

ASHP Foundation

DISCOVERIES

An ASHP Foundation publication following our journey to foster safe and effective medication use

ASHP Foundation Recognizes Excellence in Health-System Pharmacy

Individuals and institutions receive awards in medication use safety, pharmacy residency training and pharmacy literature

The ASHP Foundation held three awards ceremonies during the 2006 ASHP Midyear Clinical Meeting in Anaheim, California, from December 3-7. We are proud to recognize the following individuals and institutions that were honored.

2006 Award for Excellence in Medication-Use Safety

Alaska Native Medical Center (ANMC) is the recipient of the 2006 Award for Excellence in Medication-Use Safety, the only award program to honor pharmacist-led multidisciplinary teams for significant institution-wide system improvements relating to medication use. The award, which is sponsored by the Cardinal Health Foundation, also honors two finalists.

More than 150 guests attended the 2006 Excellence Luncheon at the Anaheim Marriott on December 3rd, where the recipient and finalists were announced. All three teams were featured in a video presentation and recognized publicly. "This award honors the leadership and teamwork necessary to effect positive organizational changes for the good of patients," said Sandy Rigopoulos, Chair of the Cardinal Health Foundation.

ANMC was awarded for its innovative initiative, the Southcentral Foundation Telepharmacy Program, which sought to improve pharmaceutical care to its patient population of more than 36,000, spread out over a nearly 2,000-mile area with limited transportation options.

ANMC's multidisciplinary team, led by Capt. Doug Herring, R.Ph., determined that a telepharmacy solution was best-suited for the challenges presented by distance, weather, and lack of available pharmacists. Its 2 years of operation has had enormous impact on health care in the region.



Alaska Native Medical Center's team accepts its 2006 award. Pictured are (l to r): Susan Childers, Acting Administrator, ANMC; Sally Smith, Chairman of the Board, ANMC; Captain Gary Givens, Chief of Pharmacy Services, ANMC; Commander Judy Rose, Manager of the rural Anchorage Service Unit pharmacies, SCF; James Segura, Chairman of the Board, SCF; and Captain Douglas Herring, Chief of Pharmacy Services, SCF, and Assistant Chief of Pharmacy Services, ANMC.

"On behalf of the Alaska Native Medical Center, I would like to thank the ASHP Foundation and the Cardinal Health Foundation for recognizing us with this prestigious award," said Herring. "In order to improve medication-use safety in our often weather-challenged and isolated villages, we had to elicit the help of many different partners, including a variety of sister Tribal corporations. By working together with a committed team of interdisciplinary professionals, we were able to bring real-time pharmaceutical care to patients as far as 1,200 miles from the nearest road or pharmacy."

Finalist McLeod Regional Medical Center, located in Florence, South Carolina, launched its Pharmacy Management to reduce medication errors. Headed by Natasha Nicol, Pharm.D., the redesigned medication safety process includes a progressive pharmacy service, a non-punitive and confidential error-reporting system, electronic medication administration records and a medication safety education program that decreased the rate of harmful events by 90%.

In 2000, a multidisciplinary team at finalist St. Joseph's/Candler Health System, Inc. (SJC), in Savannah, Georgia, con-

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Chairitable Thoughts

From the Chair of the ASHP Foundation Board of Directors



The key to success

Pharmacists today provide sophisticated services to their patients to optimize medication use. In order to be a successful clinician, a pharmacist must be a capable and confi-

dent leader. One must lead on behalf of the patient to ensure that drug therapy is safe and effective, and one must lead in working collaboratively with other health professions to serve patient care needs.

The stories in this issue of *Discoveries* lend credence that leadership is the key to success as a practicing pharmacist. We see such leadership displayed in pharmacists' success in conducting practice research, publishing in the biomedical literature, leading change for improved medication use on an organizational level and in leading the pharmacy enterprise in hospitals and health systems. The ASHP Foundation is committed to ensuring that patients receive optimal medication outcomes. Our strategy for achieving this end goal is to provide programs that enhance pharmacists' capabilities to lead on a host of levels; clinical practice, conducting pharmacy practice research, and effecting organizational change resulting in safer and more efficient systems of care. The establishment of the Center for Health-System Pharmacy Leadership is one more bold step in the Foundation's strategy to make a difference.

