from Tomball; Laura Corbin, a Pre-Medical major from Hico; Kellie Dodson, a Pre-Vet major from Snyder; Heather Gamblin, an Interdisciplinary Studies major from Bangs; Tara Clary, a Pre-Dental major from Evant; Alyssa Hardy, a Communications major from Fort Worth; Kimberly McGlothlin, a Clinical Lab Science major from

Tolar; Lindsay Wilson, a Communications major from Montgomery; Stephen Myers, an Engineering Physics major from Mineral Wells; Amanda Odiorne, a Nursing major from Alvarado; Stephanie Rhodes, a Nursing major from Fort Worth; Marlow Robitaille, a Pre-Med major from Stephenville; Marie Skaggs, a Nursing major from Southlake; Stephanie Wilhelm, an Agribusiness major from Denton; Megan Williams from Cedar Hill; and Chance Mooney, an Aerospace Engineering major from Blanket.

PHP STUDENTS ENJOY EDUCATIONAL EXPERIENCES

Julie Allen
Nursing

This summer I enjoyed a once-in-a-lifetime experience. I participated in the Summer III nursing internship program at the Mayo Clinic Foundation in Rochester, Minnesota. The Mayo Foundation is a world-renowned medical facility whose mission is to “provide the best care to every patient every day through integrated clinical practice, education, and research.” The nursing department at the Mayo Foundation has achieved Magnet status, the highly coveted, highest award in the nursing profession. The department’s vision is to “provide the best nursing care in the world.”

The Summer III nursing internship program is part of the foundation’s dedication to education. One hundred sixty nursing students were selected to participate from 37 states, Canada, and several foreign countries. Each participant went through a rigorous application process that examined academic and clinical achievements, community participation, and letters of evaluation from instructors. This process was designed to ensure the highest quality of participants for the program. The program lasted 10 weeks and offered students the employment/educational opportunity to be in direct acute nursing care in Mayo Clinic hospitals.

The Summer III experience has been invaluable to me. I enjoyed working indirectly with the highest quality

nursing and medical staff. Each member of the health care team treated me with respect and considered me a valuable part of the team. I was able to gain proficiency in simple skills such as bed making and patient ambulation and in very complex procedures such as wound dressings and sterile PICC site care. The clients that come to Mayo hospitals are often sent from others hospitals when they are unable to help them. Therefore these patients are usually the sickest of the sick. I worked on the gynecological surgery floor. My patients had undergone surgery either to explore the status of or to remove many of their abdominal organs, due to various forms of cancer. Many had already experienced chemo and radiation and were very compromised in

their conditions. I was able to learn how to care for my patient’s physical, emotional, and spiritual needs through preceptors’ instruction and hands-on experience, increasing the quality of care I was able to deliver throughout my internship.

I feel that my Mayo Summer III nursing internship will enhance my job prospects once I graduate. But more importantly, I know that it will make me a better nurse. Perhaps the greatest compliment and satisfaction I received was from one of my preceptors. As I was saying goodbye to everyone at the end of the summer, she said to me, “You are going to be a really good nurse. No, you already ARE a really good nurse.” Her comment made me realize that my summer had been very well spent.



Julie Allen with Stephanie Goldman, a nursing student from Laramie, Wyoming, pictured with their preceptors at the Mayo Clinic.

Joseph Gilbert
Engineering Physics

After spending the summer working on particle physics research with physics professor Dr. Daniel Marble, I had the opportunity to visit the Naval Surface Warfare Center – Carderock Division in West Bethesda, Maryland. The NSWCCD site performs research

ranging from explosives to creating anti-corrosive coatings for ship hulls, to developing new methods for the doping of semiconductors.

During this week-and-a-half-long stay, I worked primarily with Dr. Jack Price and visiting professor Dr. Mike Pravica to analyze thin film com-

positions and to dope Gallium Nitride semiconductors. The weekends provided me with time to see the sights of Washington, D.C. — this was my first time in the area. The knowledge I gained with this experience is now being used for further research at TSU.

EDUCATIONAL EXPERIENCES, CON'D

Kelli Wakefield
Geoscience

The Lunar and Planetary Institute hosts a group of undergraduate interns every summer and I was fortunate enough to participate this year. There were 12 interns that worked at the Lunar and Planetary Institute or the NASA Johnson Space Center. I was at JSC and worked with Dr. Donald Bogard, who is well known and well respected in the field of Meteoritics and Planetary Science.

