

The Therapeutic Window

The University of Findlay College of Pharmacy

Providing you with just the right amount of information

Volume 1, Issue 1

Spring 2010

College of Pharmacy Focus on Goals

Welcome to the College of Pharmacy newsletter. Some of you will remember an effort I made a few years ago to publish one of these. I think that's what happened, we published one!

Lisa Peter has taken this project on and she has an excellent plan to carry it forward. I am sure you will enjoy the newsletter.

You should expect to hear the latest news from the College in concise articles written by various persons associated with the College. Topics should include our student progress, enrollment procedures, awards the students receive, our latest faculty news and reviews of our continuous professional development effort.

My own section will usually be devoted to our progress in achieving College goals in learning, scholarly activity and service. Briefly, we are on track. Our classes meet in small



groups and we have a goal that each student should recite in every class every time it meets. Although we do not always get there, we are close to that goal and will keep trying to meet it. Notice our first goal is learning, not teaching. We make that distinction because we think that what matters is how well our students learn. Our research progress has been impressive. All professors have a research project of some kind going on. Many of those are done with students. Again, this is to help students learn how to think in the discipline at hand, and it is often very effec-

tive. Our faculty members are serving on committees all over the campus, the state and the nation. We are pleased with the contributions they make in these arenas, but we are even happier with the professional service our professors and students offer every day. A partial list of those events would include our medication disposal projects, service at H1N1 vaccination clinics, brown bag events in Hancock and Wood county, Saturday morning clinics at the Findlay Mall and participation in the GERD station at the chili cookoff. Our participation with the coin drive for heating bill support is detailed elsewhere in this issue.

It is a privilege to serve here, as student, professor or administrator. Most of us feel that sense of privilege every day.

*Donald W. Stansloski,
RPh, PhD*

Oh Happy Days!

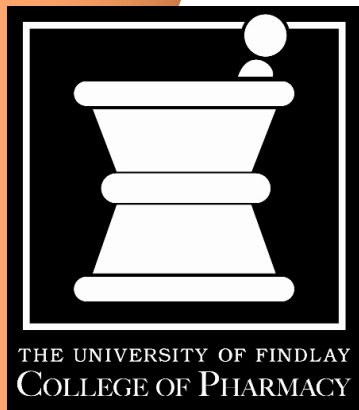
It's that time of the year when birds sing, flowers bloom and seniors dance in the driveway when they receive an offer to join our program. This year 70 lucky students will be selected to join our program this fall. The joy these students feel is now knowing they are a pharmacy student.

Karen Rettig

Summer Camp 2010

This is the third year that the College of Pharmacy is offering a summer camp for upcoming high school juniors and seniors. There has been such a demand that this year there are two camps, June 9-11 and June 28-30. Eighty campers will live on campus, eat on campus, and spend a lot of time in the lab. This year, a committee of students is helping to plan the camp activities for the students. The application deadline is May 1. You can find the application on the first page of the pharmacy webpage at www.findlay.edu

Cynthia Fitzpatrick, M Ed



"It is a privilege to serve here, as student, professor or administrator. Most of us feel that sense of privilege every day"

Windows in this issue:

- Class of 2010 Graduation!
- Medication & Mercury Collection Event
 - ACLS training
 - New Pharmacy Faculty
 - SimMan Purchase
- Kelly Jerry's campus visit, "Emily's Story"
 - Summer Camp
 - News in Research
- Student Bio Cody Parsons
 - Admissions for 2010
 - External Programs



Dr. Rahul Khupse
Assistant Professor, Pharmaceutical Science



Dr. Kenneth Speidel
Assistant Professor of Pharmacy Practice

New Faculty

The College of Pharmacy is pleased to announce the hiring of Dr. Rahul Khupse. Dr. Khupse earned his Ph.D. in medicinal chemistry from the University of Toledo in 2006. Upon graduation, he began post-doctoral work at UT, followed by work in industry for a year. Immediately prior to his hiring at Findlay, he was engaged in additional post-doctoral work in the lab of Dr. Paul Erhardt at UT. Dr. Khupse is a member of the Pharmaceutical Sciences Department in the College of Pharmacy where he will assist in teaching medicinal chemistry and pharmacology. His research interests concern the identification, design, and synthesis of novel anticancer agents with a particular interest in breast cancer. Please help us welcome Dr. Khupse.

