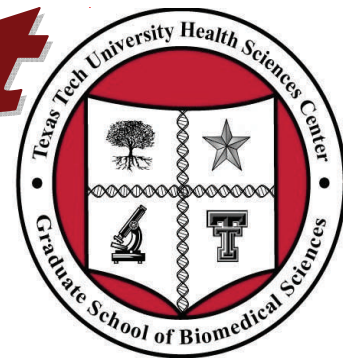




# Agonist



The Official Newsletter for the  
Graduate Program of  
Pharmaceutical Sciences  
Amarillo, Texas



## UPDATE FROM DR. ABRUSCATO

2009 has continued to be a growth year for the Graduate Program in Pharmaceutical Sciences. While graduating 4 Ph.D. Students in spring and summer terms of 2009, we admitted 10 new Ph.D. students for the fall semester. This increases our total enrollment to 39 total graduate students in Pharmaceutical Sciences. Recent graduates continue to get hired into excellent scientific positions. Of the recent 4 graduates, 3 have been appointed as Assistant Professor at HSC institutions and one will begin a postdoctoral fellowship. With a total of 33 graduates in Pharmaceutical Sciences, we have decided that we are at a point to sponsor a yearly “Homecoming Seminar”, whereby we will invite one of our past graduates to give a seminar highlighting their recent scientific work after graduating from Pharmaceutical Sciences. This will be a great opportunity for Faculty and Students to see the fruits of our labor. I look forward to this new addition to our program. I also urge all faculty and lab staff to attend our **Graduate Program in Pharmaceutical Sciences Seminar Program**, which occurs **every Wednesday at 4:00 PM in SOP 107**. This is a great opportunity to see the latest research of our Graduate Students which continues to support the research mission of our school. Best of luck in your research and thanks for all your hard work in keeping our Graduate Program in Pharmaceutical Sciences a success! ■

## Kunal Taskar Attends CVB2009 in Japan



Dr. Smith and Kunal

The 8th Cerebral Vascular Biology International Conference was held in Sendai, Japan, located 180 miles north of Tokyo, June 28 - July, 2009. Kunal had the honor of attending the conference at the invitation of his advisor, Quentin Smith, Ph.D., Senior Associate Dean for Sciences. He was given an Outstanding Presentation Award for his poster and short oral presentation entitled “Blood-brain barrier permeability and active efflux transport of drugs used in the treatment of metastatic breast cancer,” **Kunal Taskar**, Vinay Rudraraju, Satyanarayana Goda, Helen Thorsheim, RK Mittapalli, Paul Lockman, Diane Palmieri, Patricia Steeg, Quentin Smith. ■



← Kunal with Dr. Yuichi Sugiyama, the #1 cited man in the field of Pharmacology in the world for the past ten years. →

Dr. Tetsuya Terasaki, conference chair of CVB2009, presenting Kunal his award.



## GPSS OFFICE

**Dr. Tom Abbruscato, Associate Dean for GSBS,  
Graduate Program Advisor, Pharmaceutical Sciences  
Teresa Carlisle, Graduate Program Coordinator  
Shari Morris, Graduate Student Advisor**

Agonist is published every fall and spring semester by the Graduate Program of Pharmaceutical Sciences (GPSS). For updates and new information, email Shari at [shari.morris@ttuhsc.edu](mailto:shari.morris@ttuhsc.edu).

## Fall 2009 Issue 4

### What's Inside

Graduates & Dissertations	2
Student Research Week	3
Research Days Marsh Lecture	4, 5
Awards & Scholarships AACR Publications	6
Publications What's New?	7
Convocation New Students	8
Appreciation Dinner New AAPS & GSAA Officers	9
GSAA Pictures and Awards	10

## GRADUATES AND DISSERTATIONS

### SPRING 2009 PH.D. GRADUATES



**Katie Bennett**  
Lab of Dr. James Stoll

**Dissertation Presented**  
**March 18, 2009**

Brain Transport Systems:  
Characterization of the  
Basal Forebrain Choline  
Transporter, Novel Organic  
Cation Transporters and  
Lipocalin 2

**Chandan Thomas**  
Lab of Dr. Fakhru Ahsan

**Dissertation Presented**  
**March 23, 2009**

Respirable Particulate Carriers  
for Pulmonary Delivery of  
Hepatitis B Vaccine

**GSBS Outstanding Graduate  
Student for 2009**



**Professional Information:**

**Katie Bennett, Ph.D.**

Assistant Professor of Laboratory Sciences and Primary Care  
TTUHSC  
Clinical Laboratory Sciences Program  
Molecular Pathology Program  
3601 4th St, STOP 6281  
Lubbock, TX 79430  
[katie.bennett@ttuhsc.edu](mailto:katie.bennett@ttuhsc.edu)

**Chandan Thomas, Ph.D.**

Assistant Professor of Pharmaceutical Sciences  
Lake Erie College of Osteopathic Medicine and  
School of Pharmacy  
Department of Pharmaceutical Sciences  
5000 Lakewood Ranch Blvd.  
Bradenton, FL 34211  
[cmthomas@lecom.edu](mailto:cmthomas@lecom.edu)

### SUMMER 2009 PH.D. GRADUATES

**Nikhil Vad**  
Lab of Dr. Majid Moridani

**Dissertation Presented**  
**June 19, 2009**

Phenolic Compounds as  
Anti-Melanoma Agents: A  
Selective Melanoma Targeted  
Prodrug Approach



**Lloyd Alfonso**  
Lab of Dr. Jayarama Gunaje

**Dissertation Presented**  
**May 8, 2009**

Acetylation-Mediated  
Modulation of p53 Target Gene  
Expression by Aspirin:  
Implications for Chemotherapy

**Professional Information:**

**Nikhil Vad, Ph.D.**

Postdoctoral Fellow  
TTUHSC  
Department of Cell Biology & Biochemistry  
School of Medicine  
3601 4th St, STOP 6540  
Lubbock, TX 79430  
[nikhil.vad@ttuhsc.edu](mailto:nikhil.vad@ttuhsc.edu)

**Lloyd Alfonso, Ph.D.**

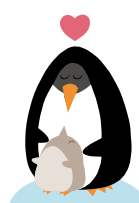
Assistant Professor of Pharmaceutical Sciences  
DYC School of Pharmacy  
320 Porter Avenue  
Buffalo, NY 14201  
[alfonsol@dyc.edu](mailto:alfonsol@dyc.edu)



**Imam Hussain Shaik**  
Lab of Dr. Reza Mehvar

**Dissertation Presented**  
**August 31, 2009**

Role of Cytochrome  
P450 in Hepatic Ischemia-  
Reperfusion Injury in Rats



**Born to Sarah Seth Willis: Charlie  
Jacklyn Willis, Dec. 6th, 7 lb 11 oz,  
18.5 in.**

**Born to Li Yang: Avery Yuhui Wang,  
Feb. 12th, 8 lb 10 oz, 51 cm.**

**Born to Kaci Bohn: Brogan Elizabeth  
Bohn, June 16th at 2:11 pm, 6 lb 14  
oz.**

A  
g  
o  
n  
i  
s  
t



## Student Research Week 2009 “Molecular Pathways of Cancer”

Thirteen graduate students represented the Amarillo campus at the 21st Annual Student Research Week, organized by the Graduate Student Association, March 3rd through 6th at the TTUHSC campus in Lubbock. The theme was Molecular Pathways of Cancer. Speakers included Dr. John Minna, UT Southwest; Dr. Hamid Band, University of Nebraska Medical Branch; Dr. Pradipta Gosh, University of California at San Diego; and Dr. Richard Gaynor from Eli Lilly; with the keynote presentation by Dr. Timothy Triche, University of South California. ■

### PRESENTATIONS

**K.A. Bohn**, R.K. Mittapalli, K.S. Taskar, V. Rudraraju, C.E. Adkins, Q.R. Smith and P.R. Lockman. Microvascular Density in a Murine Model of Brain Metastasis of Breast Cancer

**S. Goda**, F. C. Thomas, H. Thorsheim, Kunal S. Taskar, Vinay Rudraraju, J. Gaasch, R. Gabathuler and Q. R. Smith. Brain Uptake of ANG1005 - a Novel Paclitaxel-Peptide Vector Conjugate with Improved Blood-Brain Barrier Transport

**Prabodh K. Kandala** and Sanjay K. Srivastava. Activation of Chk2 by BR-DIM is required for causing G2/M arrest in Human ovarian cancer cells

**Shashi Kudugunti**, Nikhil Vad and Majid Moridani. In vitro and in vivo investigation of CAPE as an anti-melanoma agent

**VK Manda**, RK Mittapalli, and PR Lockman. Nicotine and cotinine inhibit P-glycoprotein at the Blood Brain Barrier

**Mittapalli RK**, KA Bohn, JM Egbert, VK Manda, V Rudraraju, KS Taskar, JA Gaasch, QR Smith and PR Lockman. Permeability Measurements At Blood-Brain and Blood-Tumor Barrier Using Different Molecular Weight Fluorescent markers

**Vinay Rudraraju**, Fancy C. Thomas, Kunal Taskar, Satyanarayana Goda, Julie Gaasch, Rajender Mitapalli, Paul Lockman, Diane Palmieri, Patricia Steeg and Quentin R. Smith. Uptake of Suberoylanilide hydroxamic Acid, a Histone Deacetylase Inhibitor, into Brain Metastases of Breast Cancer

**Arun Satelli**, Prema S. Rao, Seshadri Thirumala, Amit Trehan and U. S. Rao. Galectin-4, Wnt Signaling and Colorectal cancer

**Rachita K. Sumbria**, Jochen Klein and Ulrich Bickel. Microdialysis as a tool to study the dynamics of blood-brain barrier opening

**K. S. Taskar**, V. Rudraraju, H. Thorsheim, F.C. Thomas, J. Gaasch, R. Mittapalli, C. Adkins, K. Bohn, P. Lockman, P. Steeg, D. Palmieri, J. W. Polli, S. X. Castellino, S. D. Rubin, Q. R. Smith. Distribution of Dual Tyrosine Kinase Inhibitor Lapatinib in Brain Metastases of Breast Cancer

**Nikhil M. Vad**, Shashi K. Kudugunti and Majid Y. Moridani. In vitro toxicity and in vivo efficacy of Aspirin as an anti-melanoma drug

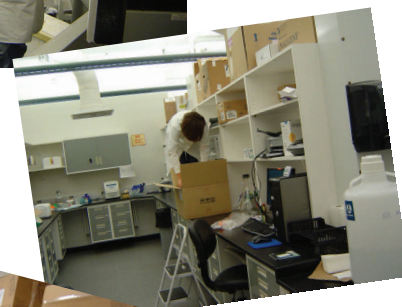
**Yan Xu**, Jon A Weidanz and Ulrich Bickel. Characterisation of HLA-A2 expression in A2 transgenic mouse strains

**Shuangling Zhang** and K.S. Mark. Liver Fibrosis Induced Blood-brain Barrier Disruption ■



**Li Yang, Kaushik Shah and Dr. Abbruscato** prepare for lab relocation.

**Somebody's packing!**



**Hussaini Syed Sha Qhattal** in Dr. Liu's new lab at the ARB.





### 2009 Research Days and the Marsh Lectures

June 16th and 17th the Amarillo TTUHSC-SOP Campus was the host for the Eighth Annual Research Days and the Twelfth Annual Wendy & Stanley March 3 Endowed Lectureship in Pharmacology & Neurochemistry of Substance Abuse/Addiction. Research Days brings together students, faculty and residents from each TTUHSC-SOP campus to showcase research activities that took place at the pharmacy school and in the Department of Pharmaceutical Sciences over the past year. Fulton Crews, Ph.D., was the keynote speaker for Research Days and the featured speaker at the Marsh

Lectureship. He is director for the University of North Carolina's Skipper Bowles Center for Alcohol Studies, and professor of pharmacology and psychiatry at UNC. On June 16th his lecture was "The Neurobiology of Alcohol: Good, Bad, and Ugly" and June 17th "Mechanisms of Brain Degeneration and Regeneration in Alcohol Dependence and Recovery" for the School of Medicine Medical Grand Rounds. ■

### PRESENTATIONS

**C. Adkins**, R. Mittapalli, K. Bohn, K. Taskar, V. Manda, Q. Smith, P. Lockman. Quantitative Fluorescent Microscopy to Determine Permeability Changes in Brain Adjacent to Tumor

Brandon T. Cooper, **Prabodh K. Kandala** and Sanjay K. Srivastava. Activation of Chk2 by BR-DIM is required for causing G2/M arrest in Human ovarian cancer cells

**Shashi Kudugunti**, Nikhil Vad, Majid Moridani. Investigation of Ester Prodrug of Caffeic acid as a Novel and Potent Anti-Melanoma Agent