Read about these marvelous accomplishments of your peers and our plans for the Center in this issue. Take pride in being a pharmacist. But don't stop there! Think about what you can do to better serve patients. Consider what the ASHP Foundation can do to help you and your colleagues. Perhaps it is a traineeship, one of our educational programs, a research grant or an opportunity to showcase your accomplishments through one of our awards program. Enhance your leadership skills to advance the profession.

Jill Martin, Pharm.D., Chair,
ASHP Foundation Board of Directors

HOT TOPIC

SUBJECTS IMPACTING THE PROFESSION TODAY

Center for Health-System Pharmacy Leadership: Open for Business

On December 1, 2006, RAdm,(ret) Richard S. Walling became Director of the ASHP Foundation's new Center for Health-System Pharmacy Leadership. Discoveries spoke with Walling about his plans for the Center and what the next year will bring.

The Center is an endeavor that has been talked about within the Foundation, ASHP and its membership for some time now, so it is exciting to see it come to fruition. What attracted you to the Center and the challenge of launching it?

The Foundation and ASHP are completely different environments from any I have worked in before, and that is one of the things that attracted me to the Center and the ASHP Foundation – I like new challenges. The other factor was that the leadership crisis has been talked about, both in ASHP and within pharmacy in general for some time now, and action is needed.

When I was the Chief Pharmacist Officer with the Public Health Service, leadership was certainly an area that was a frequent topic of discussion. In the corps, we incorporated leadership development as part of the officer's career progression. The corps had distinct aspects of position responsibilities for pharmacists to develop leadership skills. When I saw the announcement for the Director position, it struck me that I could take what I had learned in my career and help pharmacists that are linked to ASHP in their careers. I've been a member of ASHP for 20 years, so I know ASHP and the Foundation as quality and visionary organizations that are focused on both current and future professional leadership. Pharmacy and the practice environment are changing so fast that we have to look ahead. The Center can play a critical role in the future of pharmacy evolution.

Right now, people have great expectations for the Center. At the 2006 Midyear Clinical Meeting, the general feedback I heard was "fix it now!" But the fix will take some time, given the complexities in leadership and in the way the nation's health care systems are evolving. The Center has to look at what's happening now and try to help fill in the gaps that exist. But we must also challenge people's thinking about what's going to happen down the road, how the mix of health care professions might change, how technology might affect the skills needed to manage the pharmacy operation, and what kind of leadership is needed.

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What do you envision happening with the Center in this first year of operation?

Fortunately, we are not starting from scratch. Prior to my coming on board, ASHP and ASHP Foundation leadership worked with Georgetown University Department of Health Systems Administration and MedStar Health. Their collaboration has given us a foundation upon which to build. Clearly, we have two immediate things to do: We have to establish the initial focus of our work, and we have to establish partnerships. Organizational focus and planning are key to ensuring we have the capacity to support programming that will be valuable to practitioners.

Partnership development is also critical. Leadership is a very “now” topic, and everyone seems to be interested in the subject. We need to explore which interested parties who are best suited for collaborative projects and how we might best partner with them.

We are very fortunate to already have one key partner: Amgen has committed significant resources to the development of a Pharmacy Leadership Academy, and so this will be the first programmatic thrust for the Center. The academy will be targeting current directors of pharmacy or people who are aspiring to those positions. We hope to have selected the first class by the end of this year.

What else will the Center offer to pharmacists?

The Center will begin by focusing on five areas: We want to assist and enhance the knowledge and skills of current and

aspiring pharmacy directors. In talking with students and new clinical pharmacists, we have learned that leadership is a subject to which they have had limited exposure. We want to focus on new practitioners and developing leadership skills within this group. There are basic leadership skills that are important for all pharmacists, no matter what career path is followed.

We want to educate the executive leadership of health systems who may not recognize the pharmacy leadership crisis or don't know what to do to address it. Some health care systems, such as the Veterans Administration, do understand it and are addressing the problem. But some health care systems do not understand the potential crisis that is evolving. Those are people whom we want to influence.

There are also hospital or health-system pharmacies that are not affiliated with a system, such as those in rural areas and small hospitals that might be interested in leadership development opportunities. We want to talk to them and find innovative mechanisms to address their needs.