Richard Dudley, RPh, PhD

Dr. Ken Speidel has over 25 years of clinical and operational experiences in specialty pharmacy practice including sterile and non-sterile compounding. He has been a consultant to the development of national standards of pharmacy practice and has been a consultant to many companies and provider organizations across North America. Ken received both his Bachelors of Science in Pharmacy and Doctor of Pharmacy from Ohio Northern University. Dr. Speidel has experience in many aspects of pharmacy from acute care/long term care/community pharmacy/hospice and home care. He serves as a valued and expert consultant to other pharmacists, physicians, pharmaceutical companies, chemical companies, business owners and as a pharmacy college faculty member, preceptor and instructor to doctoral pharmacy students. We are pleased to have Ken with us at the College of Pharmacy.

GRADUATION!



The Early Days of Pharmacy, the summer of 2005
From left: Donald Stansloski, Karen Rettig, Marc Sweeney, Patrick Malone

Nearly five years ago, the University of Findlay School of Pharmacy opened its doors to about 100 students between the P1 and P2 classes. At the time, it was accredited through the Ohio Board of Regents and the Higher Learning Commission, but even the application for the first step of accreditation by the Accreditation Council for Pharmacy

Education (ACPE) was several weeks in the future. The School had only four employees (Drs. Stansloski, Malone and Sweeney, and Ms. Rettig for admissions) and didn't even have enough room to put together the 1440 page ACPE application (believe it or not, it was put together in the bed of a pickup truck in the parking lot). At that time, gradua-

tion seemed a long time away.

It is now 2010, the School of Pharmacy has matured into the College of Pharmacy, there are many more faculty and staff, and on May 1, 2010 at about 2 pm, the University of Findlay will be graduating the first Doctor of Pharmacy students, a big milestone for both the College (*continue on page 5*)

College of Pharmacy Faculty Instruct in Advanced Cardiac Life Support



Fifth year students Ngoc Nguyen and Hamid Sheikhi

As of February, our fifth year, P5, students are now certified in advanced cardiac life support (ACLS)! This training allows these students to participate as part of a health care team in the critical first few minutes of the treatment of a life-threatening heart rhythm, stroke or heart attack. This is an important achievement for them as it will enhance their learning during the

sixth year experiences in pharmacy practice settings. All fifth year students successfully completed a home study program as well as a live training day. During the live day, students had to pass a written exam as well as pass "hands on" testing of their skills in providing quality basic life support (also known as CPR), recognizing heart rhythms on a monitor, and directing the

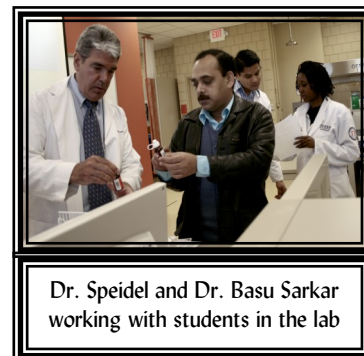
appropriate drug and non-drug therapy for any given patient scenario. It was a long and difficult day, but the students passed with flying colors! Congratulations to them on their hard work! The training was provided by The University of Findlay College of Pharmacy instructors who are certified and trained as ACLS instructors (*continue on page 5*)

Eliminating Medication Waste and Saving Money Through Research

Improving patient care through research is an ongoing goal for the College of Pharmacy's Department of Pharmaceutical Sciences. Dr. Srikumaran Melethil, Professor and Department Chair, and Dr. Arindam Basu Sarkar, Assistant Professor, received a grant from Medisca® Group of Companies, a Canadian company, to prepare and determine the stability of eight active pharmaceutical ingredients (API) in six compounded topical preparations.

Unlike the pharmaceutical products from pharmaceutical manufacturers, the chemical stability of compounded pharmaceutical preparations is not routinely assessed by compounding pharmacies. The beyond the use date is generally estimated using general USP guidelines, which could underestimate the expiration date. This means the patient is often instructed to discard perfectly potent preparations for the lack of stability data. Stability studies of topical cream preparations contain-

ing the following APIs have been completed in our College of Pharmacy labs: lidocaine HCl, tetracaine HCl, and benzocaine (all local anesthetics) and cyclobenzaprine HCl (a centrally acting skeletal muscle relaxant) in topical cream. All the preparations have been found to have a shelf life of at least two months. The general USP guideline for beyond the use date for such preparations containing water is 15 days. Thus, actual studies establishing (continue on page 5)