**Shashi Kudugunti**, Majid Moridani, Ramakrishna Samala. Lactic Acid, hyper-acidic media and hypoxia diminish 4-hydroxyanisole induced toxicity in melanoma cell lines

**Snehal Padhye**. Gold Nanoparticles Targeting RON Receptor Tyrosine Kinase as an Enhanced Therapeutic Agent for Effective Pancreatic Cancer Cytotoxicity

**Md. Mamunur Rashid**. Characterization of the non-AT1, non-AT2 Angiotensin binding site in primary cortical neurons

**Satelli, A.**, Rao, P.S. and Rao, U.S. Galectin-4 is a prognostic marker in colorectal cancer

**Satelli, A.**, Rao, P.S. and Rao, U.S. Galectin-4, Wnt Signaling and Colorectal cancer

**Imam H. Shaik**, Rekha Yesudas, Thomas Thekkumkara and Reza Mehvar. In Vitro and In Vivo Inhibition of Rat NADPH-Cytochrome P450 Reductase by an Antisense Approach

**Rachita K. Sumbria**, Jochen Klein and Ulrich Bickel. Microdialysis as a tool to study the dynamics of blood-brain barrier opening

**Hussaini Syed Sha Qhattal**, Xinli Liu CD44 mediated tumor targeting using hyaluronan conjugated liposomes ■

### Citation Laureate Awards

From Office of Research Presented by Dean Arthur Nelson

Awarded to faculty members who have achieved more than 1,000 citations based on their published articles. 2009 honorees from the Pharmaceutical Sciences Department not pictured below are Dr. Ulrich Bickel and Dr. Ming-Hai Wang.



Dr. Reza Mehvar



Dr. Thomas Thekkumkara



Dr. Sanjay Srivastava



Dr. Quentin Smith

A  
g  
o  
n  
i  
s  
t

Research Days and Marsh Lecture continued from Page 4



Vinay Rudraraju – 1st Place

Podium Presentation Awards

Presented by Dr. Thomas Thekkumkara  
Regional Dean



Snehal Padhye – 2nd Place



Russell Snyder – 3rd Place



Poster Presentation Awards  
For Top Honors

Presented by Teresa Carlisle,  
Graduate Program Coordinator  
Hussaini Syed Sha Qhattal

Venki Chithambaram Pillai




Dr. Liu, Dr. Ahsan & Dr. Rao listen to  
Hussaini Syed Sha Qhattal



Kunal Taskar watches as  
Rachita Sumbria explains



Married in the past year:



R.K. Samala  
Venki C. Pillai  
Vamshi Manda

## AWARDS/SCHOLARSHIPS

**Kaci Bohn:**

TTUHSC QEP Survey Scholarship for \$500;  
Phonathon/Thankathon Scholarship for \$1000.

**Prabodh Kandala:**

GSBS Dean's Scholars Award of \$5,000 for the  
duration of his degree plan.

**Arun Satelli:**

\$1000 Dean's Recognition Award  
GSAA Travel Scholarship for \$525.

**Rachita Sumbria:**

Mary Lou Clements-Mann Endowed Scholarship for  
\$500.

**Nikhil Vad:**

Star-Spangled Double T Scholarship for \$75.

**Erika Wisdom:**

MARC and American Society for Biochemistry &  
Molecular Biology Travel Awards to Experimental Bi-  
ology 2009 in New Orleans ■

## American Association for Cancer Research

April 2009—Denver, CO

## Poster Presentations

**Lloyd Alfonso.** Aspirin inhibits camptothecin-induced p21CIP1 protein levels: Implications for chemotherapy.

**Sunny Guln.** Mechanisms of Receptor-Targeted Immunoliposome Uptake in Epithelial Cancer Cells Overexpressing the RON Receptor Tyrosine Kinase.

**Prabodh Kandala.** Activation of Chk2 by BR-DIM is required for causing G2/M arrest in Human ovarian cancer cells.

**Arun Satelli.** Galectin-4 is a prognostic, diagnostic and therapeutic marker in colorectal cancer.

**Nikhil Vad.** Efficacy of acetylsalicylic acid as an anti-melanoma agent in skin tumor model of C57BL/6 mice. Biochemical mechanism of Rutin toxicity in SK-MEL-28 melanoma cells: A tyrosinase bioactivation prodrug approach. ■

## PUBLICATIONS

Does Aspirin acetylate multiple cellular proteins?

