Over the past year I have been working on a “clean water” project which is now part of my Health and Wellness advanced pharmacy practice experience (APPE). The purpose of this project is to investigate cost effective water disinfection and purification methods in order to educate healthcare professionals and medical mission teams about the potential uses of these beneficial methods for communities in third-world countries to ensure access to safe water and minimize risk of water-borne diseases. Children are especially at risk of succumbing to water-borne diseases; according to the World Health Organization (WHO), diarrhea is the 4th leading cause of death in children under age 5.

Solar disinfection (SODIS) is a cost effective water disinfection method because it only requires plastic bottles and sunlight, the natural energy granted by God. To evaluate the efficacy of this method, I purchased water in polyethylene terephthalate (PET) bottles. After contaminating the water bottles with selected common water microorganisms, I placed the water bottles in sunlight. By conducting microbiology experiments, I confirmed that the sunlight killed *E. coli* and *Salmonella typhimurium*. Besides bacteria, other scientists have verified this method to be effective against viruses and parasites.

I have had various opportunities to put my research to work. This past June, I taught a session for HUCOP’s Pharmacy Camp entitled “Solutions for a Thirsty World.” In January, I participated in a medical mission trip to Haiti to educate local people on SODIS. Haiti is at high risk for water-borne disease in the wake of the cholera outbreak that followed the deadly earthquake in 2010. A couple of days after my return, I presented information about cost effective water disinfection and purification methods at the Medical Missions Seminar in Dallas, TX. As part of the presentation and for future reference, I distributed a survey to attendees to evaluate their perception of the effectiveness of all water disinfection methods and their willingness to use or teach local people about these methods at their medical mission sites.

I want to encourage other students to think about a Health and Wellness project that could benefit people in third-world countries as well as considering a medical mission trip during their P4 experiences. I have received blessings from the local people who demonstrated strong passion, faith, and openness toward God. Such experiences help one grow both professionally and spiritually through plenty of opportunities for direct patient care and spreading God’s teaching and love on the medical mission field.
1) **Where were you born?** I was born in Harlan, KY. (It’s where the TV show, “Justified” takes place!!!)  

2) **When you were a child, what did you want to be when you grew up?** I actually wanted to be a marine biologist when I was younger because of my love for the water and fish. But I also wanted to be the next Roger Federer!  

3) **Siblings:** I have two older brothers, Jonathan and Dougless. There are 10 years between me and Dougless and 6 years between me and Jonathan.  

4) **Where did you attend college?** In addition to HUCOP, I attended college at Freed-Hardeman University in Henderson, TN which is a sister school to Harding.  

5) **Spouse:** Mallory—2 1/2 years  

6) **Children:** We have no children to date but would love some in the near future.  

7) **Somewhere you would like to visit and why?** The place I want to visit the most that I have not yet visited would be Alaska to see the beauty of the land and most importantly, to hunt!  

8) **If you could have dinner with anyone, who would it be and why?** I would probably choose coach John Calipari of the Kentucky Wildcats. Go Big Blue!  

9) **Something not many people know about you:** I have a great affinity for ping pong with some exceptional skills. I welcome any challengers!  

10) **Favorite color:** Blue  

11) **Favorite movie:** That is a tough one... either, “The Green Mile” or “The Shawshank Redemption.”  

12) **Favorite sport and/or team:** My favorite two sports are basketball and tennis. My favorite team is, of course, the Kentucky Wildcats. My favorite individual athlete is the one and only, Roger Federer.  

13) **Favorite thing about Searcy:** The Christian atmosphere and the feeling of community. I am convinced that there is no where else on earth that beats the sense of community that Searcy has!  

14) **Favorite book (other than the Bible):** *Tuck Everlasting*  

15) **How long have you been employed with Harding?** I am currently in my 7th month at HUCOP.  

16) **Biggest challenge or obstacle:** Leaving my career in nursing to pursue my career in pharmacy.  

17) **Proudest moment or accomplishment:** The day I married my beautiful, amazing wife!  

18) **Person who had the biggest impact on your life and why?** Besides my wife, there have been three key people who have placed the biggest impact on my life. My dad, who taught me how to put others before myself; my childhood best friend, Riley Hendrix (still my best friend), who inspired me to devote every aspect of my life to God; and my roommate from college and best friend, Jonathan Pritchard (also a pharmacist) who taught me what it means to be a true Christian example.  

19) **Favorite scripture:** “So then as we have the opportunity, let us do good to everyone; especially those in the household of faith.” Galatians 6:10  

20) **Words of wisdom for our students:** God first, people second, yourself last. If you live your life with this attitude, the world will be changed.
Despite the availability of human papillomavirus (HPV) vaccines, the incidence of cervical cancer in White County remains significantly higher than the national average. The HPV Awareness and Vaccination Project strives to meet the needs of this population by developing educational tools to supplement current resources offered by local, state, and county health officials. The overarching goals of this multi-staged, interdisciplinary project are to improve consumer knowledge about HPV-related disease and to impact vaccination rates.