Dr. Speidel and Dr. Basu Sarkar working with students in the lab

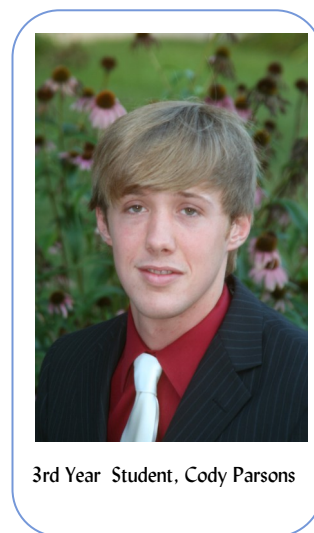
Pharmacy Student Awarded Internship with the FDA for Summer of 2010

The United States Public Health Service Commissioned Corps is a highly selective and competitive opportunity for pharmacy students to serve their country while completing their education. One of the more selective programs, the Junior Commissioned Officer Student Training and Extern Program (JRCOSTEP) recently was offered to one of our own University of Findlay pharmacy students, Cody Parsons. Cody was

selected based on his previous leadership experience and strong communication skills. This opportunity will allow Cody to meet leaders in public health and gain valuable professional experience. Cody is assigned to the Division of Drug Information at the U.S. Food and Drug Administration (FDA) in Silver Spring, MD. During this assignment he will respond to drug information requests from

the general public, work within FDA departments to facilitate drug information communication, prepare and present various pharmacy related projects to FDA officials and observe a wide variety of regulatory work. We here at the College of Pharmacy are very proud of Cody's accomplishment and wish him the best of luck as he begins his assignment during the summer of 2010.

Jean Cunningham, PharmD



3rd Year Student, Cody Parsons

Two Colleges "Take the Chill Off a Bill" and raise over \$900

In December 2009, the Dean of the College of Education challenged the College of Pharmacy to a coin collection drive to help persons pay heating bills in Hancock County. The short version of this story is that I will have to buy dinner for the Dean of the College of Education. The idea was that persons would bring in loose change that was available and it would be donated to

local power companies to support heating bills for persons who could not pay. Jars were placed on the desk in our office and at two locations in the College of Education. The totals were deposited at a local bank daily. A "coinometer" in the lobby was used to track the progress. At the end of a week the two totals were compared. Altogether we raised about one thousand

dollars for this charity; the College of Education raised about seven hundred of that. In other words they crushed us. Essentially, we were glad to help them in their fund raising event. The rallying cry in the College of Pharmacy is "Wait till next year!"

Donald W. Stansloski, RPh, PhD



Dr. Julie McIntosh, Dean for the College of Education and Dr. Donald Stansloski Dean for College of Pharmacy

SimMan joins the College of Pharmacy's "Faculty"

Using funds provided through a donor, continuing education activities and laboratory fees, the College was able to purchase SimMan 3G which is the most sophisticated patient simulator currently on the market. The faculty and staff are

busy designing a room to house this simulator and complete necessary training. Simulation is a valuable tool to enhance student learning by requiring students to apply didactic material to life-like situations. Patient simulation will also be used to

further our goal of incorporating the concept of patient safety as a continuum throughout our curriculum.

John Stanovich, RPh

"to further our goal of incorporating the concepts of patient safety"



Free

Medication and Mercury Collection Day

Protect your family and your community by dropping off unwanted, unused or expired medications or mercury for proper disposal.

**Saturday, April 17
9 a.m.- Noon**

Findlay Municipal Building
Parking Lot
West Crawford Street

Questions? Call the Community Partnership at 419-

Medication Error Results in "Emily's Law" Speaker to Share Her Story

A presentation to University associates and the Findlay community by Kelly Jerry will be held in April. Kelly is the mother of Emily Jerry who died as the result of a medication error made by a pharmacy technician under the supervision of a pharmacist. Ms. Jerry will present

Emily's story on April 22, 2010, from 11:30am - 1:00 pm in Winebrenner Theological Seminary 950 North Main Street in Findlay. For more information call the College of Pharmacy Office at 419-434-4441.

John Stanovich, RPh



College of Pharmacy Reaching Out

Outreach is on the to do list every day for the Office of External Programs. But this spring is especially exciting and busy for us.

On April 17th the students and faculty will participate in the third medication/mercury collection program held in the Findlay commu-

nity. This event is a collaborative effort between several community organization and the College of Pharmacy. In the two previous collections over \$125,000 worth of unused or expired medication was collected.

