

The Official Newsletter



DEPARTMENT OF
ANIMAL & AVIAN SCIENCES



summer
2012

Annual Symposium

The department's Annual Symposium was held on May 30, 2012. This all day, year-end event, now in its 26th year, is a research showcase and celebration for our department. The keynote speaker this year was **Dr. Frank Mitloehner**, Associate Professor and Air Quality Specialist in Cooperative Extension at University of California, Davis. He is an internationally renowned authority for agricultural air quality, animal-environmental interactions, and environmental engineering. Dr. Mitloehner's talk was entitled "Overarching demand for food and implications for resource use and ecosystems" and was enjoyed by all. The day featured good food and good times, including oral presentations from graduate students, faculty, and staff, a poster session, and our annual barbecue at the end of the day.



Drs. Burk, Mitloehner, and Porter

Award Winners at the 2012 Annual Symposium

Masters Student of the Year - **Kendra Smyth**

Ph.D. Student of the Year - **Jason Sinclair**

Oral 1st Place - **Apratim Mitra**

Oral 2nd Place - **Xiaoqing Yuan**

Poster 1st Place - **Kara Duffy**

Poster 2nd Place - **Shen Li**

Post doc 1st Place - **Andy Schiffmacher**

Post doc 2nd Place - **Chong-Yi Wu**

The Shaffner Award for Poultry Research: 1st Place - **Rebecca Phillips**

The Shaffner Award for Poultry Research: 2nd Place - **Qiong Hu**

Staff Member of the Year: **Kiera Finucane**



Dr. Keefer, Kendra Smyth and Dr. Porter



Dr. Porter, Kara Duffy and Dr. Burk



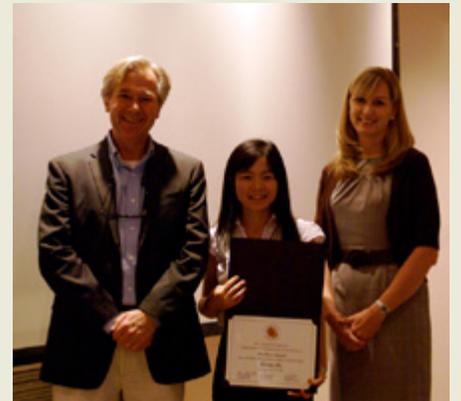
Dr. Porter, Rebecca Phillips and Dr. Burk



Dr. Keefer, Jason Sinclair and Dr. Porter



Dr. Porter, Shen Li and Dr. Burk



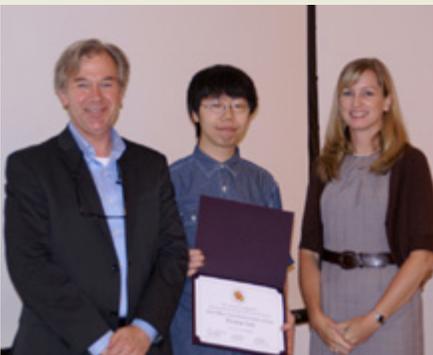
Dr. Porter, Qiong Hu and Dr. Burk



Dr. Porter, Apratim Mitra and Dr. Burk



Dr. Porter, Andy Schiffmacher and Dr. Burk



Dr. Porter, Xiaojing Yuan and Dr. Burk



Dr. Porter, Chong-Yi Wu and Dr. Burk



Kiera Finucane

The Shorb Lecture

This year's Shorb Lecture "Genomics of Trace Elements" was delivered by **Dr. Vadim Gladyshev** on May 10, 2012 in the Animal Sciences Lecture Hall. A reception for Dr. Gladyshev was held afterward. Dr. Gladyshev is currently the Head of the Center for Redox Medicine at Harvard Medical School. His research focuses on the role of the trace element Selenium and redox biology as applied to cancer, aging, and reproduction. Dr. Gladyshev has single handedly identified scores of new pathways and new proteins that are dependent on Se to control the redox state of an organism.



Drs. Vadim Galdyshev and Iqbal Hamza at Shorb Reception

Faculty News

AGNR Faculty / Staff Excellence Awards

The 2012 AGNR Spring Convocation and Awards Presentations were held at the Riggs Alumni Center on May 3, 2012. Two of the department's faculty members were honored. **Dr. Lisa Taneyhill** received the College's On-Campus Junior Faculty Award. **Dr. Angela Black** received the Paul R. Poffenberger Excellence in Teaching & Advising Award.