**Alfonso, L.F.**, Srivenugopal, K.S. and Bhat, G.J. (Review). *Molecular Medicine Reports 2009 July-Aug; 2 (4):533-537.*

Liquid chromatography-tandem mass spectrometry for the determination of methylprednisolone in rat plasma and liver after intravenous administration of its liver-targeted dextran prodrug. Zhang SQ, Thorsheim HR, Penugonda S, **Pillai VC**, Smith QR, Mehvar R. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2009 Feb 21.

Aspirin inhibits camptothecin induced p21CIP1 levels and potentiates apoptosis in human breast cancer cells. **Alfonso LF**, Srivenugopal KS, Arumugam TV, Abbruscato TJ, Weidanz JA, Bhat GJ. *Int J Oncol.* 2009 Mar;34(3):597-608.

Cationic Liposomes as Carriers for Aerosolized Formulations of an Anionic Drug: Safety and Efficacy Study. Bai S, **Gupta V**, Ahsan F. *Eur J Pharm Sci.* 2009 Jul 15.

Influence of surface charge of PLGA particles of recombinant hepatitis B surface antigen in enhancing systemic and mucosal immune responses. **Thomas C**, **Gupta V**, Ahsan F. *Int J Pharm.* 2009 Jun 12.

Effects of P-glycoprotein and Mrp2 inhibitors on the hepatobiliary disposition of Rhodamine 123 and its glucuronidated metabolite in isolated perfused rat livers. **Parasrampur R**, Mehvar R. *J Pharm Sci.* 2009 Jun 4.

RNF2 is the target for phosphorylation by the p38 MAPK and ERK signaling pathways. Rao PS, **Satelli A**, Zhang S, Srivastava SK, Srivenugopal KS, Rao US. *Proteomics.* 2009 May; 9(10):2776-87

Biochemical mechanism of acetaminophen (APAP) induced toxicity in melanoma cell lines. **Vad NM**, Yount G, Moore D, Weidanz J, Moridani MY. *J Pharm Sci.* 2009 Apr;98 (4):1409-25.

*In vivo* Efficacy of acetaminophen in skin B16-F0 melanoma tumor-bearing C57BL/6 mice. **Vad NM**, **Kudugunti SK**, Graber D, Bailey N, Srivenugopal K, Moridani MY. *Int J Oncol.* 2009 Jul;35(1):193-204.

Benzylic Carbon Oxidation by an in situ Formed o-Iodoxybenzoic Acid (IBX) Derivative. Ojha, Lawanya; **Kudugunti, Shashi**; Maddukuri, Padma P.; Kommareddy, Amitha; Gunna, Meena R.; Dokuparthi, Praveen; Gottam, Hima B.; Botha, Kiran K.; Parapati, Divya R.; Vinod, Thottumkara K. *Synlett.* 2009 117-121.

Vorinostat inhibits brain metastatic colonization in a model of triple-negative breast cancer and induced DNA double strand breaks. Diane Palmieri, Paul R. Lockman, Fancy Thomas, Emily Hua, Jeanne Herring, Elizabeth Hargrave, Matthew Johnson, Natasha Flores, Yong Qian, Eleazar Vega-Valle, **Kunal Taskar**, **Vinay Rudraraju**, **Mittapalli RK**, Julie Gaasch, **Kaci Bohn**, Helen Thorsheim, David J. Liewehr, Sean Davis, John Riley, Robert Walker, Julie L. Bronder, Lionel Feigenbaum, Seth M. Steinberg, Kevin Camphausen, Paul S. Meltzer, Victoria M. Richon, Quentin R. Smith and Patricia S. Steeg (*In Press, Clinical Cancer Research, Jun 09*)

A functional role for sodium dependent glucose transport across the blood-brain barrier during oxygen glucose deprivation. **Vemula S**, Roder KE, Yang T, Bhat GJ, Thekkumkara TJ, Abbruscato TJ. *J Pharmacol Exp Ther.* 2009 Feb;328 (2):487-95.

(Continued on page 7)

A  
g  
o  
n  
i  
s  
t

**Publications (Continued from page 6)**

Biochemical mechanism of acetylsalicylic acid (Aspirin) selective toxicity toward melanoma cell lines. **Vad NM**, Yount G, Moridani MY. *Melanoma Res.* 2008 Dec;18(6):386-99.

Effects of Cytochrome P450 Inhibition by Cimetidine on the Warm Hepatic Ischemia-Reperfusion Injury in Rats. **Shaik IH**, Mehvar R. *J Surg Res.* 2008 Oct 16. [Epub ahead of print]

Estrogen Effects on High-Affinity Choline Uptake in Primary Cultures of Rat Basal Forebrain. **Bennett KM**, Hoelting C, Martin CP, Stoll J. *Neurochem Res.* 1: *Neurochem Res.* 2009 Feb;34(2):205-14. Epub 2008 May 16.

Hepatobiliary disposition of rhodamine 123 in isolated perfused rat livers. **Parasrampur R**, Mehvar R. *Xenobiotica.* 2008 Oct;38(10):1263-73.

Eicosapentaenoic and docosahexaenoic acids are not anticonvulsant or neuroprotective in acute mouse seizure models. **Willis S, Samala R**, Rosenberger TA, Borges K. *Epilepsia.* 2009 Jan;50(1):138-42. Epub 2008 Jul 14.

Anticonvulsant profile of a balanced ketogenic diet in acute mouse seizure models. **Samala R, Willis S**, Borges K. *Epilepsy Res.* 2008 Oct;81(2-3):119-27. Epub 2008 Jun 18. ■

**WHAT'S NEW?**



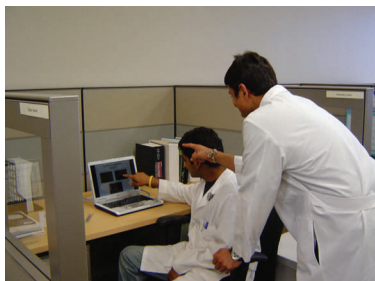
(L) Pharmacy Academic Center (PAC). Will occupy Fall 09  
(C) School of Medicine  
(R) School of Pharmacy



PAC



Amarillo Research Bldg (ARB)  
Occupied Spring 09



Vinay Rudraraju & Kunal Taskar  
in ARB study cubicle



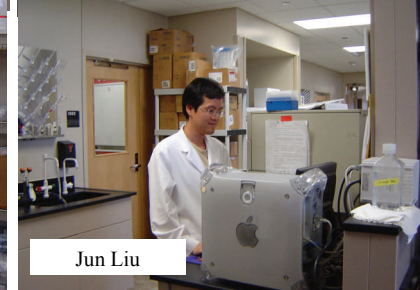
Nina Blakeman & Prema Rao, Postdoc



Sunny Guin



Raj Mittapalli



Jun Liu

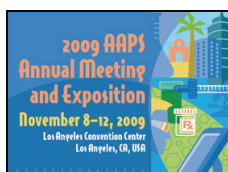
**AN INSIDE VIEW OF ARB**



**UPCOMING CONFERENCES**

**Society for Neuroscience**  
October 17-21  
Chicago, IL

**American Association of Pharmaceutical Sciences**  
November 8-12  
Los Angeles, CA



**DID YOU KNOW?**  
Student Publications are displayed on a bulletin board outside the Graduate Office.

**We will be hosting the Annual Friends and Alumni Reception at the 2009 AAPS Annual Meeting and Exposition. Please watch your email for detailed information!**

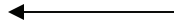
**Spring Convocation and Graduation 2009**

Fall 2008 Graduates:  
Fancy Thomas & Sharanya Vemula

Spring 2009 Graduates  
Katie Bennett & Chandan Thomas



Left to Right: Dr. Abbruscato, Sharanya Vemula, Dr. Smith, Fancy Thomas, Katie Bennett, Dr. Stoll., Chandan Thomas, Dr. Ahsan and Dr. Thekkumkara.



An intent Katie with Dr. Stoll  
Chandan with Dr. Abbruscato

Sharanya & Fancy

Fancy waiting with Dr. Smith



**NEW STUDENTS FOR 2009**



Ameya Paranjpe, B.Pharm.  
Fall 2009  
Lab: Dr. Kalkunte Srivenugopal

Raghavender Chivukula, B.Pharm  
Fall 2009  
Lab: Dr. Jayarama Gunaje

**Front Row (L to R)**

Shahriarul (Abir) Absar, M.Pharm.  
Summer 2009  
Lab: Dr. Young Min Kwon

Parul Gupta, M.Pharm.  
Fall 2009  
Lab: Dr. Sanjay Srivastava

**Back Row (L to R)**

Brijeshkumar (Brijesh) Patel, B.Pharm.  
Summer 2009  
Lab: Dr. Fakhru Ahsan

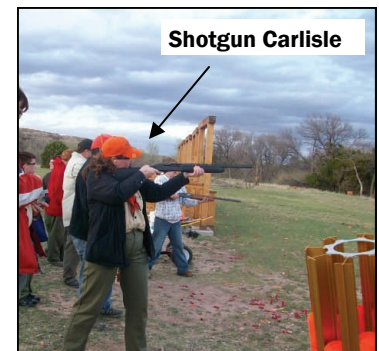
Pooja Naik, B.S.  
Fall 2009  
Lab: Dr. Karen Mark