Down the road, we'll also be looking at whether there is a need to credential pharmacists who take these leadership roles and lead a pharmacy enterprise.

Lastly, we need to conduct a more in-depth review and analysis of leadership issues, as Sara White suggested in her paper (*Am J Health-Syst Pharm*, 2005; 62:845-55). This is the Center's role: to ask questions and gather information about the future needs for effective health-system pharmacy leadership and then to effectively address those needs. ✱

INFUSIONS BREAKING NEWS AND KEY RESOURCES

St. Joseph's/Candler Health System, located in Savannah, Georgia, was named a finalist in the 2006 Award for Excellence in Medication-Use Safety competition for its efforts to improve its IV medication administration process. SJC implemented smart pump technology in every patient care area and is now a consultant to other hospitals and health systems considering using this type of technology. If you would like to learn more about smart pump technology, visit the SJC Web site at <http://www.sjchs.org/body.cfm?id=38&action=detail&ref=137>. You may also contact Carolyn K. Williams, Medication Safety Specialist, St. Joseph's/Candler Health System, Inc., 5353 Reynolds Street, Savannah, GA 31405; 912-819-6742; williamsc@sjchs.org.

Take 30 seconds to save a life — did you know that smokers are more likely to quit if advised to do so by health professionals? Yet most pharmacists never ask their patients whether they smoke, and even fewer advise their patients who smoke to quit. For

detailed information about helping patients with tobacco cessation, visit ASHP's Tobacco Cessation Resource Center at www.ashp.org/s_ashp/quart2d.asp?CID=504&DID=546.

Medication adherence is a critically important aspect of safe and effective medication use. A 2003 report (http://www.emro.who.int/ncd/Publications/adherence_report.pdf) from the World Health Organization provides global perspectives on the issue of medication adherence and disease-specific reviews. Scientists at Walter Reed Army Medical Center in Washington, DC, recently published (<http://jama.ama-assn.org/cgi/content/full/296/21/2563>) a study of pharmacist care that demonstrated the value of the pharmacist's impact on patient adherence to medication therapy. In some cases, the reason for non-adherence is economic in nature. The ASHP web site (http://www.ashp.org/s_ashp/subindex2.asp?CID=488&DID=530) contains valuable information on pharmaceutical patient assistance programs. ✱

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ducted a medication safety self-assessment and discovered a need to improve the IV medication administration process. The SJC team led by Ray Maddox, Pharm.D., chose to implement smart infusion technology in every patient care area. They also established infusion safety goals and a staff education program that included computer-based and hands-on training. As an early adopter of smart pump technology, SJC has become a model for other institutions looking to implement similar systems.

ANMC will present its work at an educational session at the ASHP 2007 Summer Meeting in San Francisco, California. For more details about these teams' initiatives, to see a special video presentation of the winners, and for information about applying for the 2007 Award for Excellence in Medication-Use Safety (the competition is now underway), visit www.excellenceinmeduse.org.

2006 Literature Awards

On Monday, December 4th the 2006 Literature Awards breakfast was held to honor the recipients of these awards, which recognize important contributions to the biomedical literature in five categories. Immediately following the breakfast, the awardees were also recognized at the 2006 ASHP Midyear Clinical Opening General Session.

The 2006 Literature Award recipients are as follows:

Award for Sustained Contributions to the Literature of Pharmacy Practice

John D. Grabenstein, Ph.D., Ed.M., M.S.Pharm., R.Ph., FASHP
Director, Military Vaccine Agency
Office of Army Surgeon General
Falls Church, VA

Award for Innovation in Pharmacy Practice in Health Systems

“Using a Bar-Coded Medication Administration System to Prevent Medication Errors in a Community Hospital Network”

Julie A. Sakowski, Ph.D., Thomas Leonard, R.N., M.P.A., Susan Colburn, R.N., Beverly Michaelsen, M.B.A., Timothy Schiro, Pharm.D., James Schneider, R.Ph., and Jeffrey M. Newman, M.D., M.P.H.

AJHP 2005; 62:2619-2625.