For my project, I used argon isotope data from 20 cumulate and unbrecciated eucrites in order to compare this subset of eucrites with the CRE ages of brecciated eucrites in an attempt to verify a common parent body, 4-Vesta, and then define a separate impact on the parent body. With this data I calculated the Cosmic Ray Exposure Age, which is the time between being ejected from the parent body and entrance into Earth's atmosphere. I also found the concentration of chlorine, which is a volatile element in eucrites. Results of the study indicate that the cumulate



Kelli Wakefield and the other interns during a tour of the Lunar Lab. The rocks at the bottom of the picture are from the moon.

and unbrecciated eucrites are indeed from 4-Vesta and share a similar impact history.

Other than our research, we also had opportunities to learn about different aspects of planetary science. LPI hosted Brown Bag lunches with speakers presenting on a wide variety of subjects. We also had the opportunity to attend meetings at JSC,

including a speech from NASA Administrator Sean O'Keefe. We also experienced Houston weather at its best since we ended up at the north end of Hurricane Claudette. I am planning on presenting a poster of my research at the Lunar and Planetary Science Conference hosted by LPI in Houston during the week of Spring Break.

Joseph Gilbert
Engineering Physics

Evan Stenmark and I performed particle physics research at Tarleton this summer. We worked with physics professor Dr. Daniel Marble to finish setting up and calibrating Tarleton's 1 MeV linear Van DeGraff particle accelerator which is utilized for Rutherford Backscattering Spectrometry of magnetic and electronic film. This analysis technique will be used in collaborative efforts between TSU and Texas Instruments, the California Institute of Technology, Texas State University (formerly Southwest Texas State University), the United States Military Academy, and the

Army Research Laboratory. Evan and I also worked with Dr. Marble to design an improved Nuclear Reaction Analysis (NRA) detection system for high sensitivity profiling of light impurity elements. This new system will be a unique addition to Tarleton's ion beam analysis capabilities.



Joseph Gilbert and Evan Stenmark doing research in Tarleton's Engineering lab.

ALUMNI NOTES

1989 - 1990

Lori Hicks ('89, English) is a stay-at-home mother of three girls - Joni (9), Kailey (6), Molly (14 months). Lori also does some bookkeeping for her mother's store.

Jennifer (Stuart) Tiller ('89, English) worked in medical administration from 1989 to 1997. She was the outstanding graduate with a degree in pediatric nursing at the University of Texas, Austin in May 2001.

Scott Walker ('89, Music) owns Alliance Medical & Oxygen in Granbury.

Laurie (Harvison) Barker ('90, Physical Education) is the pastor at the First Presbyterian Church in Junction, Texas.

Monica Henderson ('90, Math) is the membership development director at the Tejas Girl Scout Council.

James Parkey ('90, Biology) completed his medical degree at the University of Texas Medical Branch at Galveston in May of 1994.

1991 - 1992

Natalie (Adcock) Boyd ('91, English) completed her masters in English at the University of Alaska in Anchorage in 1997. She is currently staying at home with her 3-months-old daughter, and does voiceover and research consulting occasionally.

Toni Rhodes ('91, Accounting) is a programmer analyst in the Department of Information Resources at TSU.

Kimberly (Kraatz) Wilson ('91, English) completed her law degree at the University of Texas School of Law in 1996 and is currently practicing law in Stephenville.

Noble Acuff ('92, English) runs a consulting company in Los Angeles "that provides leading-edge technology consulting to clients all over the US."

Visit his website at <http://acufftechnologies.com/about.php>.

David Bixler ('92, Physics) received his Ph.D. in physics from Rice University in 1998. He is currently a physics professor at Angelo State University.

Amy (Landry) Kaarlela ('92, Hydrology & Water Resources) is currently a stay-at-home mom with 2 girls (Beth, 2 and Jill, 11 mos.).

Lisa Lopez-Camarrillo ('92, Biology) received her medical degree from Texas A&M and did her residency at Scott and White in Temple. She is currently a surgical pathologist and assistant residency program director in anatomic pathology.

1993 - 1994

Monty Ray ('93, Computer Information Systems) received his MBA from Northeastern University in Boston. He currently works for GE Electromaterials in Coshocton, Ohio.

Brent Rosenquist ('93, Chemistry) worked for over 5 years for a small silicon-valley company (www.aurigin.com). He was one of the key software architects, a development lead and a hands-on developer for the Aureka line product. Brent currently works as a computer scientist for Adobe Systems Inc. (www.adobe.com). He worked on the WebCapture features of Acrobat 6.0.

