

### A MESSAGE FROM THE DEPARTMENT HEAD

Welcome to the start of fall semester 2013!



The summer began with the CANR graduation ceremonies. Congratulations to all of our graduating seniors and their families. We hope that you all stay in contact with the Department through email, Facebook, or a return visit to your alma mater. Just send your updated email address to [anscmail@uconn.edu](mailto:anscmail@uconn.edu) to stay on the distribution.



Graduation was quickly followed by summer orientation for our new freshmen and transfer students. All new students should have been assigned an academic advisor. If you are unsure of who your advisor is, it should be listed in your student admin page. If no advisor is listed, please contact the main office and we will assign you an advisor. On Tuesday, August 27 beginning at 2:30 pm (it is in between sessions of ANSC 1001, so students in the Intro class won't miss lab!), we will hold our annual ice cream social to welcome new students in front of the George White Building. All students, new and continuing, are invited to visit with faculty as well as members of Animal Science clubs.



In addition to our new students this fall, Dr. Mary Anne Amalaradjou from Purdue University and Dr. Dennis D'Amico from the University of Vermont have joined the Department of Animal Science. To learn more about their expertise, go to page 2.

Throughout the summer, many of our faculty, graduate students and undergraduates won awards for their research and achievements. Peruse through this newsletter to see who won what!

In July, I traveled to the New England Morgan Show to watch and cheer for Mr. John Bennett, UConn Horse Unit Manager, as he showed UC Valentino and UC Master Mind in carriage events — UC before a horse's name indicates they were born at UConn! These sons of the great champion UC Ringmaster (full sibs, both out of UC Faith) did very well in their first show, winning ribbons in several classes. At the end of the day, Mr. Bennett and Jane Griffin, ANSC major, hooked the two brothers up and gave me a ride around the show grounds. Look for this Morgan pair around Horsebarn Hill as Mr. Bennett drives them at our ANSC events, including a tribute to their father, UC Ringmaster on September 29<sup>th</sup>.

See you for ice cream on August 27th!



### WELCOME NEW GRADUATE STUDENTS!

- Ms. Kaylin Belski—Dr. Richard Mancini's M.S. students
- Ms. Samantha Fancher & Ms. Christina Nishimura—Dr. Kumar Venkitanarayanan's M.S. students

### ANSC LIBRARY USE

Looking for a place where you can study quietly, in a group, or use a computer for school work? Look no further! The Department of Animal Science has a library open Monday-Friday (8 am—5 pm) in the George White Building (Room 110) that will solve all these needs! Want to host a club meeting after 5 pm? Contact the Animal Science Main Office at (860) 486-2413 to set up a reservation!

### ATTENTION STUDENTS

- For important dates, check out the Fall 2013 academic calendar at [www.registrar.uconn.edu/calendar\\_fall\\_13.htm](http://www.registrar.uconn.edu/calendar_fall_13.htm).
- Graduating this December? make sure you work with your advisor to complete your Plan of Study by the third week in the semester (September 13).

## GRADUATE STUDENT ACCOMPLISHMENTS

- At this year's Annual ASAS Joint Meeting held in Indianapolis, IN, our UConn graduate students made a clean sweep in the Oral Presentation Department. Congratulations to Joseline Raja (1st Place), Maria Hoffman (2nd Place), and Kristen Peck (3rd Place)!



- Dr. Venkitanarayanan's graduate students attended the 2013 Institute of Food Technologists (IFT) Annual Meeting & Food Expo in Chicago, IL this past July. Indu Upadhyaya (Ph.D. student) won 1st Place in the Food Microbiology Division Oral Competition, and Shankumar Mooyottu (Ph.D. student) won 2nd Place in the Food Microbiology Division Poster Competition.

*Pictured Below —Front Row (L-R): Genevieve Flock (M.S.), Indu Upadhyaya (Ph.D.), Meera Nair (M.S.). Back Row (L-R): Abhinav Upadhyay (Ph.D.), Varunkumar Bhattaram (Ph.D.), Dr. Venkitanarayanan, Shankumar Mooyottu (Ph.D.), Dr. Kollanoor Johny (Post-Doc).*



## NEW FACULTY MEMBERS



**Dr. Mary Anne Amalaradjou** is the department's newest Assistant Professor for Food Microbiology; her area of focus will be Food Microbiology with an emphasis in Probiotics. She completed her Ph.D. with Dr. Kumar Venkitanarayanan in 2010. Dr. Amalaradjou previously was working as a Postdoctoral Research Associate at Purdue University in the Food Science Department.