Dean Wei with Dr. Lisa Taneyhill



Dean Wei with Dr. Angela Black

2012 Alumni Professional Achievement Award

Dr. Lisa Taneyhill was the recipient of the 2012 Alumni Professional Achievement Award from her alma mater, McDaniel College in Westminster, Maryland. This award is presented to graduates who have gained national/international distinction in his/her chosen field or profession and whose accomplishments reflect admirably on the College.



Dr. Lisa Taneyhill



Dr. Tom Porter

Dr. Porter recognized by Poultry Science Association

Dr. Tom Porter was awarded the Embrex Fundamental Science Award at the Poultry Science Association's 101st Annual Meeting on July 12, 2012. This award is in recognition of Dr. Porter's outstanding achievement in basic disciplinary science on which advancements in Poultry Science will be built.

Faculty News

UMCP-UMB Seed Grant

Dr. Liqing Yu was awarded a 2012 UMCP-UMB Seed Grant for his proposal titled “18F-Proline PET/CT Imaging for the Detection of Early Liver Fibrosis.” This grant provides \$75,000 of funding.

MSCRF Grant

Dr. Bhanu Telugu was awarded his first grant from the University of Maryland. It is a 2 year/ \$200,000 “Exploratory Grant” from Maryland Stem Cell Research Foundation (MSCRF).

New Faculty Member, Dr. Kasey Moyes

Dr. Kasey Moyes joins the faculty as an Assistant Professor in August. She is currently here as a Visiting Assistant Professor. She has come to Maryland from Århus University in Tjele, Denmark where she was a Post-Doctoral Research Assistant (2009-12) in the Department of Animal Sciences with Dr. Klaus Ingvarsten. She received her Ph.D. in Animal Science from University of Illinois at Urbana-Champaign in 2008 working with Dr. James Drackley. Dr. Moyes will be teaching ANSC101 and ANSC103 in the fall and ANSC 443, Physiology and Biochemistry of Lactation, every other spring. Dr. Moyes’ research interests in nutritional immunology of dairy cattle involve 1) the relationship between energy metabolism and immune response in dairy cows during mastitis and 2) the development of in-line and real-time measurement of biomarkers in milk for degree of physiological imbalance and subsequent risk of disease in lactating dairy cows on-farm. Her laboratory is being renovated on the fourth floor.

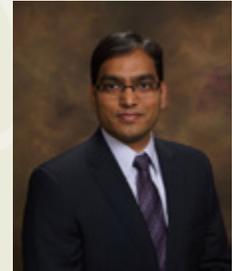
New Research Laboratories Open

Dr. Debabrata Biswas held an Open House on March 7, 2012 to celebrate the completion of his research laboratory on the third floor. Dr. Biswas is pictured here with **Dr. Tom Porter, Chair**.

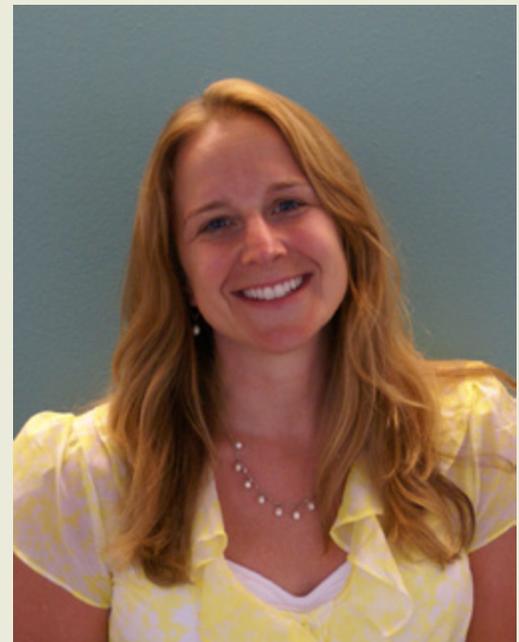
Dr. Byung-Eun Kim’s Open House celebrating the completion of his research laboratory was on April 19, 2012. Dr. Kim is pictured here with Dr. Porter officially opening the laboratory.



