Start Your Engines
Tim Snider, ’79, engineers a coup for NAU’s new laboratory

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Chocolate, Love ... and Philanthropy?

“The warm glow that many donors get from giving philanthropically involves the same brain mechanisms that evoke pleasurable sensations after sex, eating good food and using heroin or other drugs.”
—National Institute of Neurological Disorders and Stroke

There it is, in black and white. As if NAU’s student-centered approach to learning, reputation for small classes and personal attention, nationally recognized academic programs, and distance learning were not enough to motivate our alumni and friends to support this fine institution, now scientists have validated the emotional, biochemical basis for giving.

“To examine the interplay of self-interest and altruistic behavior, [the study charted] the brain activity of 19 men and women, each of whom was given $128 and asked to make choices about whether to keep the money for themselves or to give some or all of it to charity,” said Dr. Jorge Moll, the lead researcher of the study, concluding, “Many people think they should not do anything for others unless it has a material benefit for themselves. But our brains show that you profit emotionally from doing so. Something in our brains shaped by evolution allows us to feel joy when we do good things. It is a biological force and we should not ignore it!”

Throughout this edition of PINE Progress you’ll read about the important impact private gifts have for NAU. If altruism translates to good feeling, imagine the thrill Tim and Rhonda Snider must have felt when they decided to support our efforts to equip the new science laboratory building with cutting-edge modern equipment. Similarly, members of the Lumberjack Athletic Association may find themselves inspired to new random acts of kindness when they realize that their membership gifts have made such a difference in the life of student Lopez Lomong.

You will also read about the measurable progress NAU is making in achieving our mission to provide an outstanding undergraduate residential education strengthened by important research, graduate and professional programs, and sophisticated methods of distance delivery. The building boom that we tracked in last summer’s PINE Progress continues on the Flagstaff campus and is spreading south to our Yuma campus. We are seeking a “healthy” expansion of our health professions offerings and we are developing a prominent presence in the Valley of the Sun. With strong endorsement from the Arizona Board of Regents and continuing support from the state Legislature, NAU is a university on the move, recognized locally, statewide and across the nation for its excellence.

You may not realize that private gifts are essential for NAU to achieve its goals and enhance its reputation as a leading university. Gifts, when layered with tuition, state support and government grants, can make all the difference in sponsoring guest lecturers, sending a student to present at a conference, jump-starting the faculty’s use of a new technology, and outfitting a laboratory with new equipment. With your contributions we can transform good programs into great programs, and great programs into magnets for international recognition.

Molly Williams
Vice President, University Advancement
President, NAU Foundation

GOT NEWS? We want to hear about it, and so do your classmates. Maybe you ran from Marathon to Athens or mounted your million-dollar on the wall or finally got your 3-month-old baby to sleep. Give us details and we’ll gladly publish your news in an upcoming issue of PINE. E-mail your updates to Anne.Walden@nau.edu or send them to PINE, NAU Office of Alumni Relations, P.O. Box 6034, Flagstaff, AZ 86011-6034. The best way for us to engage you in the life of NAU is to hear your story, so write today.
Opportunity abounds for Northern Arizona University as we progress through another busy summer on the Mountain Campus and throughout the state.

Members of the university community have worked tirelessly for two years to create a self-study document—a “snapshot” of where NAU stands as a university—for a visit this fall by the Higher Learning Commission of the North Central Association of Colleges and Schools.

The visit is part of the university’s accreditation process, which occurs every 10 years as a way of ensuring that the university is meeting the high expectations outlined by the accrediting agency.

Watch for upcoming publications and activities to explain the process and what it means to university alumni.

Home for Health Care

At the same time, NAU is seizing the opportunity to take the lead in training students for careers in the health professions. We are answering a call from the governor, the Legislature, the Arizona Board of Regents and the citizens of the state to step up and address a critical shortage of health care professionals that is not being met by any other public institution in the state.

This is an exciting programming opportunity for the university.

According to the U.S. Department of Commerce, the number of annual graduates from current Arizona programs in health care fields is falling short of Arizona’s demand by as much as 86 percent.

Just last year, the university had to turn away more than 500 students because of lack of space in existing health professions programs.

