

CHICAGO
STATE
UNIVERSITY

College of Pharmacy

ANNUAL REPORT 2011-12



WE LIVE IT!

Chicago University
College of Pharmacy



OUR MISSION

The mission of Chicago State University College of Pharmacy (CSU-COP) is the development of student and faculty scholars who will impact the health care needs of people in the region, state and the nation. The college will provide a strong foundation in the knowledge, integration and application of the biomedical, pharmaceutical, social/behavioral/administrative and clinical sciences to transform students into practitioners who are committed to humanistic service, capable of providing patient-centered care, and innovative leaders in advancing the pharmacy profession. The college embraces the mission of the university to educate individuals from diverse backgrounds to enhance culturally competent care and reduce health care disparities.

OUR GOALS

To accomplish its mission, the College of Pharmacy is committed to:

- Recruiting, retaining and graduating student pharmacists from diverse populations;
- Recruiting, hiring and retaining qualified faculty from diverse populations who will be engaged as teachers, scholars, researchers, service providers, mentors and leaders;
- Recruiting, hiring and retaining staff dedicated to supporting the educational mission;
- Offering a curriculum that cultivates analytical thinking, ethical reasoning and decision-making, intellectual curiosity, multidisciplinary and inter-professional collaboration, professionalism and service;
- Enabling students and faculty to provide patient-centered care to diverse patient populations through the safe, evidence-based and cost-beneficial use of medications;
- Fostering an environment for student engagement that encourages leadership in campus, public and professional communities;
- Refining programmatic and curricular goals, policies and procedures through ongoing assessment and evaluation;
- Establishing and enhancing community, educational and professional partnerships;
- Expanding institutional resource capabilities through active pursuit of extramural funding support;
- Developing and strengthening postgraduate education and training opportunities; and
- Providing programs and services that promote a supportive atmosphere for lifelong learning and continued personal and professional development for students, alumni, faculty and staff.

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COLLEGE OF PHARMACY BY THE NUMBERS

202 + 131 = 333

FUTURE PHARMACISTS ARE WOMEN

FUTURE PHARMACISTS ARE MEN

STUDENTS

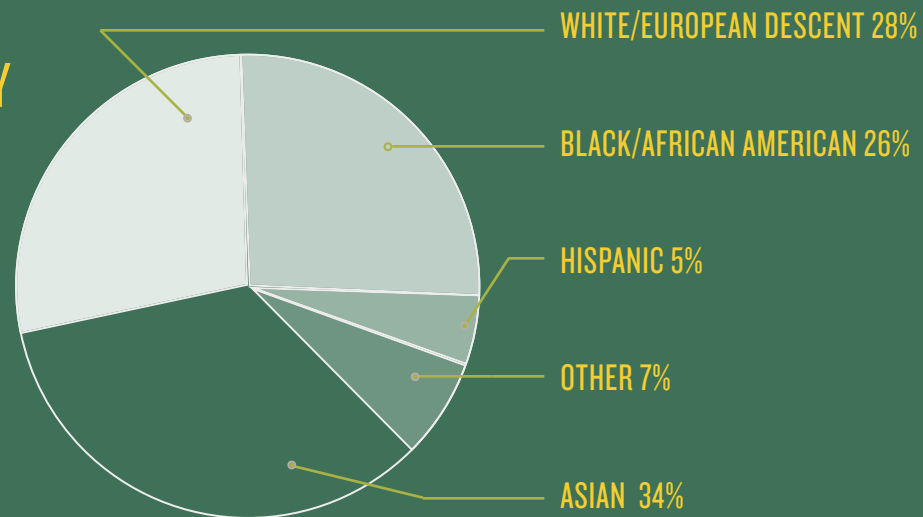
77

DEGREES GRANTED

MORE THAN 10 % OF GRADUATES ARE PURSUING RESIDENCIES

MORE THAN 70 % OF GRADUATES ARE EMPLOYED IN COMMUNITY PHARMACY

STUDENT DIVERSITY



32

FULL-TIME FACULTY MEMBERS

32

FULL-TIME FACULTY MEMBERS WITH POSTGRADUATE TRAINING

311

PRECEPTORS

100

HEALTH CARE PARTNERSHIPS

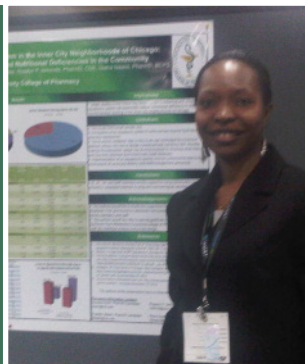
ACADEMIC YEAR 2011-12 REPRESENTED THE CUMULATIVE EFFORTS OF CHAMPIONS THROUGHOUT THE COLLEGE OF PHARMACY. FROM THE VISIONARY ADMINISTRATORS WHO CONCEPTUALIZED CSU'S UNIQUE BRAND OF PHARMACY EDUCATION...



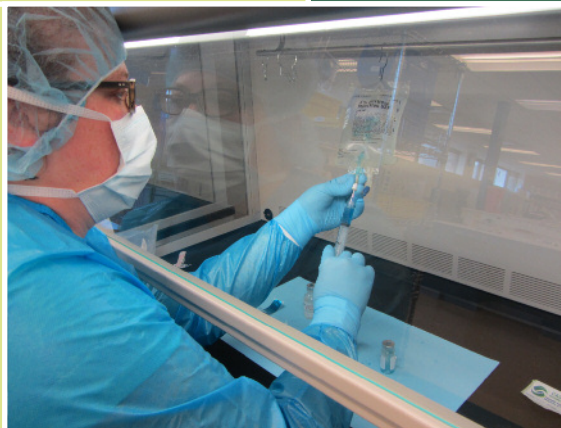
TO THE PIONEERING STUDENTS WHO ACCEPTED THE EDUCATIONAL CHALLENGES OF THE NEW CURRICULUM...



TO THE TRAILBLAZING FACULTY AND STAFF MEMBERS WHO SET NEW STANDARDS IN PHARMD COURSE INSTRUCTION AND RELATED STUDENT PROGRAMMING...



TO OUR FAITHFUL PRECEPTORS, PARTNERS AND SPONSORS WHO SHARE OUR COMMITMENT TO EXCEPTIONAL PATIENT CARE...



EVERYONE AFFILIATED WITH GRADUATING THE FIRST GROUP OF CSU-EDUCATED PHARMACISTS HAS REASON TO CELEBRATE.







“ LIFE IS GOOD AT THE
CHICAGO STATE UNIVERSITY
COLLEGE OF PHARMACY. ”

Dear Colleagues, Friends and CSU-COP Family,

Academic year 2011-12 was a momentous stretch of time for us. With the graduation of our first class of student pharmacists, and achievement of full accreditation status from the Accreditation Council for Pharmacy Education (ACPE) for our Doctor of Pharmacy program, we gained a significant place in the history of Chicago State University. We also increased the diversity of highly trained, community-focused pharmacists entering the community of health care service providers in Chicago and beyond.

Yet, among our many stand out achievements of 2011-12, I am most proud of the collaborations — the countless combinations of partnerships among student pharmacists; college faculty, staff and their university peers; preceptors; corporate sponsors; donors; and other supporters—that breathed life into the mission of the CSU College of Pharmacy.

Throughout the year, student pharmacists, under the guidance of professors and preceptors, organized health screenings, patient education and advocacy activities that have addressed the health care needs of people in underserved communities. Our student scholars have partnered with faculty researchers to advance the body of knowledge in the administrative, clinical practice and pharmaceutical sciences. And as a result, both veteran and future pharmacists received state and national recognition for teaching and research excellence during 2011-12.

I invite you to revisit academic year 2011-12 through the pages of this report. As you review the college’s accomplishments, I hope you will share my anticipation for an even more amazing future.

Thank you for your interest and support of the CSU College of Pharmacy. I look forward to working with you as we move forward and continue to breathe life into our mission.

We Live It!

Sincerely,

A handwritten signature in black ink that reads "Miriam A. Mabley Smith". The signature is fluid and cursive.