Mark Washington ('93, Human Resources Management) received his MBA from Amber University in Garland, TX. Currently, he is the Human Resource Manager of Compensation and Benefits for the City of Fort Worth and he is attending Southwestern Theological Seminary in Fort Worth where he will receive his M.A. in ministry in the fall of 2003.

Rhett Guthrie ('94, Math) received his M.S. in mathematics from North Carolina State University. He is the founder and president of byteCrafters, a full-service software technology consultancy. He is also the co-author of the Java 2 Performance and Idiom Guide, one of the first books to be published on the topic of Java performance. Visit his website at <http://bytecrafters.com>

Kevin Hunt ('94, Chemistry) will finish his Ph.D. in organic chemistry at Indiana University in the spring of 2000.

Amy (Neeb) Norman ('94, Speech) teaches speech and debate at Midlothian High School.

Dawn Sand ('94, Animal Science) is the human resources director with First Data Resources, the largest division of First Data Corporation, in Omaha, Nebraska.

Michael Waid ('94, Computer Information Systems) is the associate systems engineer at Quality Systems Incorporated in Fairfax, Virginia.

1995 - 1996

Wayne Keith ('95, Physics) received his M.S. in space physics from Rice in 1999. He completed his Ph.D. there in May of 2001. He is currently working at NASA Goddard Space Flight Center as a Research Associate of the National Research Council.

Visit his website at <http://www.keithfamily.net/wayne>

Deirdra Dufault ('96, Biology) is the Science Department Head at Oak Run School in New Braunfels, TX. She is currently working on her MS in Biology at SWT. Visit her website at <http://fc.newbraunfels.txed.net/~ddufault>.

ALUMNI NOTES

2001 - 2003

Kristi (Slaughter) Boyd ('01, Math) has been married for a year, starting her third year at Flower Mound High School where she is geometry lead teacher. Kristi's husband is attending Westminster Seminary where he is earning his M.A.R.

Nathan Lesley ('01, Animal Biology) is studying medicine at Texas Tech University Health Science Center School of Medicine.

Jlyyce (Venable) Staples ('01, Music) is the Junior High and High School choir director at Grandview.

John Hughes ('02, Psychology/Spanish) is going to attend seminary at Perkins School of Theology at SMU in Fall '04.

Jason Mogonye ('02, Animal Biology) is studying medicine at Texas Tech University Health Science Center School of Medicine.

Cheryl Beeler ('03, Psychology) is taking graduate courses at TSU while working as an RA and applying to Ph.D. programs at several Texas universities.

Nikki (Harris) Groth ('03, Interdisciplinary Studies) is teaching first grade at Eastridge Elementary in Red Oak ISD.

Patricia Henley ('03, Agricultural Services & Development) is attending graduate school at TSU.

Desiree Beauchamp ('03, History/English) and **Johnathan Jones** ('03, Music) were married in the summer of 2003. They are moving to Pennsylvania where Desiree will be attending Penn State doing graduate work in women's studies and English or History and Johnathan will be attending graduate school at Penn State in music theory and history.

Mason Kuettel ('03, Math) is teaching math at the new ninth grade center in Weatherford and coaching girls' volleyball and girls' soccer.

Emmeken Otte ('03, Animal Biology/Chemistry) is studying medicine at Texas A&M medical school.

Liana Stone ('03, Music) is attending graduate school at Southern Methodist University studying Piano Pedagogy and Piano Performance.

1997 - 1998

Crystell (Anz) Billman ('97, Animal Biology) studied dentistry at the University of Texas at San Antonio. She is currently practicing at Brazos Family Dentistry in Waco, TX. Visit her website at <http://www.ident.ws/sites/drossbillman/home.jsp?c=Home>.

Heather Wright ('97, Animal Science) graduated from Palmer Chiropractic College, the oldest chiropractic school in the world. She is opening her own chiropractic clinic in Weatherford. Also, she writes a regular column on chiropractic medicine and "alternative care" in the Weatherford Democrat.

Keith Ballentine ('98, Chemistry/Math) married Amanda Gode and graduated from UT-Austin with a master's in Theoretical Chemistry. He currently teaches math and taekwondo at a charter high school in downtown Austin and tutors at Sylvan Learning Center.

Adam Smith ('98, Accounting/English) was recently promoted to Manager at KPMG, an international accounting firm (one of the "Big Four"). He works in the audit/assurance practice.

1999 - 2000

Trina (Thompson) Geye ('99, Psychology) received her M.S. in Counseling Psychology in August of 2002. She is the Executive Director of CASA for the Cross Timbers Area, Inc., which is a non-profit organization that trains and supervises community volunteers to advocate for victims of child abuse throughout their experience with the child welfare system.