In response to this obvious need, NAU is creating a new College of Health and Human Services. This new college will include the existing schools of Nursing and Health Professions. Also, NAU is planning for the expansion of existing nursing programs in Tucson, Prescott and Yuma, as well as our physical therapy program in Flagstaff and Phoenix; and we will bring our dental hygiene completion program to Phoenix. We continue to explore new programs the university can initiate that will benefit the citizens of the state.

We are answering a call from the governor, the Legislature, the Arizona Board of Regents and the citizens of the state to step up and address a critical shortage of health care professionals that is not being met by any other public institution in the state.
For example, in this year’s State of the State address, Gov. Janet Napolitano voiced her support for adding health professions programs to the developing academic medical complex in Phoenix. NAU’s programs will be part of this initiative.

There is a tremendous need for health care professionals in a state with a burgeoning population. This creates extraordinary opportunity for the university. It requires us to be flexible and responsive to the emerging needs of the state. NAU stands ready to heed the call and become the go-to institution for students who want a career in the health professions.

**Distance Learning**

Nursing and health professions aren’t the only areas that are thriving and growing. To further commit to the governor and Legislature’s requests for accessible, affordable higher education, NAU plans to increase Distance Learning programs across the state.

After talking to residents and potential students, we hope to offer additional programs in Yuma and Prescott, where we have already committed additional staffing. And soon we will open a new facility near north Interstate 17 in Phoenix, where some of our health professions programs will be housed.

In the Valley, look for a new accelerated bachelor’s degree in interdisciplinary studies. Designed specifically for working adults, it will be offered one night a week and on weekends. We also will offer a bachelor’s in speech communication, as well as a master’s in both school counseling and community counseling.

Soon, we will also address one of the governor’s priorities by offering a bachelor’s in early childhood education to prepare new teachers for pre-kindergarten through third grade.

For all of our wonderful progress we are indebted to the strong support we’ve received from the governor, the Legislature, the Arizona Board of Regents and, of course, our alumni. Your dedication to our university has aided our efforts immeasurably. We look forward to your ongoing support for your alma mater.

I thank you for making NAU the premier undergraduate institution in the state and in the West.

Dr. John D. Haeger
President, NAU
Day in the life

8:00 a.m. Meet prof for coffee at Late for the Train and go over wording in Letter of Agreement for the scholarship award he helped bring in; see if he has made progress on arranging dinner with a potential major donor in April.

9:15 a.m. Office. Check emails, phone messages and tickler file. Return priority emails and phone messages.

9:45 a.m. Phone appointment with scholarship donor in New York City whom I will visit in March. She and her husband are ’36 and ’41 alums, and the endowment they established needs to be updated because of curriculum changes. She would also like to discuss an additional planned gift.

10:00 a.m. Phone NAU director of gift planning to discuss above-mentioned donor’s wishes. Arrange to pick up Heritage Society pin for donor before NYC trip.

10:15 a.m. Alumni office. Look over final RSVP list and drop off chocolates I bought in Santa Fe for tonight’s Scottsdale reception (Santa Fe has the best chocolates this side of the Rockies).

10:45 a.m. Phone and email check.

11:00 a.m. Pick up the university car in which the dean and I will drive to Sedona.

11:15 a.m. En route, discuss purpose of today’s Sedona donor lunch with the dean—an exhibition the donor would like to bring to the NAU Art Museum. Donor is enthusiastic and has ideas about funding and corporate connections.

12:15 p.m. Lunch with donor in Oak Creek Village. Tight schedule!

1:30 p.m. Drive to Scottsdale for meeting with alumna and member of the College of Arts & Letters (CAL) Advisory Council, who has offered her home for a possible reception.

2:30 p.m. Sunset Point. Gorgeous spring day—too bad the saguaros aren’t blooming yet.

3:30 p.m. Tour lovely renovations at alumna’s home in Scottsdale and have a conversation about how she might interact with students the next time she’s in Flagstaff. Remember to congratulate her on her recent awards!

4:30 p.m. Drive to hotel, change clothes for reception and check emails.

5:30 p.m. Lovely reception at a private home overlooking Paradise Valley Golf Course. Our amazing hosts are donors to programs in the CAL. One hundred percent event attendance. Introduce new dean and director of the School of Music. Singers from the Men’s Chorale perform a concert preview. Perfect acoustics. Two of our newest Advisory Council members also have a great time. The alumni office did a super job, as always.

7:00 p.m. Get folks out the door for concert. Rather like herding cats; people are having a really good time and there is still chocolate left.