Dr. Liqing Yu



Dr. Bhanu Telugu



Dr. Kasey Moyes



Drs. Porter and Kim



Drs. Biswas and Porter

Faculty News

Dr. Mark Varner, Emeritus Professor

Dr. Mark Varner retired in November 2011 and was appointed Professor Emeritus. Joining the department as an assistant professor in 1981, Dr. Varner served as graduate director from 1999-2003, undergraduate coordinator from 2005-2010, and taught Applied Animal Physiology and Reproductive Physiology. Along with Roger Cady, Dr. Varner cofounded Dairy-L, the first electronic discussion list in agriculture which remains active 20 years later. He developed distance learning programs in conjunction with universities in Russia from 1999-2009 and was the director of the AGNR International Office at that time of his retirement. Dr. Varner is now Senior Counsel for the Board of International Food and Agricultural Development (BIFAD) and the Association of Public and Land Grant Universities in Washington, DC.

Dr. Varner Receives Outstanding Alumnus Award

Professor Emeritus Mark Varner received an Outstanding Alumnus Award from Washington State University at their 27th Annual Recognition Program on April 13, 2012. He is pictured here with his MS mentor, Dr. Jerry Reeves, Professor Emeritus of Animal Science at WSU. For the WSU write up on Dr. Varner, go to <http://bit.ly/HRoMII>



Drs. Reeves and Varner

Student News

Scholarships

The department is proud to announce this year's recipients of the ANSC Scholarships:

Judith E. Brocksmith Scholarship – **Rachel Sclarsky**
Dodson Memorial Scholarship – **Hanum Wensil-Strow**
Lillian Hildebrandt Rummel Scholarship – **Megan Brown** (graduate student)

England Scholarships:	Hartsock Scholarships:
Annelise Meyers	Aikeen Jones
Mackenzie Campbell	Melinda Gilmer
Brittany Mills	
Audrey Ervin	

Maryland Day/Ag Day

University of Maryland Block and Bridle hosts successful Livestock Show and Events

The University of Maryland hosted its Maryland Day Open House on Saturday, April 28, 2012. For the Block and Bridle Club at UMD, the day consisted of a student livestock show, which was then followed by the presentation of the Chad Clark Herdsmanship Award and many other "Ag Day" traditions. Animal Science students of all experience levels competed in the livestock show hosted by the University's Block and Bridle Club. At the end of March, with the help of student and staff coaches, 60 exhibitors began training their animal of choice – swine, lamb, dairy heifer, or beef steer – in preparation for Ag Day. Many of these animals had never been handled and required the students to put in hours of training. The students and the animals form bonds with each other as the days leading up to Ag Day are a learning experience for both of them. The pigs started the day with **Dr. Tom Hartsock** judging the classes and naming senior **Ed Horowitz** champion. Next, **Senator Barry Glassman** evaluated the sheep showmen, in which senior **Anjuli Bhaduri-Hauck** won the champion title. After the lambs, came the dairy heifers, and **Michelle Kurtovic** was awarded champion by **Sean Johnson**. Lastly, **Bruce Bennett** judged the beef steer classes, which ended with senior **Jeanne Herbert** winning champion. The four champions then continued on to the grand champion competition where each of the students had to show all four species. The livestock show concluded with the judges naming **Jeanne Herbert** as this year's grand champion due to her outstanding showmanship. After the completion of the livestock show, the Chad Clark Herdsmanship Award was presented by the Clark family in memory of their son who passed away in a car crash. **Emily Beall**, the swine student coach, was the recipient of this year's award for her dedication and willingness to help all of the student exhibitors. Additional Ag Day traditions included the Equestrian Club's horse show and the fistulated cow demonstration. **Dr. Zhengguo Xiao** "won" the Sigma Alpha Kiss-A-Pig contest. Overall, the Ag Day was a huge success and we hope to see you next year!