**Dr. Dennis D'Amico** is the department's newest Assistant Professor for Dairy Foods. He received his Ph.D. in Animal, Nutrition and Food Sciences with a focus on Food Microbiology from the University of Vermont (UVM), where he also was a Senior Research Scientist and Lecturer in the Department of Nutrition and Food Sciences. He was instrumental in creating the Vermont Institute for Artisan Cheese (VIAC), the nation's

first and only comprehensive center providing education, research and technical services to the artisan cheese industry. His responsibilities as Assistant Professor in the Department of Animal Science will include teaching ANSC 3641 Animal Food Products: Dairy Technology, conducting a number of short courses and workshops on dairy foods, and conducting research in the areas of Dairy Manufacturing and Food Safety.

## FACULTY PROMOTION



Please join US in a hearty CONGRATULATIONS to Dr. Sheila Andrew for her recent promotion approved by the Board of Trustees from Associate Professor to Full Professor!



## WANT TO JOIN A CLUB OR TEAM?



Ever want to be part of an ANSC club or team but did not know where to start? Below we have listed our departmental student groups, a little bit about them, and who to contact if you want to become a member!

### **Alpha Gamma Rho**

[Thomas.Hoagland@UConn.edu](mailto:Thomas.Hoagland@UConn.edu)

An agricultural fraternity that fosters values and provides its brothers lifelong personal and professional development. Alpha Gamma Rho (AGR) helps with CANR events such as Beef Sale and Cornucopia. They even host a few events of their own (e.g. tractor pull, pig roast)!

### **Block & Bridle**

[Matthew.Mcintosh@UConn.edu](mailto:Matthew.Mcintosh@UConn.edu)

Members have the opportunity to participate in many horse and livestock activities. Each year, the club sponsors and manages the Little International Livestock and Horse Show. Students may participate by fitting and showing sheep, cattle, swine, poultry, or horses. In the Spring, members have a chance to travel to other Northeastern land grant universities and compete in a regional competition regarding general knowledge in the animal sciences.

### **Dairy Club**

[Tia.Slivinsky@UConn.edu](mailto:Tia.Slivinsky@UConn.edu)

This club has been on the UConn campus since 1948. It focuses on dairy cattle and dairy cattle industry topics. In the Spring, they host the annual Dairy Show where students learn to train and show a UConn dairy heifer. In the Fall, they appear one weekend with UConn's production herd at The Big E, where they demonstrate milking, and provide information about the herd and club.

### **Dressage Team/ Club**

[Teagan.Gaeta@UConn.edu](mailto:Teagan.Gaeta@UConn.edu)

The UConn Dressage Team is a Club Sport that hosts a Fall and Spring Show, participates in various shows at other schools in the region, and volunteers at High Hopes Therapeutic Riding.

### **Equestrian Team/ Club**

[Catherine.Maher@UConn.edu](mailto:Catherine.Maher@UConn.edu)

Members learn good sportsmanship and commitment. Tryouts are held at the beginning of each year (and sometimes semester when spots open up) in a "competition style" event. Equestrian Team members compete in many Intercollegiate competitions across the state, and even Zones/National/Tournaments farther away.

### **Equine Club**

[Katherine.M.Fiore@UConn.edu](mailto:Katherine.M.Fiore@UConn.edu)

A club is for anyone with a passion for horses. Members do not have to have experience working with horses to participate in activities. We host Holiday Horse Photos in the fall, and also take various equine-related trips -- our most recent being to Aqueduct Racetrack in NY.

### **Polo Team/ Club**

[Kara.Googins@UConn.edu](mailto:Kara.Googins@UConn.edu)

The Men's and Women's Intercollegiate Polo Teams provide students the opportunity to enhance their polo skills through polo practicums, clinics, and national intercollegiate competitions. Competitive arena polo matches against other intercollegiate teams are played at home (Horsebarn Hill Arena) and away at sites including United States Polo Association regional and national championship tournaments.