Miriam A. Mabley Smith, PharmD, FASHP
Dean, Chicago State University College of Pharmacy

MAKING HISTORY

The Chicago State University College of Pharmacy is proud to welcome its first graduating class into alumni status. Congratulations to the Pharmacy Class of 2012: Rebecca Adorable, Gina Agelonidis, Setor Akati, Sima Akbarpour, Folasade Akinyele, Peter Akudo, Charles Anderson, Matthew Biszewski, Chintan Brahmhatt, Robin Carney, Jose Carrasco, Jennifer Cashmore, Cody Chan, Anish Choksi, Mary Corso, Cassandra Cruz, Alvi Cyriac, Ketur Darji, Laurits Dunham, Kathy Espada, Dathao Esthappan, Carlos Gomez, Samia Haider, Maria Harmon, Wing Ho, Bilal Hussain, Daniel Huynh, Ioan Ionescu, Matthew Joachim, Lubna Judeh, Tina Jun, Sana Khan, Nora Kirby-Swenson, James Lott, Chigozirim Mbadugha, Pooja Mehta, Mary Miller, Obinna Moemenam, Bineesh Moyeed, Enkhtuul Natsagdorj, Vadim Nikitin, Nneka Nnamdi, Roberta Nyblom, Sherri Ojikutu, Fidah Othman, Stephanie Pape, Neha Patel, Shital Patel, Agne Petrus, Veronica Posey, Rajesh Punnoose, Jason Ramirez, Heather Roberts, Keon Ryu, Paul Serafin, Seema Shah, Justine Shanak, Maurice Shaw, Alice Sheen, Marianne Shenouda, Erum Siddiqui, Baljit Singh, Lia Skandamis, Andrew Skripac, Kecia Thomas, Sharon Thomas, Ash Trivedi, Vaishali Trivedi, Tahir Vora, Brett Walker, Mai Wazwaz, Sherry Williams, Andrew Wojcik, Dianna Wood, Elizabeth Yetter, Roudi Youkhana and Jurgita Zeimys.





COP RECEIVES FULL ACCREDITATION

Our Doctor of Pharmacy program has transcended its former status as a program-in-development. The CSU College of Pharmacy now stands as an equal peer in the elite field of time-honored colleges and schools of pharmacy in the United States and abroad.

In June 2012, the Accreditation Council for Pharmacy Education (ACPE) awarded full accreditation status to the Chicago State University Doctor of Pharmacy program. This distinction is reserved for colleges and schools of pharmacy that have educated a class of student pharmacists through graduation, and have met all ACPE standards.

The rigorous review process included on-site visits, an evaluation of the college's mission and intensive assessments of the college's curriculum, experiential education opportunities, faculty and staff professional competencies, student performance outcomes, patient safety and more.

ACPE is the independent, national agency that ensures and advances quality in pharmacy education.





COMMENCEMENT SIGNALS CULMINATING MOMENT

For the first time in its 145-year history, Chicago State University conferred the Doctor of Pharmacy degree in May 2012.

The College of Pharmacy Class of 2012 — the first-ever group of CSU student pharmacists — commemorated the completion of their four-year pharmacy education during a May 16 Oath and Hooding Ceremony at the Chicago State University Emil and Patricia Jones Convocation Center. Led by Illinois State Board of Pharmacy Chairman Phillip Burgess, BPharm, MBA, the 77 graduates recited the Pharmacist's Oath and received academic hoods representing achievement of their doctorate degree. One

day later, the new pharmacists joined the university-wide commencement exercises wearing their newly earned academic regalia.

In addition to establishing the College of Pharmacy's permanent presence as part of the university's campus-wide graduation ceremonies, the Class of 2012 began what they hope will become a time-honored tradition for generations of CSU pharmacy graduates to come. Immediately following their hooding ceremony, the graduates gathered at a celebratory dinner and reception in the Navy Pier Grand Ballroom.

WE LIVE IT! by recruiting, retaining and graduating student pharmacists from diverse populations.

STUDENTS

Our legacy will be determined by CSU pharmacy graduates, beginning with the Class of 2012. CSU pharmacists are now influencing patient care in hospitals, corporate offices and community settings across the country. The potential benefits of a CSU pharmacy education are limitless.

PREPARING FUTURE PHARMACISTS

The College of Pharmacy's mission of transforming students into scholars, industry leaders and practitioners, who are committed to humanistic service, is deeply rooted in each student's ability to understand every aspect of their coursework. Equally important is their capacity to apply key concepts appropriately and with confidence.

To ensure that every Class of 2012 pharmacy graduate is highly prepared to succeed in his/her profession, the college required each fourth-year student to complete a Capstone Research Project under faculty mentorship. This year-long research assignment tested each student's overall comprehension of the full pharmacy curriculum. The students were required to prepare a scholarly poster — along with an accompanying article suitable for publication — on one topic chosen from a variety of categories, such as clinical care, public health, educational research or business plan development.

While the college places heavy emphasis on scholarly achievement, its commitment to diversity is also a top priority. The CSU Doctor of Pharmacy program has been recognized as the most diverse pharmacy program in Illinois and is among the most diverse in the nation. CSU student pharmacists are carefully selected to mirror regional, state and national populations. Therefore, the college is especially committed to retaining student pharmacists through graduation.

To make sure every CSU pharmacy student has the support needed to achieve the college's high academic standards, faculty and staff from all areas of the college were involved in student retention — through formal academic enrichment programs as well as informal help sessions and mentoring talks.

For example, the Office of Student Affairs established the Early Warning Signals program, designed to help student pharmacists address obstacles to their scholastic achievement. Under the direction of Learning Specialist [Allison Rose, PsyD](#), the College of Pharmacy formed a partnership with the university's Counseling Center to offer personal counseling, tutoring and other study resources to maximize students' potential to learn.

Because student pharmacists are also expected to excel outside the traditional classroom environment, the Department of Pharmacy Practice expanded student learning opportunities to enhance the pharmacy curriculum. In 2011-12, the department expanded college partnerships with Mt. Sinai Hospital, Mercy Hospital and Medical Center, and Rush University Medical Center by adding clinical faculty preceptors at each site. The department continued to expand its partnership with the University of Chicago College of Medicine through the extension of didactic teaching collaborations and the initiation of an advanced experiential education program for fourth-year pharmacy students. The department also offered innovative independent study and elective courses that allowed students to engage in geriatric patient care and public health advocacy.

SCHWEITZER FELLOW

In 2011-12, the Albert Schweitzer Foundation selected yet another CSU pharmacy student to participate in its prestigious fellowship program. Maimoona Batul followed in the footsteps of James Lott (CSU Pharmacy Class of 2012), who completed a Schweitzer Fellowship in 2009. Both were the sole Schweitzer fellows representing Chicagoland-based colleges of pharmacy, in their respective years.

HOLISTIC PATIENT CARE

As a 2012 Schweitzer Fellow, second-year professional student Maimoona Batul helped elderly hospital patients feel more at ease and trusting toward the health professionals delivering their care.

Batul designed interactive, memory-stimulating activities and administered them to Alzheimer's disease and dementia patients at Swedish Covenant Hospital located on Chicago's Northwest Side. She visited patients individually and tried to spark pleasant conversations. For those who were receptive, Batul played soothing music and challenged them to friendly rounds of memory games.

"It's not just drugs or disease that we [pharmacists] look at; it's the whole patient and their emotional well-being," Batul says. As a result of Batul's outreach, many patients became more amenable to taking prescribed medications and accepting medical treatments. "You could see improvement. They were more cooperative," Batul said.

"It's not just drugs or disease that we [pharmacists] look at; it's the whole patient and their emotional well-being."



Maimoona Batul

Every year, the Albert Schweitzer Fellowship Program selects 250 new university graduate students who show promise of bringing positive change in urban and rural communities in the United States and around the world. Batul is the second Schweitzer Fellow selected from the College of Pharmacy.

STUDENT ACHIEVEMENTS 2011-12

The collective accomplishments of high-achieving CSU pharmacy students are a precursor of great things to come for the pharmacy profession, the college and generations of CSU pharmacy students.

In 2012, fourth-year student pharmacist **Peter Akudo** received one of 58 National Association of Chain Drug Stores Foundation scholarships. Akudo's award marks the second competitive scholarship granted to a CSU student pharmacist in two consecutive years.