Ivan with Jenna McMillan *

Student News

Ag Day Competition Results:

Swine Show

Class 1: Novices

Ed Horowitz – 1 (Champion)

Jeanne Herbert – 2 (Reserve Champion)

Matt Shryock - 3

Mallan Willis – 4

Lauren Ghent – 5

Lamb Show:

Champion - **Anjuli BhaduriHauck**

Reserve Champion – **Emily Cecil**

Class 1: Intermediates

Anjuli BhaduriHauck – 1

Dana Schechter - 2

Ashley Klein - 3

Class 2: Novice

Emily Cecil - 1

Megan Parry - 2

Andrea Noer - 3

Yoko Chaumont - 4

Class 3: Novice

Alyssa DeLucci - 1

Chelsea Kahn-Deere - 2

Emily Diener – 3

Sarah Wronski - 4

Class 4: Beginners

Asha Phillip - 1

Alex Proctor – 2

Dairy Show:

Champion – **Michelle Kurtovic**

Reserve Champion – **Tim Von Thun**

Class 1: Advanced

Audrey Ervin - 1

Mallan Willis – 2

Rebecca Stoecker -3

Class 2: Novice

Michelle Kurtovic - 1

Tim Von Thun - 2

Constance Brinks - 3

Stephanie Lo - 4

Becky Uphold - 5

Class 3: Novice

Emily Milchling - 1

Bridget Aylward - 2

Emily Snyder - 3

Daniel Olmedo - 4

Class 4: Beginners

Hanum Wensil-Strow - 1

Kara Levin - 2

Kelly Brower - 3

Andrea Noer - 4

Christina Gonzales - 5

Class 5: Beginners

Katie Gankos - 1

Emily Jenkins - 2

Dana Schechter - 3

Halli James - 4

Elisa Behzadi - 5

Beef Show:

Champion – **Jeanne Herbert**

Reserve Champion – **Deedra**

Suchting

Class 1: Advanced

Jeanne Herbert - 1

Deedra Suchting - 2

Anna McGucken - 3

Class 2: Intermediate

Rebecca Mitchell - 1

Christine Bradley - 2

Class 3: Novice

Kelly Morani – 1

Stephanie Paultre - 2

Dekarra Johnson - 3

Grand Champion Show:

Grand Champion - **Jeanne Herbert**

Chad Dulin Clark Memorial

Herdsmanship Award – **Emily Beall**

Sigma Alpha's Kiss-a-Pig:

Dr. Zhengguo Xiao

Our livestock judges:

Swine: **Dr. Tom Hartsock**

Sheep: **Senator Barry Glassman**

Dairy: **Sean Johnson**

Beef: **Bruce Bennett**

Our student coaches:

Swine: **Emily Beall**

Sheep: **Emily Jellick**

Dairy: **Brittany Mills**

Beef: **Mac Campbell**



Kelly Brower, Tim Von Thun, and Emily Snyder fit their dairy heifer topline before heading to the ring.*



Senator Barry Glassman inspects the lambs in the Intermediate Showman class. Dana Schechter, Anjuli Bhaduri Hauck and Ashley Klein*



Victoria Lake, Dr. Scott Glenn, Zhengguo Xiao and Brian Bequette

Student News

Graduation 2012

The AGNR graduation ceremony was held of May 21, 2012 in the campus Armory. ANSC student, **Ashley Klein** delivered one of the graduation addresses. In addition to eleven students that graduated with Latin honors, four were elected to the Phi Beta Kappa honor society. Those students were **Ashley Klein, Anna McGucken, Sindhu Siva** and **Wanxin Liu**.

Animal and Avian Sciences Department – Graduating Class of 2012:

Summa Cum Laude:
McGucken, Anna Mae

Magna Cum Laude:
Delshad, Deborah
Siva, Sindhu
Willis, Mallan M.