### **Poultry Science Club**

[Julie.Notestine@UConn.edu](mailto:Julie.Notestine@UConn.edu)

This club organizes and runs the Southern New England 4-H Poultry Show and Showmanship contest each spring. They provide security at the Cornucopia Festival, help with the Connecticut Poultry Association BBQ, and annually organize a trip to Atlanta, GA to attend the International Poultry Exposition & Trade Show. They also decorate eggs at Easter time to deliver to people at Windham Hospital, and help with UConn's Little International Livestock Show.

### **Pre-Vet Club**

[Emma.Price@UConn.edu](mailto:Emma.Price@UConn.edu)

The UConn Pre-Veterinary Club allows members to explore areas of interest in the veterinary field through guest lecturers, veterinary school representatives, volunteer opportunities, animal handling demonstrations, and field trips. Their main fundraising events include Fall & Spring dog washes.

### **Sigma Alpha**

[Cecilia.Lavigne@UConn.edu](mailto:Cecilia.Lavigne@UConn.edu)

A professional agricultural sorority that promotes scholarship, leadership, service, and fellowship. UConn's Eta Chapter of Sigma Alpha was formed in 1990. They participate in Cornucopia, host a dance, put on a horse show, and participate in various other events.

### **UConn Morgan Drill Team**

[Stacey.Lindenmayer@UConn.edu](mailto:Stacey.Lindenmayer@UConn.edu)

The UConn Morgan Drill team is a non-competitive synchronized riding team. The team rides both English and Western disciplines, choreographs riding patterns to music, and performs at various events.

### **Western Club/Team**

[Elizabeth.Houston@UConn.edu](mailto:Elizabeth.Houston@UConn.edu)

A close knit Club Sport that focuses on the improvement and development of western riding in horsemanship style competition. The team competes across CT and MA as part of the Intercollegiate Horse Show Association (IHSA). Tryouts are held in the beginning of the fall semester and practices are held through the horse practicum.



## WHERE DID THEY GO?

Every year, an impressive number of UConn Animal Science seniors are accepted to and continue on to vet school. Below are the schools chosen by our seniors last year!

- Atlantic Veterinary College
- Auburn University
- Cornell
- Iowa State
- Mississippi State
- North Carolina State
- Purdue
- Ross University
- St. George's University
- Texas A&M
- Tufts
- University of California—Davis
- University of Florida
- University of Pennsylvania



# UNDERGRADUATE AWARDS

## SPRING 2013 ASAS AWARDS

The 2013 American Society of Animal Science Undergraduate Scholar Recognition Awards Ceremony was held this past May! This honor is awarded to Sophomores, Juniors, and Seniors in the top 10% of their class. Congratulations!

*Pictured: Michelle Forella, Amanda Fox, Samuel Lambert, Christiana Fischer, Molly Viner, Dr. Zinn, Amanda Steneck, Matt McIntosh, Emma Lavigne, Kaitlin Davies, Bethany Sullivan, Allison Schauer, Zoe Wichman, Lindsay Parshall, Rebecca Remeika, Julie Notestine, Clarissa Spadanuta, Katelyn Litchko, Kaitlyn Way, Abigail Ruane, Jacqueline Thomas, Mariah Harrington, Nicole Davoren, Rebecca Hasak, Leanne Wooley, & Alycia Fulton*



## 2013 HONORS PROGRAM MEDALS CEREMONY

The annual Honors Program Medals Ceremony took place on Saturday, May 4th at Jorgensen Auditorium. Both Honors Scholars and University Scholars attend this event in celebration of their academic accomplishments. Pictured here are five Department of Animal Science undergraduate Honors Scholars who attended.