Third-year student pharmacist **Kimberlyn Ariwodo** completed a 12-week corporate internship with Walgreens Pharmacy. This opportunity provided hands-on experience with clinical program development and other corporate projects at Walgreens' company headquarters in Deerfield, Ill.

Third-year student pharmacist **Saad Awan** co-authored the poster titled "In Search for Natural Tau Fibrillization Inhibitors: Preliminary Investigation of Horse Apple Fruit" with Ehab A. Abourashed, MS, PhD, associate professor of pharmaceutical sciences. The researchers presented the poster at both the 46th Midwest/39th Great Lakes Joint Regional Meeting of the American Chemical Society in St. Louis and at the 2012 Student Research Conference in STEM in Chicago.

Fourth-year student pharmacist **Robin Carney** placed second in the Illinois Pharmacists Association's 2011 Student Pharmacist Patient Counseling Competition. This competition assessed students' skills and ability to apply patient medication counseling expertise. Students representing colleges and schools of pharmacy from Illinois and Missouri competed in this event during IPHA's annual meeting in Springfield, Ill.

Student pharmacists **Ketur Darji** and **Cristina Miglis**, with CSU faculty mentor Ehab A. Abourashed, MS, PhD, associate professor of pharmaceutical sciences, received first prize in the chemistry competition for their presentation "Development of a Validated HPLC Method for the Determination of Horse Apple Isoflavones" at the 2012 Spring Symposium and Student Research Conference in STEM in Chicago.

Third-year student pharmacist **Chelsey Imel**, with faculty mentor Melany P. Puglisi-Weening, PhD, assistant professor of pharmaceutical sciences, received first prize in the student environmental sciences competition for their poster "Development of a Compact Aquaponics System to Grow Herbal Dietary Supplements" during the 2012 Spring Symposium and Student Research Conference in STEM in Chicago.

Second-year student pharmacist **Heta Mewada** with faculty mentor Melany P. Puglisi-Weening, PhD, assistant professor of pharmaceutical sciences, and David Wood, professor of chemical engineering at The Ohio State University, placed second in the oral presentation in chemistry competition for their presentation "Binding Affinities of Algal Extracts to PPAR Gamma ER β and TR β Receptors" at the 2012 Spring Symposium and Student Research Conference in STEM in Chicago.

WE LIVE IT! by fostering an environment for student engagement that encourages leadership in campus, public and professional communities.



2012 WHITE COAT CEREMONY

Sept. 7, 2012: Eighty-three student pharmacists comprising the Pharmacy Class of 2016 took part in the college's annual white coat ceremony — a nationwide tradition that welcomes first-year pharmacy students to the profession. This event took place in the Emil and Patricia A. Jones Convocation Center. Paul E. Beahm, senior vice president of operations, health and wellness, Walmart Stores, Inc., was the keynote speaker.

STUDENT ACHIEVEMENTS CONTINUED

Student pharmacist **Nataliya Sidelnikova**, with CSU biology student **Triejaye McDowell** and faculty mentor **Ehab A. Abourashed, MS, PhD**, associate professor of pharmaceutical sciences, placed second in the oral presentation competition for their project "Adopting a Traditional Phytochemical Approach to Solve the Riddle of Nutmeg" at the 2012 Spring Symposium and Student Research Conference in Science, Technology, Engineering, and Math in Chicago. Sidelnikova also presented the poster titled "Isolation and Yield Maximization of the Major Constituents of Horse Apple Fruit," with Dr. Abourashed and CSU chemistry student **Ashley Wardlow** during the same conference.

In November 2011, third-year student pharmacist **Elizabeth Lim** and second-year student pharmacist **Cham Choi**, with faculty mentor **Angela C. Riley, PharmD**, clinical assistant professor of pharmacy practice, presented the poster titled "Knowledge and Understanding of Medication Directions: Assessment of Native Korean Older Adults in a Suburban Community" at the American Society of Consultant Pharmacists annual meeting in Phoenix, Ariz.

Fourth-year student pharmacists **Kecia M. Thomas**, **Robin Carney** and **Chintan Brahmhatt** co-authored the poster presentation titled "Antifungal Chemical Defenses of the Green Alga *Penicillus Dumetosus*" with **Valerie J. Paul, PhD** (Smithsonian Institute), **W. Lance Martin, PhD** (Protean-Martin, LLC), **Samuel Pro** (Wrightwood Technologies) and **Melany P. Puglisi Weening, PhD**, assistant professor of pharmaceutical sciences (Chicago State University). This poster was presented in July 2011 during the American Society of Pharmacognosy's annual meeting in San Diego.



The Association of Black Health-System Pharmacists honored fourth-year student pharmacist **Sherry N. Williams** with its 2011 Student Achievement Award in recognition of her academic achievement, outstanding professional leadership, and involvement in community and professional services.

Fourth-year student **Dianna Wood** co-authored a book review of "Herbal Supplements-Drug Interactions: Scientific and Regulatory Perspectives," Vol. 162, with **Melany P. Puglisi-Weening, PhD**, assistant professor of pharmaceutical sciences. This article has been accepted for publication in the *Journal of Natural Products*.

EDUCATION/CURRICULUM

The college's focus on delivering an integrated pharmacy curriculum — one that combines classroom coursework with practice topics that mirror key concepts in a state-of-the-art learning environment — continued with forward momentum.

Academic year 2011-12 brought several new additions that helped take the CSU pharmacy education experience to new levels.

Since the college's founding in 2008, technology has been a major component of its strategic development plan. In the past academic year, the college upgraded two first-floor lecture centers located in its home building, Douglas Hall. A \$110,000 capital investment, made possible by Chicago State University funding, supported both major audiovisual upgrades, which included the installation of new SMART podium computer projectors and Blue-ray players that have enabled pharmacy instructors to transform traditional lectures into more dynamic multimedia presentations.

In an initiative spearheaded by the Office of Academic Affairs, the college implemented Audience Response System technology to assess student comprehension of the curriculum on a class-by-class basis. Among the many faculty members leveraging this technology to enhance learning, [Janene Marshall, PharmD](#), clinical assistant professor of pharmacy practice, reported having increased participation and more robust student discussions during her 2011-12 classroom lectures.

Student pharmacists also gained additional opportunities for enhanced laboratory training, following the 2011-12 completion of shared faculty research space located on Douglas Hall's third floor.



Electrical wiring and the subsequent placement of research equipment finalized this \$1 million construction project made possible, in part, by Walgreens' support, which began in the previous academic year. Now, with the fully functional laboratory up and running, student pharmacists are working with faculty researchers on real, scientific investigations in the areas of formulation, pharmacology and medicinal chemistry.

Meanwhile, the college's faculty expanded. Under the leadership of [Ehab Abourashed, MS, PhD](#), acting department chair and associate professor of pharmaceutical sciences, filled three faculty vacancies and one staff position. As a result, the department became fully staffed with a total of nine faculty members and one research laboratory manager. Now, every member of the pharmaceutical sciences faculty has more time to engage student pharmacists in in-depth laboratory experiences and expose other CSU students to the pharmaceutical sciences through cross-campus collaborations.

The Department of Pharmacy Practice added faculty members who are distinguished practitioner/researchers in their respective fields. With the addition of these faculty members, student pharmacists gained greater opportunities to expand their knowledge around cultural competency and patient engagement. They also reaped more opportunities to gain valuable hands-on experience at some of Chicago's most vital health care sites for underserved patients.

WE LIVE IT! by offering a curriculum that cultivates analytical thinking, ethical reasoning and decision-making, intellectual curiosity, multidisciplinary and inter-professional collaboration, professionalism and service.



UP CLOSE AND PERSONAL

Professional partners, also known as preceptors, play a significant role in our efforts to infuse real-world experiences into the pharmacy curriculum.

In 2011-12, the college partnered with health care professionals representing more than 100 organizations and a spectrum of industries to immerse CSU student pharmacists in the many ways pharmacists impact patient care.

We are extremely appreciative of the amount of time and support our preceptors provide in guiding students toward professional achievement and excellence.

2011-12 PRECEPTORS

Advocate Trinity Hospital
C.S. Ted Tse

Aging Care Connections
Louise Starmann

Alexian Brothers
Lisa Reidel

American Diabetes Association
Fanai Croff

American Society of Health-System
Pharmacists
Anthea Francis
Kar Gumper

Arab American Family Services
Susan McDaniels

Bloom Township Senior Services
Sheryl Ford

Bridging the Tys to Jordan
Charlene Bailey

Calumet Township
Community Center
Annie West

The Cancer Support Center
– Homewood
Cynthia Turnquest

The Cancer Support Center –
Mokena
Christine Rosandich

Central Admixture Pharmacy
Services
Charles (Chuck) Bernardi
Caroline Nguyen

Chicago State University
Ehab Abourashed*
Abir El-Alfy*
Nadeem Fazal*
Elmer Gentry*
Yolanda Hardy*
Kumar Mukherjee*
Melany Puglisi-Weening *
Angela Riley*
Miriam Mobley Smith*

Chicago Women's AIDS Project
Jane Hereth

Community Health
Kelly Tondini

The Compounder
Lydia Lesniak

Coverage, Inc.
Mustak Vohra

Crohn's & Colitis Foundation
of America, Illinois Chapter
Michelle Le

CVS Caremark, CVS Pharmacy
Salma Abdul-Ghani
Daniela Barac
Kelly A. Caldbeck
Deepak Chande

* Indicates Chicago State University faculty members

Mark D. Doubet
 Bernard Edet
 Dawn Firlit
 Chris Ford
 Sara A. Ghannad
 Seena Kumar
 Ahmad Madieh
 Nydia Muniz
 Christopher Murdakes
 Lina Othman
 Kamlesh Patel
 Reema Patel
 Yash Patel
 Tim Pawlowski
 Sharon Pedigo
 Rana Saleh
 Prajesh Shah
 Bayan Shaker
 Saurabh Sam Sheth
 Purva Singla
 Theodore Tran
 Lisa Truhlar
 Jerome Welenc
 Anna Wojciechowski
 Carl Wright

Deborah's Place
 Antoinette Price

Dominick's Pharmacy
 Tushar Agnihotri
 Nuzia S. Babul
 Paul Balaskas
 Jennifer Brogan
 Jennifer Chan
 Olamide Davies
 Niraj Gandhi
 Emily Hensley
 Mae Kung
 Eileen Major
 Klodiana Myftari
 Kristen Richardson

Avni Shah
 Jaini Shah
 Rubin Shah
 Walter Staron

Earl K. Long Medical Center –
 Louisiana State University Health
 Care Services Division
 Paul Knecht

Edward Hines Jr. VA Hospital
 Diana Isaacs*
 Rachel Joseph
 Bhairvi A. Patel

EPI-Q, Inc.
 Carla Frye

Franciscan Physicians Hospital
 Marva L. Cooksey

GE Healthcare
 Mark Gurgone

Glen Ellyn Pharmacy
 Robert Listeck

Great Lakes Consolidated Mail
 Outpatient Pharmacy
 Mariano Franchi
 Phill Nowakowski

Halsted HealthMart Pharmacy
 Renny Kurup

Hills Drug Orland
 John Miller

Holy Cross Hospital
 Nosakhare Osayamwen

Hospice Advantage
 Krista Walthall



Illinois Poison Center/MCHC
 Carol DesLauriers

In Touch Pharmaceuticals
 Rebecca Stimley Tomich

Indiana University Health–LaPorte
 Lauren Vittetoe

Ingalls Memorial Hospital
 Laura Acevedo

Jewel-Osco Pharmacy

Rochelle Allen
 Claudia Bahnear
 Miin Bellario
 Preslava Birova
 Debbie Bloom
 Barb Bridges
 Blandina Brisku
 Kristie Bruneman
 Daphne Buckner
 Renee Canik
 Kathleen Fitzgerald Conerty
 Vickie Danaher

Guadalupe (Lupe) Guzman
 Melodee Hull
 Tammie Jordan
 Tom Jumes
 Kathleen Kenney
 Laura Lenzi
 Kristina Llanes
 Makeda Lofton
 Megan Mallar
 Amir Masood
 Jaime Montuoro
 Jocelyn Murillo
 Emily Nufer
 Michael Oliveri
 Christine Pappas
 Mitul M. Patel
 Cynthia Peca
 Matthew Princehorn
 Amy Read
 Kara Ross
 LaShon Rushing
 Kimberly Santoro
 Pink Sconza
 William Smigel
 Kris Uglietti
 Matthew Wagner

* Indicates Chicago State University faculty members



LEVEL OF PATIENT SATISFACTION WITH...

Dr. Madam Nkikina, Seema Shah, Sherry Williams, Pharm D. Candidates, Yolande...

Chicago State University College of Pharmacy, Chicago, Illinois

Questionnaire Results

| | Doctor | Nurse | Other Pharmacist |
|--|--------|-------|------------------|
| 1. How managed your Coagulation before being referred to the pharmacist? | 14 | 2 | 1 |
| 2. How I have been coming to the "Coagulation" (if I understand my medications better than...) | 1 | 1 | 0 |
| 3. How good service by the pharmacist | 1 | 3 | 0 |
| 4. How good to the have been... | 0 | 3 | 0 |
| 5. How good the pharmacist have... | 0 | 0 | 0 |
| 6. How good the "Coagulation"... | 0 | 0 | 0 |
| 7. How good the... | 0 | 0 | 0 |
| 8. How good the... | 0 | 0 | 0 |
| 9. How good the... | 0 | 0 | 0 |
| 10. How good the... | 0 | 0 | 0 |
| 11. How good the... | 0 | 0 | 0 |
| 12. How good the... | 0 | 0 | 0 |
| 13. How good the... | 0 | 0 | 0 |
| 14. How good the... | 0 | 0 | 0 |
| 15. How good the... | 0 | 0 | 0 |
| 16. How good the... | 0 | 0 | 0 |
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| 45. How good the... | 0 | 0 | 0 |
| 46. How good the... | 0 | 0 | 0 |
| 47. How good the... | 0 | 0 | 0 |
| 48. How good the... | 0 | 0 | 0 |
| 49. How good the... | 0 | 0 | 0 |
| 50. How good the... | 0 | 0 | 0 |

Results

These results imply that the majority of patients preferred having... monitor their INR and anticoagulation dosing. Very few expressed interest in... provided by the pharmacist and expressed less anxiety about their medications since... having a pharmacist manage their anti-coagulation. According to our results, patients trusted their pharmacist and would recommend this service to others. Almost all of the patients did not feel comfortable performing their own blood test at home and calling in their results to the clinic.

Managing a patient's anticoagulation is an important clinical service that pharmacists provide and results in improved patient outcomes. The fact that all patients either "agreed" or "strongly agreed" with recommending this clinical service to someone else with their condition shows not only that pharmacists play an important role in managing a patient's anticoagulation, but that they also provide a service that is clearly beneficial to patients. This becomes extremely important to the profession of pharmacy moving forward. It has been shown that pharmacist run anti-coagulation can help improve outcomes. It will be shown to show the value of a pharmacist-run service is critical in terms of being able to successfully implement new services in the future.

Limitations

Limitations of this study include the small sample size with only 17 completed surveys. In addition, the results of this study are limited only to this anticoagulation clinic and may not apply to other clinical settings. However, patient satisfaction surveys can be used to assess clinical pharmacy services in other settings. In future studies, we hope to have a more data sets in order to analyze better...

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Kmart Pharmacy
Sunday Ademuyiwa
Gary L. Alore
Jose Mario Gonzalez
Roshan M. Patel
Arti Thakkar
Carla Vinson

Law Office of Joseph J. Bogdan
Joseph J. Bogdan

Little Company of Mary Hospital
Rita Magnuson
Carl Mikota

MacNeal Hospital
DionNe Galloway-Ewing
Bernadette Hipona

Mark Drugs Roselle
Mark Mandel

Mar-Main Pharmacy
Ann Ziegert

Medco
Ami Thakkar

Medical Specialists Pharmacy
Lisa Mondie

Merck & Company
Abbey Abraham

Mercy Family Health Center
Pharmacy
Michael Smith

Mercy Hospital and Medical
Center
Heather Fields*

MetroSouth Medical Center
Abeer Khouri

Mount Sinai Hospital
Pooja Arora
Jesse Caldwell
Kitty Deng
Linda Leav
Zahra Khudeira
Janene Marshall*
Basirat Sanuth
Sameer Shah

Munster Medical Research
Foundation, Inc. (The Community
Hospital)
Jennifer Gorski

National Association
of Chain Drug Stores
Alex Adams

Natural Standard
Catherine Ulbricht

Northwestern Memorial Hospital
William Budris
John Esterly*
Lana Gerzenshtein
Michael D. Ostrander
Michael Postelnick
Rachael Prusi
Chad Richardson
Christine Tseng

Norwegian American Hospital
Charlene Hope

Oak Park Township Senior Services
Dana Ferdinand

Odyssey Hospice
Letty Pizarro

Pana Community Hospital
Michelle D. Foreman

Passages Hospice
Susan (Sue) Cholewinski

Pepid, LLC
Ivana Cvetanovic
Toussaint Ward

Pharmacy Specialists
(Claude) Terry Isler

PharMerica
Denis Antonio
Brian G. Dagamac

PLOWS Council on Aging
Riki Kauffman

Presence Our Lady of the
Resurrection Medical Center
Bina Walsh

Presence St. Joseph Hospital Elgin
John Donnici

Presence St. Mary's Hospital
Nectaria Meyer

Procter & Gamble Company
David Austin Catanzaro

Procter & Gamble Personal
Healthcare
Michael Farhat

Provena Senior Services Pharmacy
Delicia Rucker

Rehabilitation Institute of Chicago
Aimee Look

Rite Aid
Cam Tu



* Indicates Chicago State University faculty members



Roseland Community Hospital
Ahmed Bedasso
Antoine Jenkins*

RPh on the Go
Steven Sidell

Rush Copley Medical Center
Deborah A. Rehder

Rush University Medical Center
Nora Flint
Monika Gil
Sarah Hopps
Marissa Mako
Jillian Szczesiul
Roger Wilcox

Saint Anthony Hospital
Lindsay Koselke
Beth Mehling
Raymond Szrama

Salam Pharmacy
Ali Akhras

Sam's Club Pharmacy
Mitul P. Patel

Sanofi-Adventis
Benee Brown

Sherman Hospital
Patrick Uplegger

Solutions for Care
Deborah Sitz

South Shore Hospital
Donald Robbins
Naimah Shuayb

South Suburban College
Jan Keresztes

South Suburban Senior
Services of Catholic Charities
Monique' Y. James

St. Joseph Hospital
Richard Wenzel

St. Mary Medical Center
Debbie Evans
Michelle Meyer

Swedish Covenant Hospital
Zoon Park
Ramesh Patel

Target Pharmacy
Gary Levato
Valerie A. Loborec
Jean Moy
Paul Myers
Katie Snellenbarger

Touro Infirmary
Raquel Margulis

* Indicates Chicago State University faculty members

U.S. Food and Drug
Administration
Patrick Nwakama

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Luba Burman
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Kristina Dawson
Amanda Dugal
Jordan Hinkle
Heath Jennings
Reginald King
Randall Knoebel
Denise Kolanczyk
Ishaq Lat
Edward (Scott) Lozano
James Lund
Katherine Mieure
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Sandeep Parsad
Ami Patel
Nishil Patel
Natasha Pettit
Sacha Pollard
Elena Santayana
Elisabeth Simmons
Allison Thompson
Donna Vattanakul
Douglas Warda
Anne Westerman
Beth White

University of Illinois at Chicago
College of Pharmacy
Joan Stachnik

Vista Medical Center East
Kathryn Jost
Virginia Mendoza

VITAS Innovative Hospice Care
Tania Prystash

Walgreens, Walgreens Home
Infusion, Walgreens Specialty
Infusion Pharmacy
Jada Anderson
Mandy Antkiewicz
Julie Barry
Valencia Compton Bauswell
Susan Bell
Calvin Bryant Jr.
Helen Cappas
Sonya Carter
Alexandria Crumble-Walker
Edward Davis
Michael Ferro
Melissa Friedman
Ayanna Gardner
Amanda Harris
Annemarie Hocking
Hakeem Idris
Leta Knighten
Paul E. Krynski
Cornetta Levi
Barbara Limburg Mancini
Anand Mehta
Edmund Mirecki
Eric Moi
Catherine Okorie
Tonya Payton-Campbell
Amy Peters
Chara Reed

Peter Shinnick
Edward Snodgrass
Anthony Sukalo
Kim Tran
Richard A. Tremmel

Wal-Mart Pharmacy,
Wal-Mart Specialty Pharmacy
Laura Rycraft
James Soucey

Waupaca Woods Pharmacy
Jeffrey L. Oestreich

Wellcare Pharmacy
Tope Gbolagun

WellGroup Health Partners Heart
and Vascular Institute
Deborah Harper-Brown*
Sabah Hussein*
Sneha Srivastava*

White Crane Wellness Center
Joanie Schwartz



* Indicates Chicago State University faculty members

WE LIVE IT! by establishing and enhancing
community, educational and professional partnerships.

SPREADING THE WORD ABOUT AFFORDABLE HEALTH CARE

In 2011-12, Dean Miriam Mobley Smith, PharmD, professor of pharmacy practice, worked diligently to make sure all Americans will be able to understand their eligibility and ways to access health benefits under the 2010 Affordable Care Act.

As an appointed member of the nation's Advisory Panel on Education, she worked with the U.S. Department of Health and Human Services and the Centers for Medicare and Medicaid Services (CMS) to fine-tune educational messaging that explains key components of the legislation. The scope of Dr. Mobley Smith's and the advisory panel's influence will potentially reach every segment of this country's health care delivery chain — from children and adults to employers to health providers and insurance companies.

"[The advisory panel's] intent is to help ensure the success of the Affordable Care Act," Dr. Mobley Smith explained. "We function as sort of a listening panel. We ask a number of questions and offer recommendations for making proposed educational materials more accessible."

The American Association of Colleges of Pharmacy nominated Dr. Mobley Smith for a two-year term on the 24-member advisory panel, citing her expertise in delivering community-based health care in minority and senior populations. She was appointed by CMS Administrator Donald Berwick in 2011, shortly after President Barack Obama signed the new health care legislation. She began a second two-year term in July 2013.



IMPROVING HEALTH OUTCOMES

The purpose of the college's mission and all other supporting activities is to bring better health outcomes to the people of Chicago, the residents of Illinois and the national public.

CSU student pharmacists embraced the college's commitment to better health outcomes during academic year 2011-12.

First-year student pharmacists enrolled in the *Professional Practice II- Public Health and Wellness* course and practicum helped nearly 300 senior adults complete enrollment papers for a state Medicaid assistance program that held potential for ensuring the seniors' continuity of care. Although the state program was discontinued in late 2012 due to budget constraints, CSU student pharmacists continue to lobby state legislators to reinstate the program.

Also, as part of the *Care of the Geriatric Patient* course, second-year student pharmacists adopted "Senior Buddies" at the Abbott Park Senior Satellite Center on Chicago's South Side. Once connected, the future pharmacists addressed common obstacles that prevent seniors from taking their medications as prescribed.

Each pharmacy student reviewed the senior buddy's prescription medications and identified any side effects or socio-economic challenges related to that medication regimen. The future pharmacists then educated their senior about the importance of adhering to their prescribed medication schedule and the availability of lower-cost drugs that could help make their medications more affordable.

Adults of all ages benefitted when CSU student pharmacists offered high blood pressure, diabetes and high cholesterol checks; medication therapy management consultations; and public education materials at campus health fairs. In September 2012, student pharmacists administered these clinical services in conjunction with the university's Jazz in the Grazz outdoor jazz concert series. Additionally, the future



pharmacists engaged more than 200 adults — mostly residents of Chicago's South Side — in conversations about their health condition and how to lead a heart healthy lifestyle. This outreach initiative was made possible by funding provided by a National Association of Chain Drug Stores Foundation Million Hearts Team Up, Pressure Down community grant.