Joelle (Naccache) Ogletree ('99, English) has taught English and French at Glen Rose High School and is working on her master's in English at Tarleton.

Amber Dawson ('00, Animal Biology) is studying medicine at University of Texas Southwestern Medical Center in Dallas.

Charles Manning ('00, Chemistry) is finishing his Ph.D. in Chemistry at Texas Tech while **Dana (Harris) Manning** ('00, Biology) is starting her last year of physical therapy school at Texas Tech.

Angela (Stahlecker) Roberson ('00, Biology) teaches 7-12 grade science at Gustine ISD.

Julie Seifert ('00, Math) teaches math at Creekview High School in Carrollton. She is currently working on her master's in mathematics at Texas A&M.

Esther (Allen) White ('00, Dietetics) is completing her dietetic internship to become a registered dietician and will graduate with a masters in nutrition in May of 2002 from Texas Woman's University.

WE NEED YOUR HELP!

We have several graduates that we have not been able to reach. If you know how to contact anyone who is not listed above, please let us know.
cryer@tarleton.edu or 254-968-1926.

NEWS

PHP STUDENTS REALLY SHINE WITH 4.0 GPA



Amanda Baulch, Elizabeth Bolden, Erika Dean, Joseph Gilbert, Krissy Guess, Mica Hassler, Kallen Hayes, Adelaide Odoteye, Kimberly Oosten, Leslie Raddatz, Jonathan Schneider, Evan Stenmark, Eileen Stock, Ben Swaim, and Ileana Zea all received a 4.0 for the Spring of 2003. Congratulations and keep up the good work!

8 PHP STUDENTS GRADUATE IN MAY, 2 IN AUGUST



Desiree Beauchamp, Nikki Groth, Patricia Henley, Johnathan Jones, Mason Kuettel, Sabina Landeros, Emekken Otte, and Liana Stone graduated In May of 2003. Cheryl Beeler and Laura Clark graduated in August of 2003. Congratulations graduates! Good luck in whatever you choose to do.

News Briefs

MEET THE MUSIC GETS
UNDER WAY SOON

The Presidential Honors Program will once again be sponsoring the Meet the Music series at Borders Books & Music on South Hulen in Fort Worth. These lectures are on classical music and are presented by Presidential Honors Scholars Visiting Scholar for the Arts, Punch Shaw. The lectures are generally on the second Tuesday of every month, September through June. A schedule is posted on our website, <http://www.tarleton.edu/~honors> or call 254-968-1926.

VISITING SCHOLARS
LECTURE SERIES
FOR SPRING 2004

Joe Holley—Visiting Scholar in Journalism and Political Commentary
Dr. Richard T. Hull—Visiting Scholar in Medical Ethics and the Ethics of Scientific Research

For details visit:
<http://www.tarleton.edu/~honors>

PHP STUDENTS
ENJOY AFTERNOON
AT THE OPERA

In conjunction with the recent visit by PHP Visiting Scholar Dr. Punch Shaw, PHP sent 28 students to the Sunday performance of Verdi's *Rigoletto* by the Fort Worth Opera. During his visit to campus, Dr. Shaw gave a preview of Verdi's tragic opera. Eighty additional students—music majors and students enrolled in music classes—attended the dress rehearsal on the previous Wednesday.

Visiting Scholars Program Begins 2nd Year



Punch Shaw during his public lecture on September 8, 2003.

The Presidential Honors Visiting Scholars Program begins its second year. The first event this year, co-sponsored by the Ultra Club, featured Dr. Punch Shaw, art and music critic, who spent two days on campus (September 8 and 9) talking about the arts and arts criticism. Dr. Shaw gave guest lectures in music, art, and journalism classes; a preview of the upcoming classical music season in Fort Worth and Dallas, including a special preview of the Fort Worth Opera's production of Verdi's *Rigoletto*; and a lecture on "The Art Museums of Fort Worth" in the Honors DGS class. Later in the semester Dr. Shaw will conduct a workshop on art appreciation at the Kimbell and Amon Carter Art Museums in Fort Worth.



PHP students at Bass Hall for a performance of Verdi's Rigoletto.



PHP and HDP members who wish to contribute ideas, stories, or insight to the newsletter, contact Dr. Craig Clifford at cliffor@tarleton.edu

Aretē

Aretē is the classical Greek word for “excellence” or “virtue.”

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“The good of a human being is activity of the soul in accord with excellence [*aretē*].”
-Aristotle, *Nicomachean Ethics*