Sutter Health, CA

Sutter Roseville Medical Center, Roseville, CA

Drug Therapy Research Award

“The Impact of ACE Inhibitors or Angiotension II Type 1 Receptor Blockers on the Development of New-Onset Type 2 Diabetes”

Craig I. Coleman, Pharm.D., C. Michael White, Pharm.D., FCCP, FCP, Effie L. Kutu, Pharm.D., Michael J. Kardas, Pharm.D., and Michael Lindberg, M.D.

Diabetes Care 2005; 28:2261-2266.

University of Connecticut School of Pharmacy, Storrs, CT
Hartford Hospital, Hartford, CT



Dr. John Grabenstein (R) proudly accepts the 2006 Award for Sustained Contributions to the Literature of Pharmacy Practice from ASHP Foundation Chair Jill Martin.



The recipients of the 2006 Pharmacy Residency Excellence Awards display their plaques. Pictured (from L to R) are: University of Wisconsin representatives David Zilz, Thomas Thielke, and Steven Rough; John Valgus; and Brian Erstad.

Pharmacy Practice Research Award

“Clinical and Economic Outcomes of Pharmacist-Managed Aminoglycoside or Vancomycin Therapy”

C.A. (CAB) Bond, Pharm.D., FASHP, FCCP, and Cynthia L. Raehl, Pharm.D., FASHP, FCCP

AJHP 2005; 62:1596-1605.

Texas Tech University Health Sciences Center-Amarillo

Student Research Award

“Pharmacist Impact on Clinical Outcomes in a Diabetes Disease Management Program via Collaborative Practice”

Patrick J. Kiel, Pharm.D., and Amie D. McCord, Pharm.D., BCPS
Annals of Pharmacotherapy 2005; 39:(11):1828-32.

Midwestern University, Chicago, IL

For more information about these awards, please visit the ASHP Foundation Web site at www.ashpfoundation.org/Awards/litAwards.cfm.

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AWARDS

See "ASHP Foundation Recognizes Excellence in Health-System Pharmacy" on page 1.

RESEARCH GRANTS

2006 Federal Services Junior Investigator Research Grant

Study Title: Pharmacist-Led Telehealth Disease Management in Patients with Diabetes and Depression

Junior Investigator: Lisa B. Cohen, Pharm.D.
Senior Investigator: Paul A. Pirraglia, M.D.
Veterans Administration Medical Center
Providence, RI

Study Title: Predictors of Poor Patient Adherence to HIV Antiretrovirals Among Veterans and Development of a Clinical Decision Tool: A National Study

Junior Investigator: Joanne LaFleur, Pharm.D.
Senior Investigator: Jonathan R. Nebeker, M.D.
University of Utah College of Pharmacy
Salt Lake City, UT

2006 Pharmacy Resident Health Services Research Grant

Study Title: Description of Medication Strategies Utilized by Medicare Beneficiaries When Reaching the Direct Pay Medication Cap

Resident Investigator: Amber L. Cronk, Pharm.D.
Senior Investigator: Tammy L. Humphries, Pharm.D.
Kaiser Permanente Colorado Region
Aurora, CO

Study Title: Effect of Depression on Diabetes Control and Medication Adherence in Underserved Patients

Resident Investigator: Michelle L. Flynn, Pharm.D.
Senior Investigator: (Devra) Khanh Dang, Pharm.D.
Saint Francis Hospital and Medical Center
Hartford, CT

Publication of Foundation-Funded Studies

Skibinski KA, White BA, Lin LI, Dong Y, Wu W. Effects of technological interventions on the safety of a medication-use system. *Am J Health Syst Pharm*; 2007: 64:90-6.

Kramer JS, Hopkins PJ, Rosendale JC, Garrelts JC, Hale LS, Nester TM, Cochran P, Eidem LA, Haneke RD. Implementation of an electronic system for medication reconciliation. *Am J Health Syst Pharm*; 2007: 64:404-22.

Lee JK, Grace KA, Taylor AJ. Effect of a pharmacy care program on medication adherence and persistence, blood pressure, and low-density lipoprotein cholesterol: a randomized controlled trial. *JAMA*; 2006: 296:2563-71. Epub 2006 Nov 13.

TRAINEESHIPS

2006 Antithrombotic Pharmacotherapy Traineeship

Duke University Medical Center
Durham, NC

Preceptor: Michelle Crocker, Pharm.D.

