



## UH Receives AACP Service Award, Grants for Houston Homeless Clinic

UH College of Pharmacy student and faculty volunteers working with a Houston homeless clinic received one of four Student Community-Engaged Service Awards from the American Association of Colleges of Pharmacy.

The award recognized the UHCOP team's ongoing activities through the Houston Outreach Medicine, Education and Social Services (H.O.M.E.S.) Clinic, an interprofessional, student-run clinic in downtown Houston operating under the auspices of the nonprofit Healthcare for the Homeless-Houston (HHH).

The collaboration of UHCOP, BCM, UH Graduate College of Social Work, Baylor College of Medicine, and the schools of Medicine and Public Health at The University of Texas Health



*UHCOP's Dean Lamar Pritchard, Pharm.D. student and the first UH Executive Director of the HOMES Clinic Kim Anh Pham, and faculty preceptor David Wallace accept the Community Engaged Service Award at the AACP Annual Meeting in Chicago in July.*

Science Center-Houston (UTHealth) has served more than 3,000 patients since its launch in 2000.

The clinic is open every Sunday to ensure access to needed services on a day when most other healthcare providers are closed while also reducing the use of hospital emergency rooms for non-life-threatening conditions.

The award includes grants totaling \$15,000, which will be used to restock and expand the on-site pharmacy, including inhalers for asthma and other lung conditions, antibiotics, vaccines, and psychiatric drugs,

as well as purchase four tablets and online pharmaceutical reference subscriptions for the clinic. The awards are sponsored by Teva Pharmaceuticals.

## College Recognizes Top Community, Clinical and Faculty Preceptors for Excellence in 2012-13 Academic Year

At UH College of Pharmacy's Graduation Awards Reception in May, the college honored community, clinical and faculty pharmacists for excellence in precepting during the 2012-13 academic year:

**Community Preceptor of the Year - Steven Villareal, Kroger's Pharmacy;**

**Health Systems Pharmacy of the Year - TIRR Memorial Hermann Hospital;**

**Health Systems Preceptor of the Year - Jennifer Russell, Kingwood Medical Center;**

**Ambulatory Care Preceptor of the Year - Annie Mathew, Garland Health Center/Parkland Health and Hospital;**

**Clinical Preceptor of the Year - Jimmy Constable, San Jacinto Methodist Hospital; and**

**Faculty Preceptor of the Year - Anne Tucker.**

## Lokhanwala Earns \$1.3M NIH Grant to Study Transcriptional Pathways of Oxidative Stress in Hypertension

**Mustafa F. Lokhandwala, Ph.D.**, UHCOP professor and executive vice dean for research, has received a \$1.3 million National Institutes of Health grant to study the role and mechanisms of redox-sensitive transcription factor pathways in the development or mitigation of oxidative stress-related hypertension as a potential novel therapeutic strategy to counter the multifactorial disease.

Studies have suggested that oxidative stress is a major risk factor, while polyphenols have favorable effects on cardiovascular diseases. However, the cause and effect relationship between oxidative stress and hypertension and mechanisms of beneficial effects of polyphenols is still elusive, which prevents the development of evidence-based dietary recommendations of these compounds.





## Student News

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### UH Student Named Schweitzer Fellow, Ambrose Scholar

Pharm.D. student **Jag Maturi** was selected as a 2013-14 Houston-Galveston Schweitzer Fellow by the Albert Schweitzer Fellowship and a 2013 Paul Ambrose Scholars Program, a joint initiative of the Association for Prevention Teaching and Research and the U.S. Department of Health and Human Services' Office of Disease Prevention and Health Promotion. Maturi is developing outreach projects to promote healthier lifestyles and improve access to health resources among the South Asian community, the homeless population and fellow students in the Houston area.

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### IPSF Hosts 2 Exchange Students in Houston

The International Pharmacy Student Federation Committee of the UH Chapter of the American Pharmacists Association-Academy of Student Pharmacists will serve as hosts for international pharmacy students from The Netherlands and Egypt for three weeks from mid-August to early September. The exchange students will learn about U.S. pharmacy practice, education and research with site visits to academic, community and clinical pharmacy settings.

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### SNPhA Chapter, Students Gain National Recognition

The UH chapter of the Student National Pharmaceutical Association finished 4th in the nation and 2nd in the region, as well as in the top 3 among "large" chapters, at the SNPhA Annual Conference July 26-29 in New Orleans. The chapter also received the 2013 National Convention Registration Award among the "large" chapters, with 36 UH attendees.

UH Chapter 2012-13 president **Ashley L. Tran** was a finalist for the J.B. Hills SNPhA President of the Year Award. Fellow members **Diana Garcia** and **Patrick Maranon** were elected to national offices of Corresponding Secretary and Region IV Facilitator, respectively, and **Michael "Danny" Jean** was appointed to the new position of Head of Interprofessional Relations. Pre-pharmacy members/Fall 2013 P1 students **David Pham** and **Tracey Thomas** were selected to attend the Rite Aid Leadership Academy.

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### Students Take 2nd in Event, Earn Scholarships at TPA

The UH team of **Jenny Collins**, **Linda Ehlig**, **Kasey Kellar** and **Marisa Smith** placed second in the NASPA/NMA Student Pharmacists Self-Care Championship at the Texas Pharmacy Association 2013 Conference & Expo July 25-27

in Frisco. UH students **Kim Anh Pham** and **Rachel Harvey** received a Texas Pharmacy Foundation Scholarship and the TPF Larry "Neal" McClaugherty Scholarship, respectively.

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### UH Kappa Epsilon Chapter Receives Recruitment Award

The UH Upsilon chapter of the Kappa Epsilon Professional Pharmacy Fraternity received the Outstanding New Member Recruitment Award at the national organization's annual meeting July 17-20 in Richmond, Va.

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### SSHP Chapter, Members Receive Awards, Scholarships

The UH Chapter of the Student Society of Health-System Pharmacists received the Service Excellence Award for Residency Education and Advocacy Awareness Innovation Award, while SSHP member **Morgan Payne** received a Special Recognition Award for her video documentary promoting student attendance at the annual seminar. The following students received 2012-13 TSHP Research & Education Foundation scholarships: **Zachary Kirk – Gulf Coast Society of Health-System Pharmacists Leadership Scholarship**; **Melanie E. Laine – James T. Doluisio Scholarship**; **Amy Lehnert – Glenda Lawson McRee Scholarship**; and **Tara Molina – Celso and Matiana M. Cuellar Sr. Scholarship**.

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### UH Student Selected for USPHS SCROSTEP Program

P4 Pharm.D. student **Martin Newton** was selected for the Senior Commissioned Officer Student Training and Extern Program of the U.S. Public Health Service. The program provides USPHS pay and benefits to senior-level students in return for a service commitment to work for the Commissioned Corps after graduation at a minimum period equal twice the time sponsored.

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### Memorial Hermann, UH LCEP Program Expands

A Longitudinal Clinical Experiential Program between UHCOP and Memorial Hermann Healthcare System has been expanded, with five P4 students taking part in the program. Intended to better prepare students for post-graduate residencies and clinical pharmacy careers, the LCEP requires P4 students to complete five of the seven required Advanced Pharmacy Practice Experiences within the Memorial Hermann system. Four students participated in a pilot of the program during the 2012-13 academic year.





## Faculty News

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**Rajender R. Aparasu**, MPharm, Ph.D., professor, was recently named to a two-year term on the Honorary International Editorial Board of *Drugs & Aging*. Aparasu also has accepted an invitation to serve on the new national Review Panel of the Patient-Centered Outcomes Research Institute (PCORI).

**Elizabeth A. Coyle**, Pharm.D., BCPS, clinical professor and assistant dean for Assessment, has received a \$3,000 grant from Target for her project, "Continued Leadership and Professionalism Beyond Pharmacy School."

**Joydip Das**, Ph.D., has been promoted to associate professor of Medicinal Chemistry, effective Sept. 1.

**E. James Essien**, M.D., Dr.P.H., professor, served on the Special Emphasis Panel on grant applications for vaccine trials and other therapeutic approaches (ZAI1-BP-A-S3) in June as well as on the Behavioral and Social Science Approaches to Preventing HIV/AIDS (BSPH) Study section for the AIDS and Related Research Integrated Review Group of the NIH's Center for Scientific Review in July.

**Kevin W. Garey**, M.S., Pharm.D., chair of the Department of Clinical Sciences & Administration, has been promoted to Professor, effective Sept. 1. Garey served on an expert panel at the June 2013 U.S./E.U. Working Group for the Transatlantic

Taskforce on Antimicrobial Resistance organized by the European Center for Disease Prevention and Control and the U.S. Center for Disease Control and Prevention.

**Catherine Hatfield**, Pharm.D., clinical professor and director of Introductory Pharmacy Practice Experiences, was honored with the national 2012-13 Outstanding Chapter Advisor Award by the Kappa Epsilon Professional Pharmacy Fraternity at KE's 49th Annual Convention July 17-20 in Richmond, Va. Hatfield also has been appointed as an ex-officio member of the Baylor College of Medicine Medical Student Curriculum Committee, while BCM's Elizabeth Nelson, M.D., senior associate dean for Medical Education, has been appointed to the UHCOP Pharm.D. Curriculum Committee. The appointments are intended to strengthen and expand the interprofessional collaboration projects between the two institutions.