*Pictured (L-R): Adrienne Barrett, Rachel Forbes, Michelle Forella, Amanda Fox, & Molly Viner*



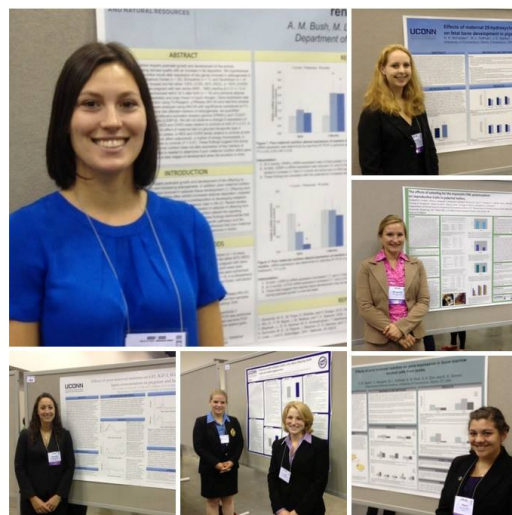
## NATIONAL ANIMAL SCIENCE MEETING AWARDS

Students from the Department of Animal Science presented their Undergraduate Research Projects at the National Animal Science Meetings in Indianapolis, IN. They all did a wonderful job presenting and representing UConn's Department of Animal Science student body at the meetings. Below are the undergraduate students who won awards:

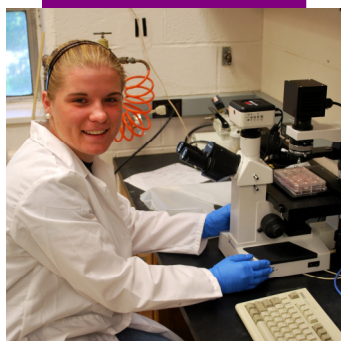
### Poster Presentation Awards

Dana Kaelin—1st Place  
Katelyn McFadden—3rd Place  
Alison Bush—5th Place

*Pictured (Clockwise Top Right): Katelyn McFadden, Elizabeth Forbes, Dana Kaelin, Bethany Sullivan and Lisa Dauten, Michelle Forella, & Alison Bush*



## ANSC UNDERGRAD RESEARCH



**Bethany Sullivan**, an ANSC junior and member of the UConn Honors Program, works in **Dr. Sarah Reed's** laboratory. Bethany is spent the summer researching how cytokines affect the proliferation, differentiation, and fusion of myoblasts and is hoping to use this as part of her Honors Thesis. In culture, myoblasts mimic satellite cells, which are muscle stem cells that aid in growth and repair of skeletal muscle. Cytokines are proteins that are normally secreted in a live animal to help facilitate repair of damaged skeletal muscle tissue or during periods of disease. To understand how specific cytokines are affecting myogenesis, Bethany is culturing C2C12 mouse myoblasts and treating them with two different concentrations of the cytokine interleukin (IL)-1 $\beta$ , then determining if IL-1 $\beta$  helps or hinders the growth of these cells and formation of muscle fibers. Since the effect of IL-1 $\beta$  on myoblasts has not been previously determined, Bethany's experiment will contribute to a larger study on the regulation of myoblasts and satellite cells by cytokines, which will provide insight into the mechanisms that contribute to muscle atrophy during disease conditions.

Want to read more about undergraduate research? Visit the ANSC website!

## AN INTERVIEW WITH DR. THOMAS HOAGLAND

NORTHEASTERN (A.S., '69), UCONN (B.S., '73 & M.S., '75), OKLAHOMA STATE (PH.D., '80)

Dr. Thomas Hoagland, Professor, Department of Animal Science, remembers when he first started teaching that DNA was something in the nucleus and not something you could manipulate. He initially set out to become a teacher, either in a high school or as an extension agent, but when it came time to register for classes at UConn as an undergraduate student, he specifically remembers meeting Dr. Donald Kinsman. Dr. Kinsman was his inspiration to become an Animal Science Professor of Livestock. "Dr. Kinsman was very friendly and genuinely enjoyed interacting with me." After noting the lifestyle of the professors at UConn, Dr. Hoagland decided to alter his goals so that he, too, could one day become a college professor.

Dr. Hoagland attended night-school at Northeastern University and obtained his Associate's Degree in Mechanical Engineering in 1969. Next, he enrolled himself at UConn and earned both a Bachelor's Degree (1973) and a Master's Degree (1975) in Animal Science with research centered on beef cattle. Finally, the icing on the cake, he earned his Ph.D. in Animal Breeding from Oklahoma State University in 1980. Within the same year, Dr. Hoagland was hired as an Assistant Professor and began teaching at UConn's Department of Animal Science (then known as the Department of Animal Industries). From day one, his favorite part about being a professor is the students – their youth, energy, interest, and commitment.

Over the years, Dr. Hoagland has taught many courses at UConn, but currently he teaches: Anatomy and Physiology of Farm Animals, Livestock Production, Advanced Animal & Product Evaluation, Livestock & Carcass Evaluation, Animal Breeding & Genetics, and Management Skills & Practices – Beef, Sheep, and Swine. Without a doubt, Livestock Production is his favorite course to teach. The course provides students a lot of hands-on experience with the animals, which allows Dr. Hoagland to be able to effectively convey, with the use of the animals in the class, the physiology behind management practices. He says the most important skill a teacher needs is to be responsive to student needs and welfare. So, to keep them up-to-date with the latest developments, he is constantly reading new research and textbooks. His main research interest is improving the production of food from animals. When asked what he thinks is the most interesting finding he's discovered, he says "the most recent finding is always the most interesting". (Continued on Page 9...)



A photo of Dr. Hoagland as a graduate student at Oklahoma State in 1975.



## U.C. RINGMASTER MEMORIAL CEREMONY (9/29)

The Department of Animal Science U.C. Ringmaster Memorial Ceremony will be held on Saturday, September 29, 2013 at 11:30 AM at the UConn Horse Unit I Tent on Horsebarn Hill Road. The event will be held rain or shine. Visit [www.animalscience.uconn.edu](http://www.animalscience.uconn.edu) for program details.



## CORNUCOPIA EVENTS

Cornucopia Fest 2013 will be held on September 29th from 11 AM—4 PM. Events will include a tour of Horse Units at 11 AM to meet the Morgans, a UC Ringmaster Memorial Ceremony at 11:30 AM, and a Polo Match in the afternoon. For more information, visit [www.cornucopia.uconn.edu](http://www.cornucopia.uconn.edu)

## NEW COKE MACHINE!



Need a drink? A new Coke machine was delivered this summer to the George White Library! For your convenience, it takes both cash & credit!

## ANSC POST-DOC RECEIVES AWARD



ANSC's own Post-Doc, Dr. Kollanoor Johny, just won an "Achievement Award for Outstanding Volunteering" — awarded by the National IFT to the State Chapter nominee to honor exceptional volunteerism in the state.

## DEAN OF ACADEMIC PROGRAMS NEW LOCATION!

As you know, the Young Building is now open and in full swing! The office for the Dean of Academic Programs has been relocated from ABL back to its origin in the W.B. Young Building, Suite 206.

## DON'T MISS THESE FALL ANSC EVENTS!

- ANSC Freshman, Transfer, and Continuing Student Welcome and Ice Cream Social—*Tuesday, August 27*
- ANSC Seminar Series—*Every Friday beginning September 13. For more details, visit [www.animalscience.uconn.edu/calendar.php](http://www.animalscience.uconn.edu/calendar.php)*
- 2013 Cornucopia Festival and UC Ringmaster Memorial—*Sunday, September 29*
- Dressage Home Show—*Sunday, October 6*
- Drill Team Fun Horse Show—*Friday, October 25*
- Little International Livestock Show (Little "I")—*Saturday, October 26*
- UConn Beef Auction—*Saturday, November 2*

## ANSC ALUMNI NEWS!



**Genevieve Comeau, DMV**, graduated from UConn in 2009 with a Bachelor's Degree in Animal Science with a pre-veterinary focus. She worked in Dr. Zinn's research lab during her junior and senior years as an assistant on projects concerning rehabilitation of stranded seals as well as her senior honors thesis project on growth of mule deer fawns fed a variety of

diets. She also worked as a veterinarian's assistant at a nearby veterinary clinic.

After graduating from UConn, Genevieve attended the University of Pennsylvania School of Veterinary Medicine where she focused on equine medicine and spent the majority of her clinical time at the school's large animal facility, New Bolton Center. Throughout her time in vet school, she appreciated the strong animal science background gained from UConn. After graduating from UPenn in May 2013, Genevieve pursued an internship and gained employment in private practice at the New England Equine Medical & Surgical Center in Dover, NH.