7:30 p.m. NAU Men’s and Women’s Chorales present outstanding program at a nearby church; sanctuary almost full with parents and friends. Taking our program “on the road” works beautifully—way to go, School of Music!

10:30 p.m. Hotel. Check emails (OK, I’m addicted). Set alarm for 6 a.m. for 7:30 breakfast with NAU alum. Day was a huge success—I can sleep well tonight! ♫

Marjorie Kamine is one of NAU’s most spirited cheerleaders, raising funds and rallying troops as Development Officer for the College of Arts and Letters.

For information on giving to the NAU Fund, visit naualumni.com/giving.

Photography by Michael Mertz
For Andrea Martinez, attending a traditional college campus was not an option. Andrea wanted to be a teacher in her hometown of Casa Grande, but with a full-time job and family her goal seemed impossible. Then she learned about Northern Arizona University’s Distance Learning programs, and her goal suddenly became achievable.

Andrea joins an increasing number of students juggling finances, employment and family obligations that keep them rooted in their communities. In those cases, NAU makes a house call to the student by providing access to higher education degree opportunities that might otherwise be unavailable.

NAU is responding to the state’s increasing demand for an educated population quickly and efficiently. The university now maintains 37 sites around the state that include classrooms, lab facilities and interactive television capabilities for connecting students in myriad locations. All these solutions are grounded in NAU’s principles of quality, personal attention and service. With over 90 current programs (and more to come), NAU’s Distance Learning student population now accounts for one-third of all enrollments.

“Expand on Demand,” a market-driven principle, allows the university to adapt quickly to ever-changing student and community needs. This new paradigm also ensures the university is investing in communities as the need for higher education increases by establishing campuses, centers and sites that reflect the growth of Arizona’s population, which is expected to increase 14.9 percent by 2009.

With new facilities in Phoenix and Tucson, enhanced partnerships with community colleges and long-standing stewardship initiatives at the community level, NAU is well positioned to serve the growing need for an educated population statewide.

So, while some colleges focus on “one-size-fits-all,” NAU’s entrepreneurial approach to Distance Learning combines high-tech with high-touch to help students achieve academic success while educating Arizona’s workforce and assuring growth and long-term viability in an increasingly dynamic environment.

“I want to give back to my community. Northern Arizona University made it possible for me to get my degree here in Casa Grande. It’s all right there for you—you don’t have to travel far.”
—College of Education student Andrea Martinez, Casa Grande

An NAU advertising campaign informs current and potential students about the various educational sites and opportunities available throughout the state.
New Site on the Block

The newest NAU campus, at Interstate 17 and Greenway Road in Phoenix, combines a tradition of our bedrock teaching philosophy with cutting-edge implementation to provide access, quality and value to students throughout the Phoenix area. This facility opens Aug. 1 and includes state-of-the-art classrooms, labs and student support services to ensure success. Watch for updates.
“My donation will help provide the tools for a quality education for engineers and scientists of the future.”

Tim Snider, ’79

Making

CENS
The College of Engineering and Natural Sciences unwraps a huge house-warming gift

estled in an oasis of treasured north campus land between Bury Hall and Physical Sciences, the new Science Laboratory building is a tribute to both 21st-century architecture and cutting-edge technology. So why would it make sense to install 20-year-old Bunsen burners?

Admittedly, we exaggerate for effect. But thanks to NAU alumnus Tim Snider, ’79 B.S., the yawning gulf between old and new gear is not a problem. Because of his generous gift to the College of Engineering and Natural Sciences (CENS), decades-old equipment will be replaced with state-of-the-art staples for upper-division lab courses and organic chemistry—a gas chromatograph-mass spectrometer with a thermal conductivity detector, and new microscopes for the microbiology laboratories.

Snider, the president and chief operating officer of Freeport-McMoRan Copper & Gold Inc. (FCX), an international mining industry leader, says his contribution is poised to benefit the university for years to come.

“My donation will help provide the tools for a quality education for engineers and scientists of the future,” he says, adding, “I have always been impressed with NAU’s dedication to undergraduate education—and CENS’ focus on delivering well-trained engineers and scientists to the world.”