Patient safety has been our guiding light since we began

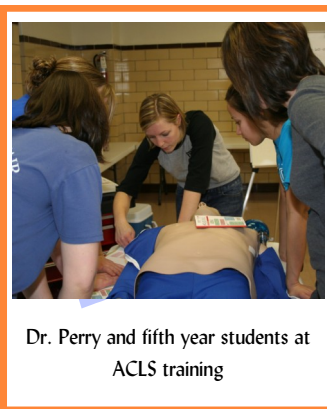
and on June 25th a continuing education activity will focus on medical errors and the disciplinary actions taken will be presented. The discussion will focus on the concept of what is the best system for reducing (continue on page 5)

Reaching Out continued...

medical errors and improving patient safety; a punitive or non-punitive system. Possible panel members will include representatives from the State Boards of Pharmacy, Medicine and Nursing, a prosecuting attorney, a politician, a repre-

sentative from the Institute for Safe Medication Practices (ISMP), a patient safety officer, and practitioners from pharmacy, medicine and nursing. Registration information will be available on our webpage by May 1.

John Stanovich, RPh



Dr. Perry and fifth year students at ACLS training

ACLS continued...

Paramedics also involved in training our students included Captain John Norris from Lima and Debbie Roberts from Bellefontaine. A big thanks goes out to all our trainers and faculty!

Debra L. Parker, RPh, PharmD, CACP, CDE, CLS, BCPS

Other Activities by the Office of External Programs

- ASHP Midyear College Reception in LasVegas.
- Coordinating ACLS and BLS training
- Grant application for 88 Medication Collection Programs in Ohio
- Organizing a medical mission trip to Haiti.
- Ten continuing education activities to Medco pharmacists
- A monthly continuing education activity for HospiScript pharmacists
- Two application-based diabetic footwear activities for Dr. Comfort
- Four-contact hour seminar sponsored by the Hancock County Dementia Coalition
- "Pharmacy Automation and Technology in Today's Economy..." for Kirby Lester LLC
- "Pharmacy-Based Immunization Training" to 60 pharmacists in California on May 15 and 16.

GRADUATION continued...

and the University, which had not previously had a doctoral program. At that time, nearly fifty pharmacy students will be walking across the stage to recognize their great achievement. Earlier that day, they will have also received their doctoral hoods, with the pharmacy green trim and orange/black interior in a ceremony specific to the College of Pharmacy. Please share our joy in graduating this inau-

gural class, who has lived through our growing pains and has developed with us. Oh, and if you are interested, the ACPE process continues. The last step before their Board of Trustees can give final approval for full accreditation is that we need to graduate a first class. So, this graduation is a big event in many ways.



Patrick M. Malone, PharmD, FASHP

Medication Waste continued...



the shelf life of compounded preparations (female gonadotropin hormones) in medication wastage and savings money for patients. It is expected that this information will be used by Medisca to label their products. Currently, work is being conducted to conduct the stability studies of hydrocortisone (a corticosteroid) and the combination of estriol,

estradiol and progesterone (female gonadotropin hormones) in topical cream preparations.

Sri Melethil, PhD, JD



"Therapeutic Window"

Too Much Information

Right Amount of Information

Not Enough Information

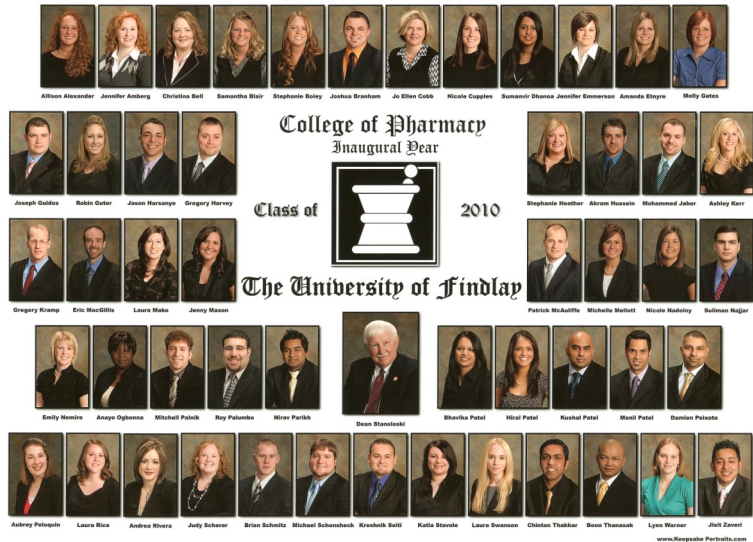


Preparing pharmacists dedicated to improving patients' lives through practice, service, and research.

College Of Pharmacy

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