



LAR BULLETIN

“The Bull”

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Marie Phillips is Retiring!

Marie has been at CSU for 21+ years and has been the friendly face at the front reception desk of LAR for about 10 of those and we've been exceptionally blessed to have her with us. Marie has always made everyone coming into the facility feel welcome by being interested in their work and personal lives-especially if they are Broncos fans! Although we will miss her dearly, Marie is looking forward to having more free time to spend traveling, hanging with family and friends and the grand-dogs, and relaxing out in the country. She will definitely be keeping an eye on the new stadium project here on campus though, and hopes to keep in touch with work friends and colleagues via email chats. And, because Marie doesn't like to sit idle for too long, she has future plans for possible volunteer work at the PVH or the Cancer Center where we know she would be a huge success. LAR will not be the same without Marie at our front desk, but we wish her much happiness and fun in her retirement and we'll look forward to her dropping in for visits whenever she's nearby. ☺



We Welcome New LAR Faces this Summer!



Katie Knapek, DVM



Erin McWhorter, DVM



Jessica Dollard

Katie Knapek-Veterinary Resident: Katie grew up on the outskirts of Pittsburgh, PA and earned a B.S. in Medical Technology from Indiana University of Pennsylvania and a M.S. in Microbiology and Immunology from Wright State University. Wright State was her first exposure to animals in research and from there she decided to apply to veterinary school. During the interim, she worked as a Medical Technologist for the Mayo Clinic in Rochester, MN and volunteered at a local zoo and became a care-taker for indigenous animals. She earned her DVM from Ross University School of Veterinary Medicine located on the island of St. Kitts in the West Indies and feels that living abroad is an experience she will never forget. She spent this past year completing clinical rotations at Texas A&M and has now moved to Fort Collins, CO for the Comparative Medicine Residency Program. While here she hopes to work with a lab focusing on infectious diseases. Even through all of her travels Katie remains an avid fan of the Steelers and Penguins. During her free time she enjoys traveling and being outdoors.

Erin McWhorter-Veterinary Resident: Originally from Morgantown, West Virginia, Erin grew up with an avid interest in science and veterinary medicine. Her family moved to Salt Lake City, Utah in 2003 where she attended Westminster College and received a BS in Biology. Post-graduation, she returned to Morgantown and earned an MS in Animal Science with a concentration in reproductive physiology at West Virginia University. Spending much of her time in graduate school working with sheep and rodents, she realized she wanted to pursue a career with a focus on research and reproductive medicine and subsequently attended veterinary school at Colorado State University and graduated in 2014. Over the last year she's been participating in a post-doctoral fellowship at the Animal Reproduction and Biotechnology Laboratory (ARBL) at CSU. The lab focuses on placental research, mainly in the ovine model, primary cell culture, and gene manipulation. During post-clinical training with LAR, Erin plans to pursue a PhD with Drs. Winger and Bouma in reproductive physiology. In her spare time, Erin likes to read, knit, and spend time with her husband Josh and Yorkie, Finn.

Jessica Dollard, Front Reception: Jessica graduated in December of 2014 with a Bachelor of Arts in Psychology. Her areas of interest are Physiological and Cognitive Psychology. Jessica married her husband, Keagan, in May of this year. She enjoys spending time with her friends and family, camping and hiking in the mountains, and playing the guitar.

Stacie Magruder, Administrative Assistant: Stacie is a native of Colorado and lives in the mountains northwest of Fort Collins with her two children. She earned a BS in Computer Information Systems and a MA in Organizational Management. Her experience



Stacie Magruder



Brayton Lee

includes human resource management, computer technical support and teaching. In her spare time, Stacie enjoys spending time around campfires, riding horses with her daughter and watching her son play baseball. Stacie's primary responsibility is to assist Diana in the business office. She looks forward to getting to know the LAR staff.

Brayton Lee, Administrative and Material Handling: A Texas native, Brayton attended Texas A&M University where he spent four years in the Corps of Cadets and majored in Rangeland Ecology Management. Following college, Brayton briefly began working as a CNC machinist at a small machining company, where he moved from the lathe into the office and spent several years managing the efficiency of operations of the company. He also is a volunteer firefighter, emergency medical responder, and pilot. His other hobbies include cycling, computer science, sports officiating, gaming, spending time with his three dogs, and pestering his wife's cats.

Congratulations to Dr.'s Ledesma and Williams!