Cum Laude:
Bradley, Christine Mary
Gankos, Katelyn
Gates, Katherine
Klein, Ashley Clair
Mitchell, Rebecca Lee
Liu, Wanxin
Schechter, Dana

Armstrong, Jillian Soo
Beall, Emily Randi
Bell, Kristine Nicole
Bernardo, Heather Joan
Bhadurihauck, Anjuli Lucija
Booth, Gabriella
Brower, Kelly Elizabeth
Chia, Han Ying
Coleman, Camille Micheaux
Cotton, Elizabeth
Dickey, Erin E.
Fleming, Caitlin Marie
Freudenberger, Kelly Clemons
Ghent, Lauren Elizabeth
Gilmer, Melinda Rae
Goodell, Emily Faith
Harting, Jessica Erin
Hauser, Hagar O.
Hausman, Ashleigh Marie
Hom, Stephanie M.
Hoolihan, Juliana Dorothy
Horowitz, Edward S.
Johnson, Dekarra Ann

Joyner, Jessica Lorraine
Kay, Tziporah
Kosinski, Grace Elizabeth
Kristiansen, Nicollette Flores
Laser, Kimberly A.
Leach, Emily Michelle
Lenahen, Killian Marie
Livingston, Ransom Xavier
Macchio, Lauren
Margerison, Sarah M.
Motherway, Daniel S.
Murner, Elizabeth
Paultre, Stephanie
Przydrozny, Alyssa Lynn
Ricks, Monica Sabrina
Rockhold, Lucca L.
Rodziewicz, Sonia A.
Salamon, Christopher William
Sanford-Crane, Hannah
Senders, Ariella
Uphold, Rebecca Lynn
Villeneuve, Catherine M.
Yi, Kayla D.



Ashley Klein*



Nathan Glenn & Anna McGucken

In the graduate studies program, five students completed their degrees:

Tiffany Carro, Ph.D.
Ratan Choudhary, Ph.D.
Heather DeCaluwe, Ph.D.
Hyunsu Shin, M.S.
Kendra Smyth, M.S.



Ratan Choudhary *



Tiffany Carro*



Becky Uphold, Kelly Brower, Anna McGucken, Mallan Willis, Katie Gankos, Rebecca Mitchell and Emily Beall

Student News

GSD/ASAS/ARPAS Awards Banquet

Kiera Finucane Receives GSD Award

The agricultural honor society, Gamma Sigma Delta (GSD) presented **Kiera Finucane** with a Certificate of Merit for Excellence in Extension at the joint banquet with the ASAS (American Society of Animal Science) and ARPAS (American Registry of Professional Animal Scientists) on May 2, 2012. Kiera is the department's Coordinator of Dairy/Beef Extension Activities.

ASAS and ARPAS Awards

Several undergraduate students were honored by the ASAS and ARPAS at the banquet. The awardees are pictured here with Dr. Porter. Students selected for the ASAS Award must be enrolled in a four-year curriculum of animal science (dairy, food, meat, or poultry) for a period of at least two semesters or three quarters to be eligible for nominations and must rank scholastically among the top 10% of senior, junior, or sophomore classes and they must be of good moral character and intend to pursue a career in animal science.

The ARPAS Award recipients are the top two juniors and seniors (who have not won the ARPAS award before). They receive a \$100 check from the society.

ASAS (ARPAS) Award Winners:

Seniors

Ashley C. Klein (ARPAS Award)

Anna M. McGucken

Sindhu Siva (ARPAS Award)

Mallan M. Willis

Juniors

Ann M. Bolek (ARPAS Award)

Christine M. Condo (ARPAS Award)

Rachel Sclarsky

Sophomores

Chelsea R. Kahn-Deere

Steven J. Moirano

Zachary A. Pilossoph



Dr. Rich Erdman and Kiera Finucane



Top row: Zachary Pilossoph, Steven Moirano, Annie Bolek, Christine Condo, Anna McGucken, and Dr. Tom Porter

Bottom row: Rachel Sclarsky, Chelsea R. Kahn-Deere, Ashley Klein, Mallan Willis, and Sindhu Siva

Student News

Lindsey Vansandt Awarded Summer Research Fellowship

Lindsey Vansandt, DVM and graduate student in **Dr. Carol Keefer's** laboratory has been awarded a Graduate Student Summer Research Fellowship for summer 2012 by the Graduate School. This Fellowship carries a stipend of \$5,000 and is intended to enable doctoral students to devote a summer of focused work to their program's requirements and help them take a significant step forward in their studies.

Lindsey Vansandt Awarded Hopkins Scholarship

The H. Palmer Hopkins scholarship was awarded through the College to graduate student, **Lindsey Vansandt**, DVM of **Dr. Carol Keefer's** laboratory. The award is \$500 for a graduate student who intends to pursue a career in the educational field, preferably agricultural science education. It was announced by **Mr. Charles Coale** at the Ag Day Breakfast on April 28, 2012.