Nina Blakeman, B.S.  
Fall 2009  
Lab: Dr. Margaret Weis

Naomi Wangler, B.S.  
Summer 2009  
Lab: Dr. Vardan Karamyan

Shuangling Zhang, B.S.  
Spring 2009  
Lab: Dr. Karen Mark

Harinath Kotte, M.Pharm.  
Fall 2009  
Lab: Dr. Reza Mehvar



**Graduate Program Coord. Teresa Carlisle at Boy Scout Shooting Event.**

A  
g  
o  
n  
i  
s  
t



**APPRECIATION DINNER 2009**

PharmSci Faculty, Staff and Graduate Students enjoyed a beautiful night in May with friends and food at Napoli's Italian Restaurant. A clock was presented to Spring Graduates, **Katie Bennett** and **Chandan Thomas** by the GSAA, and a certificate was given from the Graduate Program. The event was sponsored by the Graduate Program and the Department of Pharmaceutical Sciences. ■

A  
g  
o  
n  
i  
s  
t



**The Minds of the Round Table**



**Dr. Abbruscato and Chandan Thomas standing (center).**

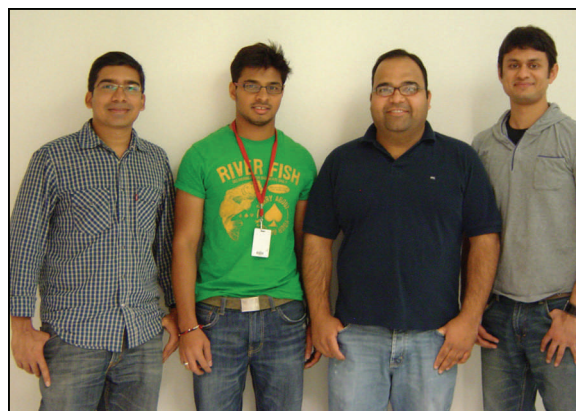


**Katie Bennett standing**



**2009-2010 GSAA OFFICERS**

L to R: Hussaini Syed Sha Qhattal - Int'l Representative; Venki C. Pillai - Secretary; Siva Koganti - President; Sarah Willis - Student Senate Officer; Prabodh Kandala - Vice President; Shashi Kudugunti - Historian; Snehal Padhye - Treasurer



**2009-2010 AAPS OFFICERS**

L to R: Satya Goda - Vice-Chair; Shashi Kudugunti - Secretary; Vivek Gupta - Chair; Kunal Taskar - Chair Elect

**Graduate Student Advisor:  
Shari Morris  
as of 5/1/09**



A  
g  
o  
n  
i  
s  
t



Bowling Night

**CRAZY FUN WITH GSAA**

**FALL GSAA ACTIVITIES**

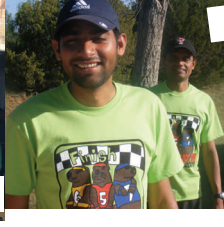
Heart Walk – October 17th  
Halloween Party – October 31st  
Potluck & Bowling Night – November 20th  
Christmas Party – December 5th



Ganesh Chaturthi Shrine at Dr. Nikita Mirajkar's home.



Blood Drive



Hot Dog Race

**GSAA Awards Ceremony  
May 1, 2009**

Graduate Teacher of the Year - Reza Mehvar  
Graduate Teaching Team of the Year - Pharmacokinetics  
GSAA Student of the Year - Vivek Gupta  
Travel Awards - Lloyd Alfonso, Kaci Bohn, Sunny Guin, Vivek Gupta, Prabodh Kandala, Shashi Kudugunti, Vamshi Manda, Raj Mittapalli, Vinay Rudraraju, RK Samala, Arun Satelli, Imam Shaik, Rachita Sumbria, Kunal Taskar and Chandan Thomas. ▣

