

Resident Recap

Visit Us On-line At:

www.shands.org/jobs/allied/health/pharm/default.asp

Visit Us In Person At:

ASHP Midyear Meeting Residency Showcase

Booth #4247
Monday, December 3rd
1:00-4:00 pm

Gator Reception at ASHP

Mandalay Bay Hotel
Monday, December 3rd
6:00-8:00 pm

In this Newsletter:

PhORCAS	1-2
PGY2	1-2
Meds-to-Beds	3
Ralphie's Take	3
Recent Posters & Publications	4
New Practitioner Welcome	5
Personal Updates	5
Director's Corner	5
Current Residents	6-7
Guess The Residency Class	8
Photos	9-10

Editors:

Ji Yeon Lee, PharmD
Christina Carracedo, PharmD
Jennifer Bushwitz, PharmD
Carrie Lagasse, PharmD,
BCPS

The Shands at UF Pharmacy Residency Newsletter

PhORCAS: A New Era

With application season just around the corner, there is a lot of buzz surrounding a new web-based tool that will drastically alter the upcoming recruitment process. PhORCAS, a new online service, collates the many components of the residency application process on one site, allowing applicants to apply to multiple programs with ease. Brought to us by the creators of PharmCAS, a similar concept applied to pharmacy schools nationwide, PhORCAS consolidates the application process for residency positions. This service, co-hosted by the American Society of Health System Pharmacists (ASHP) and the National Matching Service (NMS), provides a single place for candidates to submit their transcripts, curriculum vitae, and other application requirements.

Both applicants and residency programs will benefit from PhORCAS. Residency applicants will have peace of mind with the ability to track the status of each application. Programs can forgo the tedious task of compiling the various components of each application sent by mail, such as letters of recommendation, which are uploaded directly to the website by the authors. PhORCAS provides the option to select and customize which letters of reference are sent to each program.

PhORCAS will screen all candidates for eligibility; including screening foreign candidates for licensure eligibility and current PGY1s to ensure good standing in their respective programs when applying for PGY2 positions.

Here at Shands at UF, PhORCAS is an exciting tool to help organize the important task of selecting our future residents. The website provides helpful features, like categorizing applicants into groups such as, "invite to interview," "hold," "wait list," "remove from consideration," and also the ability to add tags to each candidate's application for easy sorting, such as "block student," "University of Florida graduate," or "top choices." ■

Continued on page 2

UF's New PGY2 in Pharmacogenomics

Pharmacogenomics facilitates optimization of patient care and safety by tailoring medication therapy to a patient's genetic profile. The slow and rapid acetylation of isoniazid discovered by Bonicke, Reif, and Hughes in 1953 paved the way for research involving other drugs with efficacy and toxicity profiles strongly linked to genetic variants like warfarin, clopidogrel, abacavir, and codeine.

The Center for Pharmacogenomics in the Department of Pharmacotherapy and Translational Research within the University of Florida College of Pharmacy instituted a 12-month PGY2 residency program this year. The program aims to prepare the resident for a variety of positions including clinical practice in health care settings implementing pharmacogenomics, clinical faculty positions in pharmacogenomics, and positions in industry or within the FDA. ■

Continued on page 2

PhORCAS – Continued

This website should dramatically expedite the time taken to compile and review application documents. PhORCAS will be directly linked with the National Matching Service (NMS), where candidates and programs will rank their choices.

Possibly more exciting than the match process is the post-match application utility, specifically for unmatched participants. PhORCAS offers a potential solution to the post-match mayhem, also known as “the scramble,” when all unmatched residents and programs frantically work to secure plans for the next year. Many programs have expressed dissatisfaction with “the scramble” and have called for a revision to create a more transparent and uniform process. This new process under PhORCAS will be similar to the initial match, with all original documents available to both programs and candidates during this time. The formerly daunting and mysterious task will be more manageable and systematized for participants. With the disproportionate growth of applicants to available positions, this service will ease the burden of a likely increase in the number of candidates that will encounter “the scramble.”

As for eligibility to participate in this service as a residency program, registration with NMS automatically allows entry into PhORCAS. Programs that do not participate in the match, such as our Infectious Diseases program, will not utilize this system. Our Oncology PGY2 has applied for accreditation and plans to use this resource after approval. In an effort to enhance participation by residency programs, PhORCAS has incentivized registration in the 2012 to 2013 recruitment season. Any program that registers in 2012 will not pay a fee to participate and have immunity from future maintenance fees as well. The fee for future program enrollment has not yet been disclosed. However, applicants will be required to pay a \$75 registration fee for the first 4 applications and \$25 for each additional application. Rather than allocating expenses to pay for application packet materials and postage, these costs have been filtered to directly benefit PhORCAS. These fees are in addition to the \$116 fee for registration and participation in NMS paid by past applicants involved in the match process.

PhORCAS promises to simplify the application system for candidates and the review process for programs. It will serve as a convenient tool for all involved parties. ■

Kate Desear

PGY2 – Continued

The PGY2 resident engages in a longitudinal pharmacogenomics rotation. This includes responsibilities such as assimilating pertinent literature into the clinical implementation of genetic testing for medications with variable efficacy and/or toxicity attributable to different genetic makeup. The resident staffs the Personalized Medicine Program’s (PMP) subcommittee meetings and serves as the liaison for recommendations to the Shands Pharmacy and Therapeutics committee. The resident also prepares educational materials for physicians and other stakeholders assessing the implications of any approved changes in clinical practice.

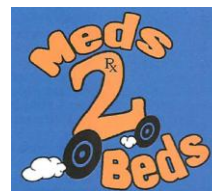
This year the PMP instituted a policy calling for pharmacogenomic testing in patients on clopidogrel therapy post-PCI. The current resident has been involved in educating the clinicians in the cardiac catheterization lab about the significance of the pharmacogenomic test, the interpretation of the results, and the recommended alternatives when genetic markers suggest the patient is a poor metabolizer. Additionally, the resident helps to address problems associated with the testing and clinical application process.

Under the mentorship of the program director, Julie Johnson, PharmD, FCCP, BCPS, the resident gives lectures and prepares exams for students at the University of Florida College of Pharmacy. There are also opportunities to precept fourth year pharmacy students on rotations, lead journal club discussions, and present seminars to the Pharmacotherapy Department in the College of Pharmacy. Furthermore, elective rotations in drug information and ambulatory care clinics are offered to sharpen the resident’s literature evaluation and clinical skills.

The program director has expressed flexibility in tailoring and personalizing the residency program. Based on what is learned in the inaugural year, the program’s structure will be modified to better serve the demands of the PMP and provide an even higher quality resident experience.

The potential benefit of pharmacogenomics is enormous. Understanding pharmacogenomics will help clinicians to optimize drug selection and dosing and to prevent adverse events. This new residency provides the training needed for pharmacists to excel in this innovative and progressive field of science. ■

Aniwaa Obeng



Meds-to-Beds

Meds-to-Beds, a new initiative started September 12, 2012 at Shands, allows patients to fill their prescriptions and have them delivered bedside prior to discharge. Upon delivery and payment, a pharmacy student counsels the patient on each medication and expertly addresses any questions from the patient and his/her family. The program was instituted to help enhance compliance with the ultimate goal of reducing readmission rates.

This service is offered to patients with Medicaid, as well as those with private prescription insurance. When a prescription needs to be filled, the nurse or ancillary discharge mediator contacts Meds-to-Beds via telephone. A courier then retrieves the prescriptions from the unit for filling at the South Campus Pharmacy.

Currently, this service is offered to patients discharged from units 44, 45, 74, and 75 between the hours of 8:30 am to 5:00 pm, Monday through Friday. In the month of October, 230 prescriptions were filled for 69 patients through this program. Since its launch, the primary challenge has been locating patients transferred to ADTU before medications could be delivered. In the future, the process will be standardized through EPIC, the hospital's electronic medical records system, which will hopefully increase efficiency and minimize this issue. The current plan is to expand the program to all units by June 2013.

Bill Harbilas, the director of ambulatory services at Shands, spear-headed Meds-to-Beds with a vision to coalesce pharmacy services, improve care, and generate engaging learning experiences. "This is an excellent opportunity for us to create a program that finally integrates inpatient and outpatient pharmacy services here at Shands," he stated. "We hope to make a convenient, patient-friendly process that contributes to the overall quality of care here at Shands. Additionally, this program will provide excellent patient contact and educational opportunities for UF pharmacy students." Clinical and staff pharmacists can help triage questions regarding the program to the Meds-to-Beds cell (352-642-2849) and assist in educating other healthcare professional about this valuable service. ■

Ji Lee



Ralphie's Take

It's been a while since I've filled you all in on the juicy gossip in the resident office and boy, do I have a lot to update you all on.

I am now in my PGY5 year and this new troop of residents has been quite entertaining these first few months. Thankfully, Jess is still around to help me hold down the fort. Olusola, Janet, Christina, Ji, Lyn, and Logan are the newbies in the office; Kate, the new infectious diseases resident, is all the way in the Drug Information Center, but she comes by often to visit me and goof around. I must say, this quirky bunch is very smart – they even figured out how to remove that huge Folgers Coffee container that was stuck behind the massive glacier that has been growing on the roof of the refrigerator all these years. We still haven't figured out how to defrost the glacier to use the freezer without flooding the office, though.

I hate to break the news, but the candy bucket has been replaced with a jar of peanut butter. These residents sure love them some peanut butter and coffee, too. Unfortunately, the new coffee maker has been out of commission, ever since someone forgot to clean it and we found some mold in it. Yuck!

Besides all the shenanigans in the office, I have to say I've made strides in both my professional and social life this year. I've made a couple of appearances on facebook and thanks to my new co-residents, I also have a new outfit – comfy scrubs and a spiffy lab coat. Don't I look legit? I must admit though, the scrubs are a little tight in the waist. Anyways, if you're ever in the neighborhood, stop by and check out my new digs! ■



Ralphie G. Rilla



Recent Posters & Publications

Presentations

Bill Harbilas. Narcotic distribution: What's reasonable behavior? Presented at NCFSSH, October 30, 2012.

Julie Cash and Jennifer Bushwitz. Impact of pharmacologic options for drug-induced hypertension in acute ischemic stroke on ICU and hospital length of stay. Presented at SCCM. January 20, 2013.

Abigail Dee Antigua. Sedation and analgesia updates. Presented at Get Swamped, American Association of Critical Care Nurses. February 2013.

Jennifer Bushwitz. Seizure management. Presented at Get Swamped, American Association of Critical Care Nurses. February 2013.

Jessica Cope. Pharmacist management of inpatient hyperglycemia in non-critically ill adult type 2 diabetics. Presented at UHC. December 1, 2012.

Christina Carracedo. Effect of pharmacist counseling on anxiety and patient satisfaction in chemotherapy patients. Presented at UHC. December 1, 2012.

Kate DeSear. Ceftaroline use in non-approved indications. Presented at UHC. December 1, 2012.

Ji Lee. Causes of hospital readmission in patients with heart failure with and without discharge intervention. Presented at UHC. December 1, 2012.

Lyn Villanueva. Impact of rapid clostridium difficile assay testing on antibiotic therapy: A retrospective chart review. Presented at UHC. December 1, 2012. ■

Publications

Ohanian M, Borthakur G, Quintas-Cardama A, **Mathisen MS,** Cortes J, Estrov Z, Pemmaraju N. Ocular granulocytic sarcoma: a case report and literature review of ocular extramedullary acute myeloid leukemia. Clin Lymphoma Myeloma Leuk. 2012 Sep 25.

Phillips MS, Chisolm-Burns MA. Quality Improvement. In: Chisolm-Burns MA, Vaillancourt AM, Shepherd M, Pharmacy Management, Leadership, Marketing, and Finance, 2nd edition. Jones & Bartlett Learning; 2012.

Publications

Bhamidipati PK, Daver NG, Kantarjian H, Pierce S, Daver R, Cortes JE, Ravandi F, **Mathisen MS,** Pemmaraju N, Nazha A, Kadia T, Jabbour E, Borthakur G, Faderl S, Garcia-Manero G. FLT3 mutations in myelodysplastic syndrome and chronic myelomonocytic leukemia. American Society of Clinical Oncology, June 2012. Chicago, Illinois. Abstract #6597.

Cope J, Antigua AD, Bushwitz J. Risky business: Can fondaparinux be safely used in patients with renal impairment? Clinical Pharmacy and Pharmacology Section Newsletter SCCM. 2012;12(3):8-11.

Daver N, De Lima M, Kantarjian H, Ravandi F, Bilen MA, Pierce S, Khouri IF, Dorkhom S, Giralt S, Garcia-Manero G, Nazha A, **Mathisen MS,** Pemmaraju N, Corte J, Faderl S, Jabbour E. Allogeneic stem cell transplant as initial salvage for patients with acute myeloid leukemia refractory to high-dose cytarabine-based induction therapy. American Society of Clinical Oncology, June 2012. Chicago, Illinois. Abstract #6544.

Jabbour E, **Mathisen MS,** O'Brien S. 10 years of progress in chronic myelogenous leukemia. J Natl Compr Canc Netw. 2012;10:1049-53.

Mathisen MS, Jabbour E, Kantarjian H. Treatment of adult acute lymphoblastic leukemia (ALL) with a focus on emerging investigational and targeted therapies. Oncology (Williston Park). 2012;26:851-9.

Mathisen MS, Kantarjian H, Faderl S, et al. Interim results of a phase I/II randomized study of clofarabine, idarubicin, and cytarabine (CIA) versus fludarabine, idarubicin, and cytarabine (FIA) for newly diagnosed or relapsed patients with acute myeloid leukemia (AML). American Society of Clinical Oncology, June 2012. Chicago, Illinois. Abstract #6607.

Mathisen MS, Ravandi F. Efficacy of tosedostat, a novel, oral agent for elderly patients with relapsed or refractory acute myeloid leukemia: a review of the phase II OPAL trial. Future Oncol. 2012;8:351-7.

Phillips MS. Medication Errors. In: Saine D and Larson, C, Medication Safety Officers Handbook, American Society of Health-system Pharmacists; 2012 (in press).

Phillips MS. Standardizing IV infusion concentrations: national survey results. AJHP. 2011;68 2176-82. ■

Please send any recent publications or presentations
you have completed to shandspharm@shands.ufl.edu
Share your successes with others!

New Practitioner Welcome

Julie Cash

After completing her PGY1 Pharmacy Practice Residency at Palmetto Health Richland in Columbia, South Carolina and her PGY2 in Critical Care here at Shands, Julie Cash stayed on as Clinical Staff Pharmacist in Critical Care. She is originally from Aiken, South Carolina and received her Doctor of Pharmacy degree from the South Carolina College of Pharmacy at the University of South Carolina in 2010. Since completing residency, she has had more time to pursue running and plans to complete her first half-marathon in January.

Bryan Schuessler

Bryan, our new Decentralized Operations Manager and Night Pharmacy Shift Manager, came to us after completing a two year Administration Residency at the University of Kansas Hospital in Kansas City. Originally from the small town of Neodesha, Kansas, he went on to earn his Doctor of Pharmacy degree from the University of Kansas. Bryan is currently enjoying his post-residency life, hanging out with family, friends, and his fiancé. His professional areas of interest include holding leadership roles; staff, resident, and student development; and the development of our ambulatory pharmacy services.

Matt Hinton

Prior to accepting the new Clinical Pharmacy Specialist role in the Emergency Department here at Shands, Matt completed his PGY1 Pharmacy Practice Residency at Shands Hospital in Jacksonville, Florida and his PGY2 Emergency Medicine Residency at the Johns Hopkins Hospital in Baltimore, Maryland. His interests and hobbies include basketball, traveling, fishing, and collecting shoes. He is also an avid Oklahoma City Thunder and the Oklahoma Sooners fan. ■

Professional & Personal Updates

Congratulations to...

...**Tracy Wallace Rogers** who recently accepted a position with Abbott Laboratories as Associate Scientific Director, Immunology Clinical Science Managers...

...**Lisa Thames** who was elected to FSHP board of directors...

...**Marjorie Shaw Phillips** who was recently appointed as a member of the FDA Drug Safety & Risk Management Advisory Committee, as well as a member of the Georgia Health Sciences Cancer Center, where she will serve on their Protocol Review and Monitoring Committee...

...**Brandi (Beyhan) Koepp** who is now the Pharmacy Clinical Coordinator at Medical Center of the Rockies...

...**Julia Logan** and **Candice Morris** who both recently purchased their first homes in Orlando...

...**Carrie (Cannella) Lagassee** and **Karly (O'Brien) Tommolino** who both got married in September of this year...

...**Christine Hansen** who got married in October of this year...

...**Jenny Ashton** and **Steve Lemon** who are set to wed in January 2013... ■

Best wishes to all!

Director's Corner

ASHP Honors Resident Programs at Shands UF!

In October 2011, the American Society of Health-System Pharmacists (ASHP) visited Shands at the University of Florida to survey our accredited pharmacy residency programs for reaccreditation. After a long week of showing ASHP all we have to offer and another long waiting period to hear the results of the survey, we were heavily rewarded. All three accredited programs (Pharmacy Practice, Pediatrics, and Critical Care) received a 6-year accreditation status. This honor is bestowed upon less than thirty percent of residency programs across the country. We are very proud of our pharmacy staff, residents, and all who participated in the residency accreditation process. Currently, our PGY2 Oncology residency has been granted Candidate Status and is currently seeking accreditation by ASHP. We anticipate another visit to accredit this program in the upcoming year.