The Department of Pharmacy Practice, under the leadership of Department Chair and Associate Professor Dolores Nobles-Knight, PharmD, MPH, continued to widen the college's network of health service sites where student pharmacists gain experience delivering patient-centered care. With the addition of new clinical faculty members — with practice sites at Mt. Sinai Hospital, Mercy Hospital and Medical Centers, and Rush University Medical Center — the college expanded its number of health partnerships. At the same time, the college broadened its reach in underserved populations in Chicago's West, Near West and South Side communities.

WE LIVE IT! by enabling students and faculty to provide patient-centered care to diverse patient populations through the safe, evidence-based and cost-beneficial use of medications.



A GLOBAL APPROACH TO PUBLIC HEALTH

In 2012, fourth-year student pharmacists Robin Carney and Carlos Gomez, along with faculty mentor Sabah Hussein, PharmD, clinical assistant professor of pharmacy practice, traveled to remote Mayan communities in Guatemala to administer much-needed health services to children and adults with very low incomes.

While in the Central American country, the CSU volunteers counseled patients, recommended therapies and dispensed medications. Additionally, Carney, Gomez and Dr. Hussein provided triage services and worked as interpreters for several health care providers on the mission.

The CSU volunteers functioned as part of an international cadre of health professionals that also delivered medical and dental services on behalf of DOCARE International, a non-profit medical outreach organization.

This goodwill mission was part of an elective, *Advanced Pharmacy Practice Experience (APPE)*.

MENTORSHIP

The personal and professional development of student and faculty scholars is a key component of the college's mission. In academic year 2011-12, the college's faculty and students championed this notion in extraordinary ways.

CSU faculty members inspired student pharmacists to set ambitious career goals and pursue postgraduate pharmacy education in 2011-12. Most members of the college's faculty have completed a postgraduate pharmacy residency. Faculty members have also completed fellowships and postdoctorate studies. Following this impressive example set by their faculty mentors, more than 10 percent of Class of 2012 alumni went on to pursue residencies and fellowships after graduation.

In 2011-12, faculty researchers guided students into the national spotlight at pharmacy research competitions and professional industry meetings. For example, under the guidance of Associate Professor [Ehab Abourashed, MS, PhD](#), fourth-year student pharmacists [Ketur Darji](#) and third-year student [Saad Awan](#) won first and third place awards, respectively, at the 2012 Spring Symposium and Student Research Conference in Science, Technology, Engineering and Mathematics.

During the 2011 meeting of the Illinois Pharmacists Association, fourth-year student [Robin Carney](#), mentored by [Diana Isaacs, PharmD](#), received second place in the Student Pharmacist Patient Counseling Competition. And, with mentoring from [Melany P. Puglisi-Weening, PhD](#), 2011 pharmacy student [Nora C. Kirby-Swenson](#) received a 2012 Walmart scholarship award for a research poster presented at the American Association of Colleges of Pharmacy annual meeting.

Student pharmacists, in turn, committed to becoming mentors themselves. In 2011-12 the college laid the groundwork for its Future Pharmacists Enrichment Program, which is now under way. This program exposed a small group of pre-student pharmacists to the profession through a series of workshops, seminars, laboratory exercises and field experiences. Each pre-pharmacy student received a pharmacy student mentor who was expected to establish a collegial relationship with their mentee and serve as an academic role model.

CSU students outside of the college also benefitted from the mentorship of the pharmacy faculty. In 2011-12, the Department of Pharmaceutical Sciences joined the College of Liberal Arts and Sciences in leading the university's Research Initiative in Science Education (RISE) program. This science immersion program for underrepresented minority undergraduates — supported by a National Institutes of Health grant — exposed CSU students to the spectrum of physical and health sciences. Today, three RISE students are pursuing careers in pharmacy.

WE LIVE IT! by fostering an environment for student engagement that encourages leadership in campus, public and professional communities.

LEADING BY EXAMPLE

PHARMACIST OF THE YEAR



Dean Miriam Mobley Smith, PharmD, professor of pharmacy practice, received the 2012 Chauncey I. Cooper Pharmacist of the Year Award. This honor — bestowed by the National Pharmaceutical Association in recognition of her continuous contributions and distinguished service to the pharmacy profession — represents the association's highest distinction given to individuals.

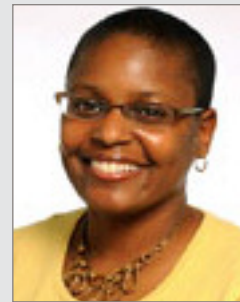
Additionally, Dean Mobley Smith received recognitions for providing outstanding service to advance the quality and accessibility to senior health care services for older adults. In December 2011, she received the AgeOptions Service Leadership Award.

BOWL OF HYGEIA



Sabah Hussein, PharmD, clinical assistant professor of pharmacy practice, received the 2011 Bowl of Hygeia award. This award, which honors only one pharmacist from each state annually for outstanding civic and community involvement, is jointly sponsored by the American Pharmacists Association and the National Alliance of State Pharmacy Associations.

PHARMACY LEADERSHIP AWARD



The National Pharmaceutical Association honored Yolanda Hardy, associate professor of pharmacy practice, with its Terrence Burroughs Pharmacy Leadership Award. This prestigious award recognizes pharmacists who serve as role models, contribute to the profession through volunteer community-leadership positions, and have demonstrated a strong commitment to serving the community.

PATENT PENDING



In collaboration with the University of Mississippi, Abir El-Alfy, PhD, assistant professor of pharmaceutical sciences, has filed for a U.S. patent relating to her research titled "Anxiolytic Effect of Pterostilbene." This drug lead has been licensed to Chromadex, a natural products company based in Irvine, Calif.

WE LIVE IT! by recruiting, hiring and retaining qualified faculty from diverse populations who will be engaged as teachers, scholars, researchers, service providers, mentors and leaders.

THOUGHT LEADERSHIP JULY 1, 2011 – JUNE 30, 2012

Nationwide visibility of the CSU College of Pharmacy continues to grow with the mounting reputation of our faculty. Throughout 2011-12 faculty members served as industry leaders and made significant contributions to the dialogue that continues to advance pharmacy education, patient care and discoveries in the pharmaceutical sciences.

LEADERSHIP APPOINTMENTS

Carmita A. Coleman, PharmD, MAA, associate dean of pharmacy student affairs and associate professor of pharmacy practice, was appointed to the National Partnership Network, a component of the Effective Health Care Program operated by the U.S. Department of Health and Human Services' Agency for Healthcare Research. Dr. Coleman, who also serves as executive director of the Student National Pharmaceutical Association (SNPhA), chaired the first SNPhA/Rite Aid Leadership Academy, which hosted 45 student pharmacists from across the country at the 2012 SNPhA National Meeting in Las Vegas.

Deborah Harper-Brown, PharmD, clinical associate professor of pharmacy practice, was re-appointed to a second, three-year term on the American Journal of Pharmaceutical Education editorial board.

Dolores Nobles-Knight, PharmD, MPH, chair and associate professor of pharmacy practice, was re-elected to the Illinois Pharmacists Association Board of Directors.

Melany Puglisi-Weening, PhD, assistant professor of pharmaceutical sciences, was appointed to a three-year term as a research associate at the Smithsonian National Museum of Natural History.

Angela Riley, PharmD, assistant professor of pharmacy practice, was appointed to the Alzheimer's Association's Greater Illinois Chapter Board of Directors. In this position, Dr. Riley and other board members met with U.S. Senator Dick Durbin to discuss important legislation impacting Alzheimer's disease.