In 2009, Harding University student pharmacists under faculty supervision designed a survey of community leaders and healthcare providers to better understand perceptions of current clinical practice and behaviors of local patients/residents. Another survey was subsequently developed targeting males; its aim was to find discrepancies in HPV knowledge.

Next, the project expanded community awareness of HPV-related diseases through various outlets such as radio and print media, face-to-face administration of surveys, continuing education opportunities for pharmacists, and live presentations to undergraduate students. The progress of this initiative has been regularly reported to the medical community via poster presentations at state and national professional meetings.

The HPV Awareness and Vaccination Project was recognized by the American Association of Colleges of Pharmacy (AACP) with the Student Community Engaged Service Award, presented at the AACP Annual Meeting in Grapevine, Texas, on July 28, 2014. This prestigious award was one of only four presented to various colleges of pharmacy. With the $20,000 award, the team was able to create a public service announcement (PSA) focused on HPV awareness. The PSA will be aired throughout the state of Arkansas in 2015.

The team is composed of Britney Cothren, Samantha Gauthier, Jennifer Grimes, Ellen Jones, Parisa Khan, and Tu Ngo, under the direction of Dr. Jeanie Smith and Dr. Rayanne Story.
Dean’s List

Congratulations to the students who excelled during the Fall 2014 semester! Dean’s list standing is reserved for full-time students with a 3.80 or higher grade point average.

**P4 Students**
- Thomas Adeyemo
- Justin Broadway
- Bethany Chandler
- Jessica Cox
- Matt Curtis
- Mark Egbuka
- Garrett English
- Morgan Evans
- Abby Everett
- Jeff Fowers
- Brandon Green
- Daniel Hardison
- Jill Hester
- Chris Hill
- Sanah Ishaq
- Katy Jang
- Kris Kannett
- Tiffany Keathley
- Josh Kellett
- Kristin Kellett
- Yoon Lee
- Chelsa Painter
- Kejal Patel
- Katie Patterson
- Monica Payne
- Chelsea Pense
- Eldijana Pilipovic
- Jake Rye
- Haleigh Scallion
- Amanda Scissell
- Elizabeth Scott
- Alicia Simpson
- Amanda Smith
- Zach Taylor
- Amy Tran
- Ryan Umeh
- Brant Underwood
- Stacy Vangilder
- Holly Wilkerson

**P3 Students**
- Samantha Bailey
- Kyle Hively
- Cassie Lang
- Brette McDonald
- Shivam Patel
- Karen Rorex
- Daniel White
- Caleigh Woodruff

**P2 Students**
- Aulora Fay
- Rebekah Knudson

**P1 Students**
- Colin Carroll
- Brady Clark

Photos—Fall 2014
Student Spotlight...Bethany Chandler (P4)

I am a born and raised Arkansan. I grew up in the city of Little Rock and don’t ever see myself leaving (mainly due to my husband’s love of hunting, ha ha) but I do love it here, too. I am the offspring of two hospital pharmacists and I knew I wanted to practice pharmacy before most children knew what a pharmacist was. My parents have videos of me at 3 years old saying I want to be a “toothy-fairy, cowgirl, pharmacist” and maybe someday I can be at least TWO of those things! I have loved being able to watch my parents help others with their profession and I aspire to do the same.

I think everyone who gets into the medical field enjoys a challenge and I am no different. My latest accomplishment was running the Little Rock Three-bridges marathon. It was something I never dreamed I could do. I also enjoy medical missions, traveling, shopping, snow skiing, and other endurance sports.

My time at Harding, undergrad and pharmacy school, has been such a blessing. I met some of the best friends I could ask for and most of my friendships I have maintained have formulated from Harding. I am very thankful for the opportunity it has created for my life and I can hardly wait to see what happens next.

Student Spotlight...Brady Clark (P1)

I am from Waurika, Oklahoma. My parents own an animal hospital, where my father is the practicing veterinarian. I have one sister who is a junior at Harding University. My hobbies include hunting, fishing, and basketball; and my proudest moments are when I made the decision to follow Christ and marrying my beautiful Christian wife, Erin.

My biggest obstacle occurred three years ago when my mother had a brain hemorrhage. It was touch and go for about a month. She almost died, once from the hemorrhage and once from a severe staph infection in her lungs. She was in recovery for four months. God healed her more than any of us could have ever hoped for. My mother had also been diagnosed with a benign brain tumor when she was a senior in high school. She has never given up even when the odds were against her, which is why she is the biggest influence in my life. After everything that has happened to her, she has never lost faith in God and has always found a way to bring Him glory in every circumstance.

I have always wanted to pursue a career in medicine; however, I knew that pharmacy was the right choice when the physicians were explaining all of the medications that my mother was on in the hospital and why she was taking them. I was fascinated by the effects each medication had on her body. I am sure the physicians were tired of all the questions I was asking them.