Carmen Ledesma and Wendy (Tuttle) Williams have completed their residency program and are moving on to new adventures! Carmen will be continuing at CSU in Dr. VandeWoude's lab to complete her PhD in Pathology with an emphasis on retroviruses, while Wendy has accepted a Clinical Veterinarian position at Oklahoma University Health Sciences Center where she will care for the SPF Baboon colony in addition to her teaching responsibilities. We wish them much success in their endeavors and will miss having them with us!

Big Changes Occurring in Painter's Personal Space

Construction will be starting on the new Biology building this fall and unfortunately this means the parking lot attached to Painter will be closed permanently since the building is taking over that space. Utility construction around Painter will also close the East Drive to through traffic this summer. We don't yet have set dates for these closures, but Painter users are encouraged to scope out alternative parking options before the students return in the fall. You can stay up-to-date on construction and parking at the following link:

<http://source.colostate.edu/construction-and-parking>

Reminder of a few LAR General Procedures

LAR reminds animal users to be sure to double bag all carcasses prior to placing in freezers and/or transporting for disposal. Also clearly label them with your initials/name, the date, the originating room number and the pathogen used, if applicable.



QUESTIONS, COMMENTS?
Please contact Jessica Ayers at the below information.

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LAR is also trying out disposable containers for moving small numbers of mice from Painter to labs for experimental use. They resemble Chinese food boxes and can be found on the cart at the front reception desk. 1 mouse can be placed in each container, but should be left in them for no longer than 1 hour and must be under direct supervision at all times since the mice can readily chew through the disposable material. It can then be used to transport carcasses back to Painter, or disposed of in the lab with other lab waste, as appropriate.

FY16 Per Diem Rates

Per diem rates for the new fiscal year can be found on the LAR homepage under the Rates and Fees tab.

In general, there was no change in the mouse rates, a slight decrease in the guinea pig rates, and a small (5-10%) increase in large animal rates. Unlike past years, we will be re-evaluating our rates and income in January and look at making mid-year adjustments lowering the per diems if appropriate in January. As in past years, the rates were determined using the NIH Rate and Cost Setting Manual for Animal Facilities as a basis for cost allocations. In general, our rates are lower than our peer institutions, and national averages. The two factors that influence the rates the most are the labor to care for the species and the census. If you would like additional information on how the rates were determined please contact lon.kendall@colostate.edu

Peer Institution Per Diem Rates:

	Mice	Mice ABSL3	Cats	Dogs	Ferrets	Rabbit	Pig	Rats	Guinea Pig
Cornell	0.76	3.54	8.27	8.56	8.19	5.35		0.9	
UIUC	0.64		2.37	9.5		1.62	1.77	1.14	1.14
OrSU	1.04	1.52		9.74			9.74	1.1	1.34
NCSU	1.27		6.3	10.18	6.21	5.5	12.6	3.32	3.17
TOSU	0.96							2.14	
KSU	0.87		3.48	6.95	3.48	2.51	6.12	1.16	2
Yale Survey	0.97		9.07	18.18	6.11	4.28	20.45	1.21	2.62
CSU	0.75	1.88	6.16	7.12	3.52	4.05	7.51	1.5	2.67

Laboratory Liaison Meeting/Upcoming Training

- LL Meeting July 17, 2015, 11:30am – 1pm, Path 103
 - Lunch
 - Recent IACUC policy updates
 - LAR 6 sigma initiative
 - Changes to guinea pig water bottle refills
 - Open forum for discussion, bring any questions or concerns

We're on the Web!
Check us out:
[LAR homepage](#)

-Upcoming Training Classes:

- **Basic Research Techniques with Mice - July 9th and August 13th, 9:00 - 12:00** [Register](#)

This workshop is designed to provide an introduction to a variety of procedures for those who are new to rodent research, and an opportunity for all researchers to practice and refine their skills. Each segment will include a demonstration and detailed explanation of the procedures, followed by hands on practice. Topics will include: handling, restraint, sex determination, animal identification, injections, blood collection, oral gavage and euthanasia.

- **Rodent Necropsy Workshop - August 7th, 9:00 - 11:00** [Register](#)

This workshop is instructed by the LAR Veterinary Residents. It includes necropsy of mice and other small rodents upon request.

- **Rodent Anesthesia Workshop - August 10th, 9:00 - 11:00** [Register](#)

This workshop includes classroom and hands-on instruction about common rodent anesthetics, dose calculations, anesthesia machines, induction, monitoring anesthesia and recovery.