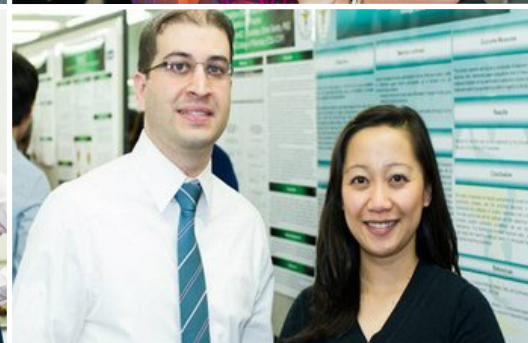
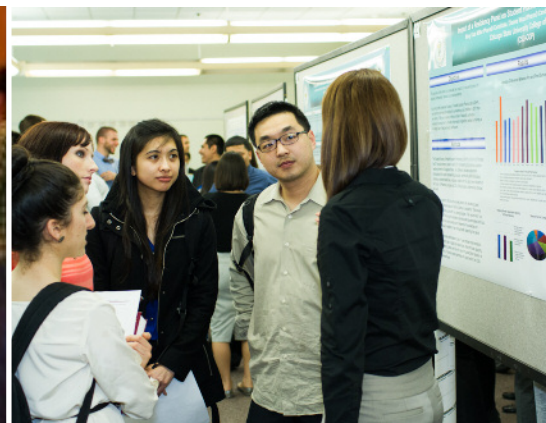
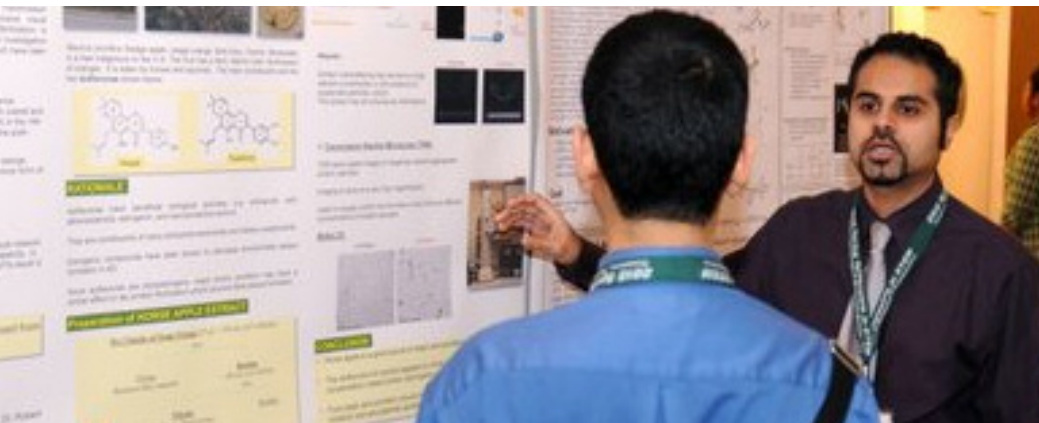
Miriam Mobley Smith, PharmD, dean and professor of pharmacy practice, was appointed to serve a two-year term on the Centers for Medicare and Medicaid Services Advisory Panel on Outreach and Education.

PUBLICATIONS

Abourashed EA, Mikell JR, Khan IA. "Bioconversion of Silybin to Phase I & II Microbial Metabolites With Retained Antioxidant Activity," *Bioorganic & Medicinal Chemistry*, no. 20 (2012): 2784-2788.

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Do DP. "Drug Delivery Systems for Cancer Therapeutics," *US Pharmacist Oncology Supplement*, 36, no. 9 (2011): 12-15.

Do DP, Rizvi SAA. "Epigenetic Changes in Melanoma and the Development of Epigenetic Therapy for Melanoma," *Research on Melanoma - A Glimpse into Current Directions and Future Trends* (2011): 19-34.

Griffith MM, Gross AE, Sutton SH, Bolon MK, Esterly JS, Patel J, Postelnick MJ, Scheetz MH. "Anti-infective Drug Shortages and Impact for Hospitals in the United States: Trends and Causes," *Clinical Infectious Disease* 54(5), no. 3 (2012): 684-691. Epub 2012 Jan 19.

Isaacs D, Esterly JS. "Optimizing the Management of Hepatitis B and C," *U.S. Pharmacist*, 36, no.8 (2011): HS17-HS26.

Maxwell CB, Jenkins AT. "Drug-Induced Heart Failure," *American Journal of Health System Pharmacy*, 68 (2011) 1791-1804.

Marshall JL. "Drug-Induced Lupus," *U.S. Pharmacist*, no. 1 (2012).

Ryan G, Marshall JL. "Challenges in Lipid Lowering Therapy." *PowerPak CE*, 2011.

Walker M, Henderson V, Marshall JL, Sampson CN, Pounds T, Owen P. "Incidence and Outcome of Critical Illness Related Corticosteroid Insufficiency in Trauma Patients," *The American Surgeon*, no. 77(5) (2011): 579-585.

LECTURES, POSTER PRESENTATIONS AND PANEL DISCUSSIONS

Ehab Abourashed, MS, PhD, associate professor of pharmaceutical sciences, was a guest speaker at the Nonprescription Medicines Academy's annual meeting in Cincinnati. He was also invited to present a seminar titled "Phytochemical Analysis From Fingerprinting to Marker Identification" at the Chicago Botanic Garden. Both events took place in October 2011.

Carmita A. Coleman, PharmD, MAA, associate dean of pharmacy student affairs and associate professor of pharmacy practice, delivered podium presentations entitled "Pointers for Social and Business Success" and "Tenets of Leadership and Its Impact on Pharmacy Practice" during the 2012 Student National Pharmaceutical Association National Meeting in Las Vegas.

John Esterly, PharmD, assistant professor of pharmacy practice, co-authored and presented posters entitled "Evaluation of Antiretroviral Drug Interactions With Warfarin: A Case-control Study," "Evaluation of Urine Cultures With Enterococcus: Correlation With Clinical Infection and Assessment of Treatment Options," and "Broad Spectrum Antibiotic Consumption and Correlations to Carbapenem Intermediate or Resistant Enterobacteriaceae" during the American Society of Health-System Pharmacists' 2011 Midyear Clinical Meeting in New Orleans.

Additionally, Dr. Esterly delivered the podium presentation titled "Optimizing Pharmacy Services Through Electronic Clinical Surveillance" during the University Health-Systems Consortium Pharmacy Council's 2011 annual meeting in Chicago. He also presented "Searching for Clues in Infectious Diseases: Suggested Resources for the Generalist" at the Illinois Council of Health-



System Pharmacists' 2012 spring meeting in Normal, Ill. Both podium presentations offered continuing education credit.

Yolanda Hardy, PhD, assistant professor of pharmaceutical sciences, delivered a podium presentation titled "Dietary Approaches for Managing Chronic Diseases: DASH, TLC and other Diets" at the 2012 meeting of the National Pharmaceutical Association in Las Vegas.

Deborah Harper-Brown, PharmD, Sabah Hussein, PharmD, and Diana Isaacs, PharmD, discussed medication adherence in the panel presentation titled "Medical Adherence: Challenges and Opportunities for Pharmacy" during the Illinois Pharmacists Association's annual meeting, which took place in Springfield, Ill.

Diana Isaacs, PharmD, assistant professor of pharmacy practice, and Deborah Harper-Brown, PharmD, associate professor of pharmacy practice, both discussed "Inter-professional Education and the Pharmacist" as panelists at the North Suburban Pharmacists of Chicagoland's monthly meeting. Dr. Harper-Brown also discussed career opportunities in academic and clinical

pharmacy during a speed-mentoring workshop and luncheon for high school and college undergraduate students at Rush University.

Charisse Johnson, PharmD, MPH, director of experiential education and assistant professor of pharmacy practice, delivered a podium presentation titled "Diversity Training for Leaders" during the 2012 meeting of the Student National Pharmaceutical Association in Las Vegas.

Janene Marshall, PharmD, clinical assistant professor of pharmacy practice, presented a poster titled "Argatroban Dosing Evaluation Amongst Medical Patients in a Community Hospital" at the 2011 annual meeting of the American College of Clinical Pharmacy in Pittsburgh. She also delivered the podium presentation titled "Who Runs the World? Girls! Updates on Women's Health, Focusing on Contraception" during the 2012 meeting of the National Pharmaceutical Association in Las Vegas.

Additionally, Dr. Marshall co-authored and presented the poster titled "Hyperglycemia and Insulin Practices in a Community Hospital" during the 46th American Society of Health-System

Pharmacists Midyear Clinical Meeting and Exhibition in New Orleans. She also co-authored and presented the poster titled "Treatment of Heparin-Induced Thrombocytopenia: Argatroban Dosing Evaluation" at the 32nd American College of Clinical Pharmacy's annual meeting in Pittsburgh.