Concerning my time at HUCOP thus far, it has been a blessing. While it seems like there is always studying to do or a presentation to prepare, I am able to keep my life’s priorities in check. I appreciate how much the professors not only care about our academic life but our social and spiritual life as well. I thank God for the opportunity to study at a professional school where God is the center, and I cannot wait to be able to serve Him in the field of pharmacy.
2014 New Arrivals in the HUCOP Family

Eva Adhikari was born March 26, 2014. She weighed 6lbs 5oz and was 19 1/2 inches long. Proud parents are Bishwas (P3) and Suvra Adhikari (PharmD ’14).

Hank Lynn Hively was born April 8, 2014. He weighed 6lbs 11oz and was 20 1/4 inches long. Proud parents are Kyle (P3) and Rebekah Hively.

Everly Faith Rutledge was born April 16, 2014. She weighed 6lbs 13oz and was 19 1/2 inches long. Proud parents are Ron and Shelly Rutledge (P3).

Graham Chandler Middlebrooks was born May 6, 2014. He weighed 8lbs 1oz and was 21 inches long. Proud parents are Andrew and Emily Middlebrooks (PharmD ’14).

Haven Claire Brown was born May 20, 2014. She weighed 8lbs 2oz and was 20 1/2 inches long. Proud parents are Josh (faculty) and Stephanie Brown.

William Bryce Wilson was born August 6, 2014. He weighed 6lbs 14oz and was 19 1/2 inches long. Proud parents are Scot (PharmD ’14) and Crystal Wilson.

Annabella Michelle Douglass was born August 7, 2014. She weighed 9lbs 10oz and was 20 inches long. Proud parents are Brian and Gabriella Douglass (faculty).

Roman Jubin Kim was born September 8, 2014. He weighed 6lbs 11oz and was 20 1/2 inches long. Proud parents are Sangyoon and Hannah Suh Kim (PharmD ’14).

Madison Averie Lyn was born October 7, 2014. She weighed 5lbs 5oz and was 17 inches long. Proud mom is Aisheik Lyn (PharmD ’13).

Reven Mark Hanus was born October 15, 2014. He weighed 7lbs 6oz and was 21 3/4 inches long. Proud parents are Steven (PharmD ’14) and Rebekka Hanus.

Clark Raymond Hubler was born October 17, 2014. He weighed 7lbs 10oz and was 20 3/4 inches long. Proud parents are Sam (PharmD ’12) and Kristin Hubler.
Kason Gene Bohn was born October 22, 2014. He weighed 7lbs 3oz and was 20 1/4 inches long. Proud parents are Lee and Kaci Bohn (faculty).

Emory Rose and Lincoln Cole Herring were born December 4, 2014. She weighed 7lbs and was 18 inches long, and he weighed 6lbs 3oz and was 19 inches long. Proud parents are Judd and MaRanda Herring (faculty).

Brandon Grant and HyeJin Son (PharmD ’14) were married on May 17, 2014 in Caddo Gap, AR.

Clint Everett and Abby Cooper (P4) were married on May 17, 2014 in Melbourne, AR.

Josh Lawson and Bobbi Krizan (PharmD ’14) were married on May 24, 2014 in Springdale, AR.

Jake Rye (P4) and Brooke McGee were married on November 1, 2014 in Marion, AR.

Jay Hungerford (PharmD ’14) and Haley Hiland (PharmD ’14) were married on November 15, 2014 in Lowell, AR.

Shane Hester and Jill Hutcherson (P4) were married on November 22, 2014 in Paragould, AR.
Help a student afford a Harding education. Make a gift to HUCOP scholarships at the Center for Health Sciences College of Pharmacy-Donate Online link on: http://www.harding.edu/Advancement/giving.html.

915 E Market #12230
Searcy, AR 72149
Phone: 501-279-5528
Email: pharmacy@harding.edu

Calendar of Events—Spring 2015

Spring Break ...........................................................................................................................................March 9-13
APhA Annual Meeting & Exposition ........................................................................................................March 27-30
Spring Sing ................................................................................................................................................April 2-5
Pinning Ceremony—Class of 2016 ................................................................................................................May 1
Finals ........................................................................................................................................................May 4-8
Arkansas Pharmacists Association P4 Luncheon .........................................................................................May 8
Commencement ..........................................................................................................................................May 9
Annual APA Convention .............................................................................................................................June 11-13

Visit HU College of Pharmacy on...
• Web: www.harding.edu/pharmacy
• Facebook: www.facebook.com/Harding-University-College-of-Pharmacy
• Twitter: @HUPharmacy
• Linked In: Harding University College of Pharmacy Alumni

HUCOP Kudos Korner

Congratulations to HUCOP pharmacy practice faculty Dr. MaRanda Herring and Mr. Rodney Richmond as well as to alumni Dr. Candy Still (PharmD ’13) and Dr. Logan Jean (PharmD ’13) on their recent achievements. Dr. Herring successfully obtained her board certification in ambulatory care pharmacy. Mr. Richmond was elected the Secretary-Treasurer of the Commission for Certification of Geriatric Pharmacy (CCGP) for the 2014-15 year. Dr. Still and Dr. Jean are now Board Certified Pharmacotherapy Specialists.