Four Graduate Students Receive CTE Awards

Four of the department's graduate students received Center for Teaching Excellence (CTE) awards. **Tiffany Carro**, **Kara Duffy**, **Ranga Padmanabhan**, and **Lindsey Vansandt** were selected as a 2011-2012 Distinguished Teaching Assistant at the annual reception on May 11, 2012. The event is sponsored by the Center for Teaching Excellence, the Office of Undergraduate Studies, and the Graduate School. **Tiffany** and **Kara** are in **Dr. Mary Ann Ottinger's** laboratory. **Ranga** is in **Dr. Lisa Taneyhall's** laboratory and **Lindsey** is in **Dr. Carol Keefer's** laboratory.

Tiffany Carro – First Place Winner at GRID

Tiffany Carro, graduate student in **Dr. Mary Ann Ottinger's** laboratory, placed first in the "Environmental and Energy Issues" oral session at Graduate Research Interaction Day (GRID) on April 11, 2012. GRID is a campus-wide event that showcases graduate students' research.



Ellen Coale, Margaret Ross, Lindsey Vansandt, Charlie Coale and President Loh



Lindsay Vansandt and Kara Duffy



Tiffany Carro

Student News

Apratim Mitra Receives USDA NIFA Travel Scholarship

Apratim Mitra's abstract was accepted to the International Plant and Animal Genome (PAG) Conference and he received the USDA NIFA Travel Scholarship of up to \$1000 for travel to the Poultry Workshop and PAG meeting in San Diego, California, January 13-17, 2012. Apratim delivered an oral presentation in the Epigenetics Workshop at the meeting.



Apratim Mitra

Travel Awards

Three of the department's graduate students have received Goldhaber Travel Awards from the Graduate School. **Qiong Hu** and **Umang Agarwal**, graduate students in the laboratory of **Dr. Brian Bequette**, have received the travel awards to attend national meetings this summer. Qiong received a \$400 Goldhaber Travel Award to offset the costs of presenting at and attending the ADSA-ASAS joint annual meeting in Phoenix, Arizona, July 15-19, 2012. She was also this year's recipient of a \$850 Travel Award sponsored by Professor Emeritus, **Joseph Soares**. Umang received a \$200 Goldhaber Travel award to attend the Metabolomics Society meeting in Washington, DC on June 25-28, 2012 and he received \$500 from the Metabolomics Society for being selected as an Official Student Photographer for the meeting. Umang presented an abstract titled "Metabolomic profiling of changes in metabolism of CD1 rats from late gestation to early lactation using GC-MS" at the meeting. **Emily Nestle**, graduate student in **Dr. Carol Keefer's** laboratory, received a Goldhaber Travel Award and the International Conference Student Support Award from the Graduate School to support her trip to the International Symposium on Canine and Feline Reproduction in Whistler, BC, Canada, July 26-29, 2012. Emily will be presenting an abstract called "Protein source does not affect quality of blastocysts produced in vitro in the domestic cat" and has been asked to submit a manuscript for publication in the proceedings as well.



Qiong Hu



Umang Agarwal

Sigma Xi's Grants-in-Aid of Research

Two of the department's graduate students were the recipients of 2012 Sigma Xi Grants-in-Aid of Research. **Ashley Franklin** received a \$500 grant for her project titled "Investigating AA Amyloidosis Prevalence in Cheetahs: Implications for Captive Population Management." **Ranga Padmanabhan** of **Dr. Lisa Taneyhill's** laboratory received \$1000 for his research proposal entitled "Role of Endocytosis in Post-Translational Down-regulation of Cadherin6B in Premigratory Neural Crest Cells."



Ashley Franklin



Ranga Padmanabhan



Emily Nestle

Extension News

Pasture Management Series

The 2012 Pasture Management Training Series features four 2-hour evening pasture events and one full-day seminar at the Equine Rotational Grazing Demonstration Site in Ellicott City, Maryland. This was made possible by **Dr. Amy Burk's** grant from Chesapeake Bay Trust to fund pasture management and environmental education programs. