Make Like a Tree and Preach!
A Look into Dr. Eddy’s Moringa Tree Research

Have you thought about using tree leaves to share the gospel? Neither did Dr. Christina Eddy of the North Greenville University Department of Biological Sciences until a missionary from Africa came to her church to talk about the Moringa tree. Both she and her church, Pelham Road Alliance Church, were fascinated by the nutritional and spiritual advantages of the Moringa tree leaf. This little leaf is said to prevent 300 diseases and have therapeutic qualities. While not much research has been done on the leaves’ disease prevention abilities, they have been found to be very nutritious. They have two times the protein of yogurt, four times the vitamin A of carrots, seven times the vitamin C of oranges, four times the calcium of a glass of milk, and three times the potassium of a banana.

What’s Happening In-Crain

Psychology Club Outing at the McManus’ Farm
BBQ, hayride, bon fire, and guest speaker
Oct 28 at 6pm Free to club members and guests
Contact Dr. Bill McManus at BMcManus@ngu.edu or 864.977.7700

Health Promotion & Wellness Club Fall Festival
Oct 30 at 2-6pm in front of Athletic Complex
Food, music, relay races, inflatables
$1 for Faculty/students/children under 12, $5 standard adult

College of Science & Math Student-Faculty Poster Symposium
Nov 19 Upper Science Hallway 11am to 1pm
For more information or to register your poster
Contact Dr. Shannon Dobson at Shannon.dobson@ngu.edu or 864.977.7699.

NGU chapter of Psi Chi International Honor Society in Psychology
Eleven new members will be inducted in November: Lindsay Bland, Kayla Bradley, Hayley Day, Shiricka Duncan, Alicia Jenkins, Katie Lemieux, Edie McCartney, Janna McLunkin, Jessica Russell, Amber Trapp, and Bethany Wilson. Current members are David Thornton –President, Kimberley Gainey – Vice President, Mandy Plyler – Secretary, Kami Cross – Treasurer, Kasie Williams – Membership/PR, Rachel Burton, Lauren Uldrick, and Chris Williams
**SO WHERE ARE THEY NOW?**

Amie Parham recently caught up with Karianne Hart (Sherman College of Straight Chiropractic), Candace Prince (Via College of Osteopathic Medicine), and Andrew White (University of South Carolina Medical School). Here’s what they had to say.

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**What do you miss most about North Greenville?**

**Karianne:** I miss the people the most, professors and students alike. I cultivated such amazing friendships in college.

**Candace:** All of our biology professors! And of course, Dr. Epting’s cheese grits!

**Andrew:** At NGU the professors care about you. In a public arena, professors might like you, but they don’t care about you.

**What is the most interesting thing (or a favorite moment) you’ve experienced in school post-North Greenville?**

**Candace:** Everything in medicine is interesting! From learning the physiology behind an acute MI to performing a complete neurology exam on a patient to delivering my first baby, I am fascinated by it all!

**Karianne:** Being in a secular school has given me opportunities to share my faith and many different ways to do so.

**What advice would you like to give to current students?**

**Candace:** Start building your resume now! Volunteer as much as possible, do research, and go to conferences. Medical schools and grad schools love to see a well-rounded applicant.

**Andrew:** Barring Wofford, North Greenville students seem to be the best prepared for med school. Now that I’m in, my class just says C = M.D.!

**Karianne:** I would just say that North Greenville College of Science and Math really did prepare me for the classes I am in and will be in. I learned how to study and manage my time well. At times I would get frustrated because the material that we were presented with was not easy, but I can see now that it was actually to my benefit. I would also say to continue to persevere, and have a positive outlook on school and life in general. You will make it through.

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(Did You Know continued) Dr. Eddy has decided to research a different part of the tree: the seed. Research has been previously performed on the seed and it has been found that the seed, when crushed into an oily paste, can be used to remove 90-99.9% of debris and microorganisms from contaminated water. Dr. Eddy wants to take this research further to find ways to best treat the seeds to best purify the water. Three students-Chanel Bonds, Brittany Dixon, and Vanessa Smith-are helping Dr. Eddy with the water purification research. Two other students - Anthony Garzone and Jason Wray - are studying the types of proteins in the seed to determine if they have antimicrobial properties. “It’s such a cool blessing to work on this team,” says Chanel Bonds. “We are working with some novel techniques in science and looking forward to seeing this research on the mission field.” Dr. Eddy hopes to use the knowledge from this research in future mission trips not only to give communities nutrition and cleaner water, but also to give opportunities to share the gospel using this incredible plant.

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**DID YOU KNOW?**

• The Outdoor Leadership program partners with the Urban League, Camp Spearhead, Greenville County Parks & Recreation, and others to gain valuable experience for students. Last semester Nathan Ruffrage instructed a Trail Building Course in which students were able to study and work on trails in Jones Gap State Park, Paris Mountain State Park, and the new Swamp Rabbit Trail that goes from Travelers Rest to downtown Greenville.

• A recent survey of all the Psychology major graduates indicated that 52% of them are either in a graduate school or have graduated with a Masters.

• Dr. Nathan Drake (Math Faculty) has been published twice since receiving confirmation of his doctorate in December, 2009.

• This year NGU will graduate the first, of what will soon be many, Mathematics Secondary Education majors.

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