According to CENS Dean Laura Huenneke, Tim’s gift also fulfills the new building’s exciting potential. “In several key lab classes and shared facilities, we’ll now have this terrific new equipment,” Dean Huenneke says. “For instance, the Chemistry Advanced Instrumentation Laboratory is used not only by chemistry majors in advanced classes, but also by students doing undergraduate research from other chemistry classes, biology, geology and environmental sciences. We’re very proud of bringing so many undergraduates into this research experience and providing them with shared facilities so they can receive the best possible introduction to modern science.”

Tim’s gift, which is the largest by an alum in the first few years of CENS’ existence, has a strong practical impact for the students’ futures, as well.

“Our students absolutely need to be familiar with these modern devices in order to be competitive in the workplace,” says CENS development officer Bonnie O’Donnell.

“Tim has been very influential as a member of the college’s Leadership Council,” says Dean Huenneke, “giving us many useful insights into what should be our highest priorities. He also wants to send a message to other alumni about envisioning the difference we can make as individuals.”

The lobby of the Science Laboratory building. Above: Brandon Doss unwraps a Varian Cary 50MPR UV-VIS Spectrometer, one of the pieces of high-tech equipment resulting from Tim Snider’s contribution.

Tool Time

According to Brandon Doss, NAU Chemistry and Biochemistry’s Instrument Shop supervisor, the gas chromatograph-mass spectrometer is a standard analytical tool used in academic and industry settings, with numerous applications in chemistry labs, environmental analysis, pharmaceutical companies and other scientific arenas. The gas chromatograph-thermal conductivity detector is a “workhorse” instrument in organic chemistry labs, analyzing the purity of different components and useful in ID confirmation.
March 10 was just another normal day for NAU sophomore Lopez Lomong. Running in the men’s 3,000-meter race in Fayetteville, Ark., Lomong set another record, clocking 7:49.74 and notching another national championship for NAU’s most successful athletic program. But if it weren’t for the many opportunities afforded him by his athletic scholarship, this benchmark performance might never have happened.

Lomong is the first to thank NAU for opening doors.

“I am the only one in my family to go to college. It is so great to be able to just run and go to school,” says Lomong, a hotel and restaurant management major. “If I didn’t have a scholarship, I would not be here doing what I love.”

A Rough Road

This young man’s path is difficult for most of us to imagine. Born in Sudan, he was kidnapped by rebel soldiers at age 6. After risking his life to escape, Lomong spent 10 years in a refugee camp and virtually raised himself. He is one of the 3,500 original Lost Boys of Sudan, whose tribulations have been famously documented in books, film and on TV.

Then fate took a hand and pushed hard: adopted by a couple in Tully, N.Y., Lomong was introduced to the sport of running, excelling throughout his prep career at Tully High School. He attended Norfolk State University for a year before a friend told him about Flagstaff. NAU distance coach John Hayes was deeply impressed with the transfer student.

“He’s a really hard worker and a really good person,” Hayes says. “He brought what I thought was the drive to succeed on both the academic and the athletic level.”

He Just Did It

Lomong has steadily encroached on NAU’s record books. He now holds historic times in the outdoor 800 meters, indoor 800 meters, indoor mile and indoor 3,000 meters, and has garnered three All-American honors in cross country and outdoor and indoor track. After winning three Big Sky titles in February, Lomong dominantly answered the call of the final lap to capture the NCAA championship.

“At 200 meters to go, that’s my race,” he had predicted.

Says Hayes, “He timed his kick perfectly. He felt great the whole race and there was no way they were going to take that out of him. It was amazing.”
After clinching the victory, Lomong lay down on the track he had just conquered. Then, rising as a newly crowned champion, he blew kisses to a group of supporters in the stands.

“It was great to look up and see my parents and coaches,” he says. “Having them here gave me a lot of confidence. That was my goal—to bring the championship home to Flagstaff, where it belongs.”

Lomong’s winning 3,000 meters was only his second race of that distance, the first coming a month earlier on the same Arkansas track. In his first effort, Lomong broke a record that had stood since 1971, before besting that mark once again for the national championship.

“Every time I step on the starting line I thank God for protecting my family and me,” says Lomong. “I’m doing this for my parents and for my school. Every time I wear that NAU uniform I’m representing my school, I’m representing my family and I’m representing the people of Flagstaff. I’m racing with passion.”
Make a difference that matters

The NAU Fund: supporting students, programs, and excellence at your university

Please make a gift — and a difference — today

www.advancement.nau.edu
1.888.628.2586