In June 2012, the ASHP Foundation awarded 16 institutions with a \$40,000 residency expansion grant. We are very proud to report that the PGY1 Pharmacy Practice Residency was awarded one of these grants. Throughout a very detailed application process, we were able to demonstrate the strength of our preceptors, our past and current residents, as well as the residency program itself. This expansion grant allowed us to expand the PGY1 program this year and in future years to help meet the need of increased residency training. We are looking forward to recruiting for a new, expanded class in the upcoming months. ■

Carrie Lagassee

Meet the New Residents!



From Left to Right: Olusola Apena, Lyn Villanueva, Kate Desear, Christina Carracedo, Jessica Cope, Ji Lee, Aniwa Obeng, Janet Arrazcaeta, Matthew Logan Wright

PGY1 Residents

Janet Arrazcaeta

Originally from Miami, Florida, Janet received her Doctor of Pharmacy degree from the University of North Carolina, Eshelman School of Pharmacy in 2012. Her current projects include a fall seminar entitled "Anticoagulation and regional anesthesia: When anticoagulation gets on your nerves" and longitudinal research entitled "Evaluating the significance of delaying intravenous lipid therapy during the first week of hospitalization in the intensive care unit." She presently serves as the social chair and recruitment co-chair. In Gainesville, she frequents Mochi and loves exploring new restaurants.

Olusola Apena

Originally from Lagos, Nigeria, Sola received his Doctor of Pharmacy degree from the University of Florida College of Pharmacy in 2010. After working for two years as a pharmacist in the IV Center at Shands, he transitioned to the role of resident this year. His current projects include a fall seminar entitled "Dopamine versus norepinephrine in septic shock" and longitudinal research entitled "Pre-/post-study of acetylcysteine in contrast induced nephropathy." He presently serves as the education co-coordinator. Sola enjoys playing soccer in his spare time. ■

Continued on page 7

PGY1 Residents – Continued

Ji Yeon Lee

Although born in Seoul, South Korea, Ji considers Greensboro, North Carolina, where she spent most of her childhood, her hometown. She completed two years of undergraduate studies and four years of pharmacy school at the University of North Carolina in Chapel Hill. Her current projects include a fall seminar entitled “Neonatal abstinence syndrome” and a longitudinal research project entitled “Causes of hospital readmission in patients with heart failure with and without discharge intervention”. She presently serves as the public relations co-coordinator. In Gainesville, she enjoys strolling at the weekly farmer’s market and eating sweet potato fries at the Top.

Matthew Logan Wright

Originally from Macclenny, Florida, Logan received his Doctor of Pharmacy degree from Florida A&M University in 2012. His current projects include a fall seminar entitled “Seesaws and synergy: When daptomycin isn’t enough” and longitudinal research entitled “Pravastatin versus simvastatin for the prevention of vasospasm after aneurysmal subarachnoid hemorrhage: A retrospective study.” He presently serves as the recruitment chair. In his spare time, Logan enjoys jogging and going to the gym.

PGY2 Residents

Christina Carracedo – Oncology

A native of Miami, Florida, she received her Doctor of Pharmacy degree from the University of Florida Gainesville Campus in 2011. She completed her PGY1 Pharmacy Practice Residency at Wolfson Children’s Hospital/Baptist Health Medical Center in Jacksonville, FL. Her recent projects include a fall seminar entitled “Advances in immunotherapy: A shot against cancer” and longitudinal research entitled “Association between tacrolimus levels and outcomes after allogeneic hemopoietic cell transplantation.” She presently serves as the public relations chair. Since her time as a freshman at UF, attending Gator football games remains her all time favorite activity.

Jessica Cope – Critical Care

Originally from Virginia Beach, Virginia, she earned her Doctor of Pharmacy degree from the South Carolina College of Pharmacy MUSC Campus in 2011. She completed her PGY1 pharmacy practice residency here at Shands at the University of Florida. Her recent projects include a fall seminar entitled “Fluid resuscitation in severe sepsis and septic shock: the battle of the colloids versus the crystalloids” and longitudinal research entitled “Safety and efficacy of fondaparinux in critically ill patients with renal impairment.” She presently serves as the antimicrobial pharmacokinetic service co-chair. Her favorite thing to do in Gainesville is cheer on the Gators.