Alumna **Dr. Kristen Johnson** received her B.S. in Animal Sciences with an interest in animal nutrition from UConn in 1980, and then went on to Michigan State University where she earned an M.S. and Ph.D. in Animal Sciences with again an emphasis in animal nutrition. She attended Colorado State University for post doctoral experience in animal energetics. She is now currently a professor at Washington State University in the Department of Animal Sciences and teaches several undergraduate classes including a freshman seminar, upper division courses in Ruminant Nutrition and Beef Cattle Production, and graduate classes in nutrition and nutrient management. Her research program includes work in whole animal and mitochondrial energy expenditure, methane production by ruminants and nutrition and the environment. The path she took following UConn now is not one she would have predicted but rather is the result of a lot of opportunities leading to her current position. ([Read more about Dr. Johnson's experience...](#))



**Dr. R.L. "Bob" Hough** is a UConn alumnus. He was raised in Pennsylvania where his family had a general livestock farm. He graduated from UConn in the Department of Animal Science (formerly named Animal Industries) with his M.S. degree in 1984. Dr. Hough remained at UConn once he received his degree and due to an assistantship he was able to teach Farm Management, Beef Cattle Management, Livestock Evaluation and coached the UConn Livestock Judging Team all while working part-time toward a PhD in agronomy with an emphasis in grazing.

His background in animal science led him on quite an accomplished career path where he was employed as a Livestock Extension Specialist, editor for the Journal of Sustainable Agriculture, Executive Secretary/Treasurer (CEO) for ten years and Marketing Coordinator for three years at the Red Angus Association of America (RAAA), and served as President of U.S. Beef Breeds Council.

Dr. Hough is an avid writer, popular speaker and livestock evaluator, having written more than 300 scientific, technical, and popular press articles, wrote the book The History of Red Angus, coauthored Breeds of Cattle, been quoted in many national articles, and has been invited to speak on programs in 27 states, four Canadian provinces, Paraguay, Bolivia, and Brazil. ([Read more of Dr. Hough's success post UConn...](#))



**Dr. Surendranath Suman** graduated from the Department of Animal Science in 2006, with a Ph.D. This past July, he was awarded

the 2013 ASAS Early Career Achievement Award at the annual ASAS/ADSA meeting in Indianapolis.

## COURSE & CURRICULUM CHANGES FOR FALL '13

### New Courses this Fall...

- Dr. Tufts will be teaching a new course – SAAS 295 Case Based Equine Management
- Dr. Safran will be teaching a new course -- SAAS 363 & 364 Management Skills & Practices - Dairy Cattle I & II

### New Requirements: Affects only students matriculating in ANSC program for the first time in Fall '13...

#### Group A (must take all):

- ANSC 1001 (Introduction to Animal Science)
- ANSC 1111 (Principles of Animal Nutrition & Feeding)
- ANSC 3121 (Principles of Animal Genetics)
- ANSC 3122 (Reproductive Physiology)
- ANSC 3194 (Seminar)
- BIOL 1107 and 1108 (Principles of Biology)
- CHEM 1127Q or CHEM 1122 (General Chemistry or Chemical Principles and Applications)
- CHEM 2241 and 2242 (Organic Chemistry and Lab) (Chemistry 2243, 2244 and 2245 can substitute)
- MCB 2000 (Introduction to Biochemistry) or MCB 2610 or ANSC 4341 (must take 1 of the 3 courses)
- PVS 2100 (Anatomy & Physiology of Animals)
- One W course within the major.

Students must take 1 course from Group B, 1 from Group C, and 1 extra course from Group B or C (3 classes total)

#### Group B Classes

ANSC 2251 (Horse Science)  
ANSC 2271 (Principles of Poultry Science)  
ANSC 3261 (Dairy Cattle Management)  
ANSC 3272 (Laboratory Animal Science)  
ANSC 3273 (Livestock Management)

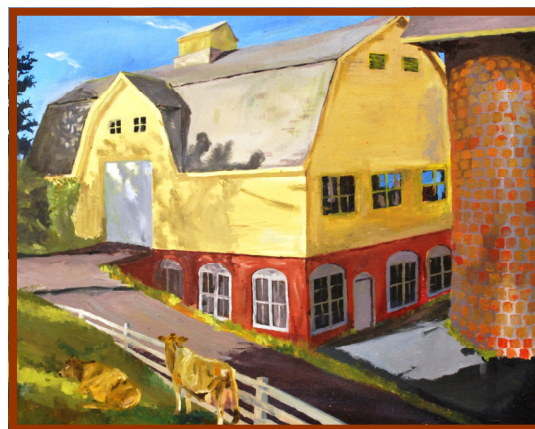
#### Group C Classes

ANSC 3311 (Comparative Exercise Physiology)  
ANSC 3313 (Growth Biology & Metabolism in Domestic Livestock)  
ANSC 3323 (Animal Embryology and Biotechnology)  
ANSC 3343 (Animal Food Products)  
ANSC 4311 (Advanced Animal Nutrition)  
ANSC 4341 (Food Microbiology & Safety; cannot be used as a Group A & Group C)

## ANSC STUDENT PAINTS UCONN

Matthew McIntosh, ANSC and Fine Arts Double Major, has donated a few of his pieces to the Department of Animal Science — you may have even see them around the George White Building! So we decided to interview him regarding his inspirations for art and Animal Science. “My mom used to say that I would get withdrawals from drawing, if I didn’t do it enough, and I think I started painting with serious interest in grade school. I lived in Ledyard, CT until I was in first grade, and could not stop talking about/drawing cows. My interests in cattle and animals in general continued to expand with age, thus UConn’s Department of Animal Science seemed like a natural fit.”

[\(Read more about Matt’s painting methodology, interests, and awards...\)](#)





## **CONTINUED: AN INTERVIEW WITH** **DR. THOMAS HOAGLAND**



Dr. Hoagland travels with Block & Bridle Club to the Northeast Student Affiliate Competition (NESA) every year to support their competitive efforts against other schools in the Northeast regarding Dairy and Animal Science judging and quiz bowl.

Dr. Hoagland likes interacting with people and especially joking around with them – that is how he was brought up and it has not changed. He was born in South Boston and raised in Braintree, MA. Dr. Hoagland cannot ever remember a time when his family did not have dogs as pets, which might be the reason he is also a dog breeder. He and his wife have raised Labradors for the past 20 years – of which many have earned awards including show championships, various hunting awards, and many obedience titles. In addition, to keep on bird hunting and fly fishing, Dr. Hoagland's goal for the future is to remain healthy well into retirement.

To be more specific, he notes how his PhD graduate student (Charlotte Bacon) has been the first to show the influence of PGF2a and PGE2 on oxygen consumption and p4 production in mitochondria isolated from bovine corpora lutea.

In addition to teaching courses and conducting research, Dr. Hoagland also participates in numerous activities on campus that many people might not know about. He is the advisor to Block & Bridle and to the agricultural fraternity Alpha Gamma Rho. He is also Vice Chairperson to the Institutional Animal Care and Use Committee (IACUC) and has been University Marshall directing Commencement ceremonies for 30 years!



Dr. Hoagland and one of his many dogs that he competes with in the U.S. and even Canada! He also brings his dogs into class as an example of companion animals.

### **MORE GRADUATE STUDENT NEWS!**

- Congratulations to two ANSC Graduate Students! Each won a scholarship for the upcoming school year! Genevieve Flock (M.S.) was awarded the Eastern States Exposition Connecticut Trustee Graduate Student Scholarship, and Indu Upadhyaya (Ph.D.) won the Jerry Yang Graduate Research Award. Great job!
- At the Poultry Science Meeting in San Diego, California, ANSC Ph.D. student Indu Upadhyaya won the Best Graduate Student Research Presentation in the Poultry Products Safety Division. Also, ANSC Ph.D. student Hsin-Bai Yin won the Best Graduate Student Research Presentation in the Feed Additives/Ingredients Division.