Mandi E. Poplawski, Pharm.D.
Clinical Pharmacist II
Sinai Hospital of Baltimore
Silver Spring, MD

Karen Siegel, Pharm.D.
Clinical Pharmacist
Winter Haven Hospital
Kissimmee, FL

Thomas Jefferson University
Philadelphia, PA
Preceptor: Lynda Thomson, Pharm.D.

Andrew D. Meyer, Pharm.D.
Clinical Pharmacist/Antithrombotic Management Service Coordinator
Johns Hopkins Bayview Medical Center
Baltimore, MD

George Z. Shehatta, Pharm.D.
Clinical Coordinator
Clara Maass Medical Center
Belleville, NJ

UC Davis Medical Center
Davis, CA
Preceptor: William E. Dager, Pharm.D.

Edward L. Coffey, B.S.
Senior Pharmacist
UTMB CMC Pharmacy
Huntsville, TX

Dale E. English II, Pharm.D.
Clinical Pharmacist
Kettering Medical Center-Sycamore Hospital
Miamisburg, OH

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2006 Pharmacy Residency Excellence Awards

The inaugural Pharmacy Residency Excellence Awards Reception and Awards Ceremony was held on Saturday, December 2nd, at the Anaheim Marriott. More than 400 preceptors, residents, and ASHP members gathered to honor their colleagues receiving these awards, which are sponsored by Amgen, Inc. "This award celebrates the achievements of pharmacy residency programs and their preceptors," stated Jill Martin, Chair of the ASHP Foundation. "These achievements are reflected through the professional success of every graduate of our award winners' residency programs."

The 2006 Pharmacy Residency Excellence Awards recipients are as follows:

Preceptor Award

Brian L. Erstad, Pharm.D.
University of Arizona College of Pharmacy and

the Arizona Health Sciences Center
Tucson, AZ

New Preceptor Award

John M. Valgus, Pharm.D., BCOP
University of North Carolina Hospitals and Clinics
Chapel Hill, NC

Program Award

University of Wisconsin Hospital and Clinics
Two-Year Residency Program in Health-System
Pharmacy Administration
Madison, WI

For more information about these awards, please visit the ASHP Foundation Web site at <http://207.188.222.40/>. ✱

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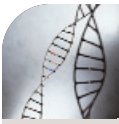
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INTERACTIONS

THE ASHP FOUNDATION CALENDAR OF EVENTS

Currently Available

- Applications for the 2007 ASHP Foundation Medication Safety Team Grant
- Applications for 2007 Award for Excellence in Medication-Use Safety
- Nomination forms for the 2007 ASHP Foundation Literature Awards
- Applications for the 2007 Cardiovascular Risk/Dyslipidemia Traineeship
- Applications for the 2007 Pharmacy Residency Excellence Award

April 1

- Applications available for 2007 Federal Services Junior Investigator Research Grant
- Applications available for 2007 Pharmacy Resident Research Grant

May 7

- Deadline for 2007 Award for Excellence in Medication-Use Safety applications

May 15

- Deadline for 2007 ASHP Foundation Medication Safety Team Grant applications
- Deadline for 2007 Cardiovascular Risk/Dyslipidemia Traineeship applications

June 1

- Deadline for 2007 ASHP Foundation Literature Awards nominations

June 25

- ASHP Foundation 2007 Annual Donor Recognition Breakfast, San Francisco, California

July 1

- Deadline for 2007 Pharmacy Residency Excellence Awards applications

September 15

- Applications available for 2007 Oncology Traineeship

September 23

- Walter Jones Golf Classic, the ASHP Foundation's charitable golf tournament to benefit the ASHP Student Leadership Awards

November 1

- Deadline for 2007 Pharmacy Resident Research Grant applications

November 15

- Deadline for 2007 Oncology Traineeship applications

December 1

- Deadline for 2007 Federal Services Junior Investigator Research Grant applications

***Please note that all applications, nomination forms and instructions are available to download from the ASHP Foundation's Web site at www.ashpfoundation.org.**

INSIDE THIS ISSUE

- Meet the 2006 ASHP Foundation awardees!
 - New Director Speaks About Center for Health-System Pharmacy Leadership.
 - Newest trainees and grantees announced.
- Discovers is published three times a year by the American Society of Health-System Pharmacists Research and Education Foundation.

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