**Dhara N. Shah**, Pharm.D., has been promoted to clinical assistant professor, effective Sept. 1.

**Vincent H. Tam**, Pharm.D., BCPS-AQ (ID), has been promoted to Professor, effective Sept. 1.

**Matthew A. Wanat**, Pharm.D., BCPS, clinical assistant professor, has been appointed to the *TSHP Journal* editorial board.

## Research News

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**Diana S-L. Chow**, Ph.D., professor, has received a \$59,000 grant from the Christopher and Dana Reeve Foundation for her project, "Pharmacokinetics and Pharmacodynamic Evaluations of Riluzole in 36 Acute Spinal Cord Injured (ASCI) Patients," which is part of an ongoing clinical trial collaboration with the Methodist Research Institute and the North American Clinical Trial Network/Christopher and Dana Reeve Foundation.

**Kevin W. Garey**, M.S., Pharm.D., chair of the Department of Clinical Sciences & Administration, has received a \$133,000 grant from Merck & Co. for his project, "Development and validation of Clostridium difficile infection health-related quality of life instrument." Garey and co-investigator **Dhara N. Shah**, Pharm.D., research assistant professor, have received a \$97,315 grant from Cubist Pharmaceuticals for the project, "Impact of CB-183,315 exposure on in vitro inflammatory response" and a \$79,177 grant from Merck & Co. for the project, "Pathomicrobiologic characteristics of Clostridium difficile recurrence."

**Randall A. Prince**, Pharm.D., professor, has received a \$16,900 grant from The University of Texas M.D. Anderson Cancer Center for his project, "In vitro Bactericidal Activity

of Telavancin against Gram-positive Clinical Isolates from a Cancer Center"; a \$15,277 grant from M.D. Anderson Cancer Center for an "Amphotericin B Project"; and a \$12,600 grant from M.D. Anderson Cancer Center with co-investigator **Elizabeth A. Coyle**, clinical professor, for the project, "In-vitro Activity of Dalbavancin and Comparator Agents Against Gram-Positive Isolates From Patients with Cancer."

**Chalada Suebsuwong**, a first-year UH Chemistry graduate student conducting her thesis research with UHCOP Assistant Professor **Greg Cuny**, Ph.D., won the Lemke Poster Award at the 40th Annual MALTO Medicinal Chemistry-Pharmacognosy Meeting-in-Miniature at the University of Arkansas for Medical Sciences, Little Rock, Ark., May 19-21.

**Vincent H. Tam**, Pharm.D., BCPS-AQ (ID), has received a \$20,000 grant from Texas Children's Hospital for "Development of a vasopressin assay in human serum."

**Romi Ghose**, Ph.D., assistant professor, has received a \$10,000 award from the Northwest Bean Growers Association for her project, "Role of dietary bean supplementation in improving fatty liver disease."





## Recent Publications

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Application of the nonlinear Blinder-Oaxaca decomposition to study racial/ethnic disparities in antiobesity medication use in the United States. **Mehta HB**, Rajan SS, **Aparasu RR**, **Johnson ML**. Res Social Adm Pharm. 2013 Jan-Feb;9(1):13-26. doi: 10.1016/j.sapharm.2012.02.006.

Factors that influence student completion of course and faculty evaluations. **Hatfield CL**, **Coyle EA**. Am J Pharm Educ. 2013 Mar 12;77(2):27. doi: 10.5688/ajpe77227.

Risk of pneumonia in elderly nursing home residents using typical versus atypical antipsychotics. **Aparasu RR**, **Chatterjee S**, **Chen H**. Ann Pharmacother. 2013 Apr;47(4):464-74. doi: 10.1345/aph.1R510.

Alternative monitoring of argatroban using plasma-diluted thrombin time. **Wanat MA**, Hart SR, Putney D, Liebl MG, Chandler W. Ann Pharmacother. 2013 Apr;47(4):e18. doi: 10.1345/aph.1R644.

Angiotensin AT(2) receptor contributes towards gender bias in weight gain. Samuel P, Khan MA, **Nag S**, Inagami T, **Hussain T**. PLoS One. 2013;8(1):e48425. doi: 10.1371/journal.pone.0048425.

MicroRNAs and Recent Insights into Pediatric Ovarian Cancers. Francis JC, Kolomeyevskaya N, **Mach CM**, Dietrich JE, Anderson ML. Front Oncol. 2013 Apr 30;3:95. doi: 10.3389/fonc.2013.00095.

Crofelemer, a novel antisecretory agent approved for the treatment of HIV-associated diarrhea. Yeo QM, **Crutchley R**, Cottreau J, **Tucker A**, **Garey KW**. Drugs Today (Barc). 2013 Apr;49(4):239-52. doi: 10.1358/dot.2013.49.4.1947253.

A validated ultra-performance liquid chromatography-tandem mass spectrometry method for the quantification of polymyxin B in mouse serum and epithelial lining fluid: application to pharmacokinetic studies. **He J**, Gao S, **Hu M**, **Chow DS**, **Tam VH**. 2013 May;68(5):1104-10. doi: 10.1093/jac/dks536.

High-dose induction liposomal amphotericin B followed by de-escalation is effective in experimental *Aspergillus terreus* pneumonia. Lewis RE, Albert NP, Liao G, Wang W, **Prince RA**, Kontoyiannis DP. J Antimicrob Chemother. 2013 May;68(5):1148-51. doi: 10.1093/jac/dks521.

Revolving door action of breast cancer resistance protein (BCRP) facilitates or controls the efflux of flavone glucuronides from UGT1A9-overexpressing HeLa cells. Wei Y, **Wu B**, **Jiang W**, Yin T, Jia X, **Basu S**, Yang G, **Hu M**. Mol Pharm. 2013 May 6;10(5):1736-50. doi: 10.1021/mp300562q.

Inhibitory neuron and hippocampal circuit dysfunction in an aged mouse model of Alzheimer's disease. Hazra A, Gu F, Aulakh A, Berridge C, **Eriksen JL**, Ziburkus J. PLoS One. 2013 May 17;8(5):e64318. doi: 10.1371/journal.pone.0064318.

Optimization of benzoxazole-based inhibitors of *Cryptosporidium parvum* inosine 5'-monophosphate dehydrogenase. Gorla SK, Kavitha M, Zhang M, Chin JE, Liu X, Striepen B, Makowska-Grzyska M, Kim Y, Joachimiak A, Hedstrom L, **Cuny GD**. J Med Chem. 2013 May 23;56(10):4028-43. doi: 10.1021/jm400241j.

Use of and attitude toward complementary and alternative medicine: understanding the role of generational influence. **Sansgiry SS**, **Mhatre SK**, Artani SM. Altern Ther Health Med. 2013 May-Jun;19(3):10-5.

Grape powder supplementation prevents oxidative stress-induced anxiety-like behavior, memory impairment, and high blood pressure in rats. Allam F, **Dao AT**, **Chugh G**, Bohat R, Jafri F, **Patki G**, Mowrey C, **Asghar M**, **Alkadhi KA**, **Salim S**. J Nutr. Jun;143(6):835-42. doi: 10.3945/jn.113.174649

PF4/heparin antibody testing and treatment of heparin-induced thrombocytopenia in the intensive care unit. **Wanat M**, Fitousis K, Hall J, Rice L. Clin Appl Thromb Hemost. 2013 Jun;19(3):297-302. doi: 10.1177/1076029612438709


Treadmill exercise prevents learning and memory impairment in Alzheimer's disease-like pathology. **Dao AT**, **Zagaar MA**, Levine AT, **Salim S**, **Eriksen JL**, **Alkadhi KA**. Curr Alzheimer Res. 2013 Jun 1; 10(5):507-15.

Chronic treatment with DCPCX, an adenosine A1 antagonist, worsens long-term memory. **Vollert C**, **Forkuo GS**, **Bond RA**, **Eriksen JL**. Neurosci Lett. 2013 Jun 6. doi:pii: S0304-3940(13)00499-0. 10.1016/j.neulet.2013.05.052.

Role of  $\alpha 7$ - and  $\alpha 4\beta 2$ -nAChRs in the neuroprotective effect of nicotine in stress-induced impairment of hippocampus-dependent memory. **Alzoubi KH**, **Srivareerat M**, **Tran TT**, **Alkadhi KA**. Int J Neuropsychopharmacol. 2013 Jun; 16(5):1105-13.

Prescribers and Pharmacists Requests for Prescription Monitoring Program (PMP) Data: Does PMP Structure Matter? **Fleming ML**, Chandwani H, Barner JC, Weber SN, Okoro TT. J Pain Palliat Care Pharmacother. 2013 Jun;27(2):136-142.

Identification of the activator-binding residues in the second cysteine-rich regulatory domain of protein kinase C $\theta$  (PKC $\theta$ ). **Rahman GM**, Shanker S, Lewin NE, Kedei N, Hill CS, Prasad BV, Blumberg PM, **Das J**. Biochem J. 2013 Jul 1;453(1):153.

 UH Faculty Author

 UH Student/Fellow/Resident/Recent Graduate Author