Kate Desear – Infectious Diseases

Originally from Bradenton, Florida, she received her Doctor of Pharmacy degree from University of Florida St. Pete Campus in 2011. She completed her PGY1 pharmacy practice residency at the Bay Pines VA. Her recent projects include a fall seminar entitled “Dosing antimicrobials in the obese patient: A BIG problem!” and a longitudinal research entitled “Sharing stewardship: the impact of empowering the staff pharmacists to take part in antibiotic stewardship at an academic medical center.” She presently serves as the antimicrobial pharmacokinetic service co-chair. In Gainesville, she enjoys tailgating at Gator games with her fellow Gators.

Aniwaa Owusu-Obeng – Pharmacogenomics

Originally from Ghana, she received her Doctor of Pharmacy degree from the Albany College of Pharmacy and Health Sciences in 2011. She completed her PGY1 pharmacy practice residency at Bronx-Lebanon Hospital Center in New York. Her recent projects include a presentation entitled “CYP2C19*2/*17 – Changing its clinical interpretation from unknown to intermediate metabolizer” and a future presentation entitled “CYP2C19 and clobazam, TCAs, phenytoin, SSRIs, PPIs and voriconazole – The evidence behind the gene-drug associations and the possibility of clinical implementation of genetic testing in the affected patient populations.” Going to church on Sundays is the highlight of her week.

Lyn Villanueva – Pediatrics

Originally from Jacksonville, Florida, she received her Doctor of Pharmacy degree from the University of Florida Jacksonville Campus in 2011. She completed her PGY1 Pharmacy Practice Residency at Wolfson Children’s Hospital/Baptist Health Medical Center in Jacksonville, FL. Her recent projects include a fall seminar entitled “The future of cystic fibrosis treatment: Gene modifying medications on the horizon” and longitudinal research entitled “Voriconazole drug monitoring in immunocompromised children with invasive fungal infections.” She presently serves as the educational co-chair. Lyn enjoys exploring restaurants around Gainesville. ■

Guess the Residency Class!



Hint: TLC's single "Waterfalls" was the #1 hit in the United States this year.

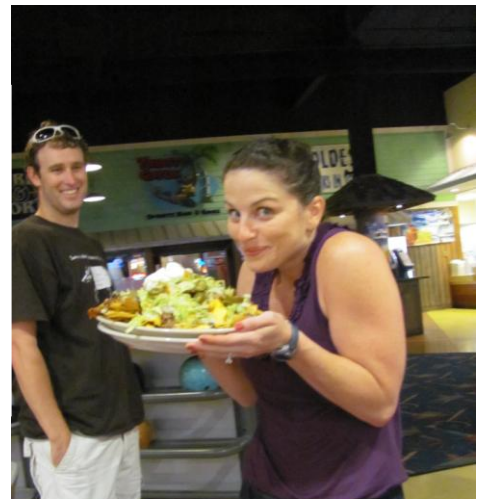
Are you a Shands at UF Pharmacy Residency Alum? We would like to hear from you!

In an effort to highlight the Shands at the University of Florida Pharmacy Residency's long history of producing successful pharmacists and leaders in the profession, we are compiling information about the current location and employment of our alumni. We invite you to contact us to let us know where you are now and what you are doing. This information will be featured in the "past residents" section of the residency website. Each edition of the newsletter will include updates on past residents, so please keep us informed of your personal and professional achievements, so we can proudly share the good news about recent accomplishments, awards and honors, publications, promotions, and the wide variety of careers that our alumni are currently pursuing. E-mail your current information and future updates to shandspharm@shands.ufl.edu with the subject heading "Shands Alumni Update." Please include your name, PGY1 and/or PGY2 Shands UF graduation year(s) and current position and location.

Guess the Residency Class Answer: 1993-1994; Front row: Lisa Daley, Gail Breen, Gloria Miller; Back row: Caterina Tremblay, Ilene Portales, Susan Beltz

It's How We Roll: Part I

Everyone had the chance to showcase their bowling (and nacho-eating) skills at the first resident-preceptor social of the year.



It's How We Roll: Part II

The annual sushi night was quite memorable, as residents had the opportunity to experience freshly rolled sushi while learning shocking factoids about the preceptors.