Dolores Nobles-Knight, PharmD, MPH, chair and associate professor of pharmacy practice, co-authored and presented the poster titled "Availability of Pharmacist-Provided Services in Urban Neighborhoods: A Descriptive Study" during the American Pharmacists Association's 2012 annual meeting in New Orleans.

Angela C. Riley, PharmD, assistant professor of pharmacy practice, presented "Preceptor Potpourri: Ideas and Tricks for Geriatric Pharmacy Clerkships" at the 2011 annual meeting of the American Society of Consultant Pharmacists in Phoenix, Ariz.

Rosalyn Vellurattil, PharmD, director of Capstone and Milemarker experiences, presented "Managing Migraines in Adults and Children" at the 2012 annual meeting of the American Pharmacists Association in New Orleans.



FACULTY AND STAFF

The average community pharmacist is expected to be a compassionate caregiver, an excellent researcher, a business innovator and a patient advocate on any given day. In 2011-12, college faculty prepared student pharmacists to wear each of these hats through example and encouragement.

NEW ARRIVALS

The college welcomed several new faculty members to the departments of Pharmacy Practice and Pharmaceutical Sciences during academic year 2011-12. With these appointments, the college is now poised to break new ground in offering research education opportunities for student pharmacists and in pursuing competitive, grant-funded investigations on behalf of the college.



Cindy Arocena, PharmD,
clinical assistant professor
of pharmacy practice



Michael Bradaric, PhD,
assistant professor
of pharmacology



Rebecca Castner, PharmD,
clinical assistant professor
of pharmacy practice



Carmita A. Coleman,
PharmD, MAA,
associate dean of student
affairs and associate professor
of pharmacy practice



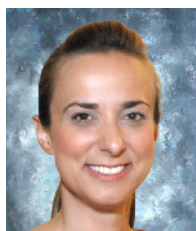
Michael Danquah, MS, PhD,
assistant professor
of pharmaceutics



Heather Fields,
PharmD, MPH,
clinical assistant professor
of pharmacy practice



Marketa Marvanova,
PhD, PharmD,
clinical associate professor
of pharmacy practice



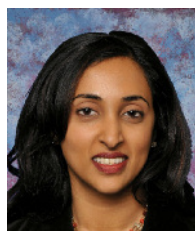
Tatjana Petrova, PhD,
assistant professor
of pharmacy administration



Anna Ratka, PhD, PharmD
chair and professor
of pharmaceutical
sciences



Jozef Stec, PhD,
assistant professor
of medicinal chemistry



Rosalyn Vellurattil, PharmD,
capstone director and
associate professor of
pharmacy practice



Louis Wright,
executive director
of development



Marcella Dillard,
customer service
representative II



Keela Finley Drummond,
office administrator



LaTania Milner,
office administrator

FACULTY AND STAFF ROSTER

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Miriam A. Mobley Smith, PharmD, dean; Louis Wright, executive director of development; Yolanda Solarte, office administrator

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Elmer J. Gentry, PhD, associate dean; Rosalyn Vellurattil, PharmD, capstone director; Beverly Talluto, PharmD, director of continuing education; LaTania Milner, office administrator

OFFICE OF STUDENT AFFAIRS

Carmita A. Coleman, PharmD, MAA, associate dean; Allison Rose, PsyD, assessment/learning specialist; Sultan Farabee, recruitment coordinator; Amalia Diaz, program advisor; Stephanie Berry, business support specialist; Marcella Dillard, customer service representative II

DEPARTMENT OF PHARMACEUTICAL SCIENCES

Anna Ratka, PhD, PharmD, chair and professor; Ehab Abourashed, PhD, associate professor; Michael Bradaric, PhD, assistant professor; Michael Danquah, MS, PhD, assistant professor; Duc Do, PhD, assistant professor; Abir El-Alfy, MS, PhD, assistant professor; Nadeem Fazal, MD, PhD, associate professor; Elmer J. Gentry, PhD, associate professor; Mohammad Newaz, MD, PhD, associate professor; Melany Puglisi-Weening, PhD, assistant professor; Josef Stec, PhD, assistant professor; Vera Lynn Hilliard, lab support specialist; Daniel Pietryla, research lab technician specialist; Keela Drummond Finley, office administrator

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Dolores Nobles-Knight, PharmD, MPH, chair and associate professor; Yolanda Hardy, PharmD, assistant chair and associate professor; Cindy Arocena, PharmD, clinical assistant professor; Jay Bogdan, PharmD, JD, instructor; Don Brower, BS Pharm, instructor; Rebecca Castner, PharmD, clinical assistant professor; Carmita A. Coleman, PharmD, MAA, associate professor; John Esterly, PharmD, clinical assistant professor; Heather Fields, PharmD, MPH, clinical assistant professor; Deborah Harper-Brown, PharmD, clinical associate professor; Sabah Hussein, PharmD, clinical assistant professor; Diana Isaacs, PharmD, clinical assistant professor; Antoine Jenkins, PharmD, clinical assistant professor; Charisse Johnson, PharmD, MS, associate professor; Janene Marshall, PharmD, clinical assistant professor; Marketa Marvanova, PhD, PharmD, clinical associate professor; Kumar Mukherjee, PhD, MS, assistant professor; Tatjana Petrova, PhD, assistant professor; Angela Riley, PharmD, assistant professor; Joseph Slonek, PhD, RPh, assistant professor; Miriam A. Mobley Smith, PharmD, professor; Sneha Srivastava, PharmD, associate professor; Beverly Talluto, PharmD, MS, professor; Rosalyn Vellurattil, PharmD, associate professor; Elysia Ganier, program administrative assistant

OFFICE OF EXPERIENTIAL EDUCATION

Charisse L. Johnson, PharmD, MS, director; Angela Riley, PharmD, introductory pharmacy practice experience coordinator; Don Brower, BS Pharm, advanced pharmacy practice experience coordinator; Kalea Whitmore, MBA, program specialist; Tamaría Thomas, administrative support

WE LIVE IT! by recruiting, hiring and retaining staff dedicated to supporting the educational mission.



The Pharmacy Advisory Council provides guidance and input into the continued growth and sustainment of the Chicago State University College of Pharmacy.

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Director of Pharmacy
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Sudhir Manek
Registered Pharmacist
and
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Aurora Pharmacy

Erin Meeker
Pharmacy Campus
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Talent Acquisition Department
Walgreen Co.

Mitzi Wasik
Regional Director,
Clinical Pharmacy
Coventry Healthcare

Norma Williams
President/CEO
NJW Companies

Janeen Winnike
Director of Pharmacy Recruiting
Supervalu Pharmacies, Inc.

Rhonda Yates
System Director of Pharmacy
John H. Stroger Jr. Hospital

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The Advancement Council is comprised of leaders from various business industries who are interested in furthering the vision and mission of Chicago State University College of Pharmacy.

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Phillip Burgess Consulting, LLC

Ed Cogan
Regional Manager
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Angela Ellington
Vice President for Ethnic Haircare
L'Oreal

Christopher Gandy
Senior Vice President
Water Tower Financial Partners, LLC

John W. Grant
Market Vice President
Walgreen Co.
Quentin Love
President
I Love Food Group

Mark Pilkington
Vice President, Managed Care
Cardinal Health Inc.

Chris Thomsen
Vice President
Kirby Lester, LLC

CONTINUING EDUCATION



Continuing Education (CE) will soon be offered during College of Pharmacy preceptor and alumni events and other CSU gatherings. The college's Office of Academic Affairs is in the process of submitting its application to gain CE provider status.

WE LIVE IT! by providing programs and services that promote a supportive atmosphere for lifelong learning and continued personal and professional development for students, alumni, faculty and staff.

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Annual Report written by Cassie Richardson, RTM Communicatons



We have sincere appreciation for each of our corporate and individual supporters who have made an investment in our mission.

Gifts to the college make it possible for us to educate and develop future pharmacists, faculty scholars, patient advocates and pharmacy practitioners who will safeguard our profession, and above all, enhance available health care in our underserved communities.

Thank You.



CHICAGO STATE UNIVERSITY
COLLEGE OF PHARMACY

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