## AGRICULTURE FUTURE OF AMERICA



AFA's mission is to create partnerships that identify, encourage and support outstanding college men and women preparing for careers in the agriculture and food industry. Check out what they have to offer: [www.agfuture.org](http://www.agfuture.org)



### CHECK IT OUT!



Held for 17 days each September, The Big E (West Springfield, MA) is the largest fair in the Northeast, and home to The Big E Cream Puff, Craz-E Burger, and various Department of Animal Science events! The **UConn Dairy Club** will be at the West Springfield fair's Mallary Complex from September 26th through the 29th with a display herd. Ten milking cows and eight heifers will be presented by the club for milking and other educational purposes. More animals might be going, but as of 6-25-13 not sure. Also, Dr. Darre and the **Poultry Club** always attend The Big E to educate the public about poultry and safe egg cooking techniques. This year, you can check them out in the Connecticut Building on September 21st & 22nd. So, come for the rides or come for the food, but definitely come out and celebrate the efforts of UConn's Department of Animal Science.

## DR. GOVONI RECEIVES ASAS YOUNG SCIENTIST AWARD FOR RESEARCH

Dr. Govoni was presented an plaque at the Northeast ADSA/ASAS annual meeting held this past July in Indianapolis, IN for her outstanding contributions to the field of Animal/Dairy Science. For eligibility, the recipient must be a member of the Northeast Regional ADSA-ASAS, be currently active in the field of Animal/Dairy Science, and have 10 years or less experience beyond the Ph.D. (or equivalent) degree. Selection is based upon a contribution related to animal production and/or their products for teaching and (or) extension educational programs, responsibilities with the national and regional ADSA/ASAS activities, with livestock and dairy organizations, and the effectiveness of the candidate's efforts.

Dr. Govoni's current research focuses on understanding growth and development at the cellular level to identify methods to improve animal health and efficiency of production. Currently, there are two major focuses in the laboratory. The first is to determine the effects of poor maternal nutrition on pre- and post-natal development using a sheep model. In particular, she and her students are working to determine the effects of under- and over-feeding during gestation on muscle, bone and adipose tissue as well as the potential programming effects of maternal diet on mesenchymal stem cells in the offspring. The second focus is to determine molecular mechanisms involved in the attachment and invasion of *S. Aureus* in the bovine mammary gland using whole transcriptome analysis. In addition, they are investigating the effectiveness of plant-derived anti-microbials to prevent and treat mastitis in cattle.



## COMPLIANCE CORNER

### *QUICK TIPS AND HELPFUL HINTS ABOUT THE BARN AND LAB!*

How often do you tie your shoe laces? How often do you buckle your seat belt? And have you ever put on shin guards for soccer, a helmet for baseball or even goggles for swimming? For most of us, these preparations don't take much forethought and only take a minute or so out of our busy day. This is what we are striving for in the *Animal Science Department* at UCONN.

Any tool or piece of equipment that you "don" or put on to protect yourself from injury or pain is considered personal protective equipment (PPE). Here are a few tips on the most common types of PPE that are used in our beloved department.

**\*Caution\*** These tips will do more than protect you, they'll impress your managers and help you keep your job!!

#### Safety Glasses



- If you are in a laboratory and within arms reach of chemicals and/or potentially infectious materials, put on safety glasses. Otherwise, put on safety glasses!
- **Safety Glasses vs Goggles** – Goggles provide a more complete seal around your eyes. Therefore, if you perceive a higher than normal risk of chemicals or infectious agents spilling or splashing, goggles are your best option.



#### Laboratory Coats

- If you are in a laboratory and working with chemicals and/or potentially infectious materials, put on a laboratory coat. Otherwise, your clothing may be carrying some interesting specimens from your lab to your very own home!



#### Appropriate Clothing or Uniforms

- Long pants are a **MUST** at all of the barn units and should also be considered when working in laboratories that contain chemicals or infections agents.

- Courtesy of Victor Delaire, ANSC Compliance Coordinator

## ANSC STUDENTS AND FACULTY WELCOME YOUR SUPPORT

If you would like to contribute to a scholarship or to the general ANSC fund, please complete the information below or make a donation online at [www.foundation.uconn.edu](http://www.foundation.uconn.edu) and click GIVE NOW.

\_\_\_\_\_ I/ we would like to contribute to the ANSC department. Please indicate amount:

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For more information, contact Jennifer Simoniello via mail, phone, or e-mail: University of Connecticut, Department of Animal Science, 3636 Horsebarn Road Ext., Storrs, CT 06269-4040; (860) 486-2413; [Jennifer.Simoniello@UConn.edu](mailto:Jennifer.Simoniello@UConn.edu)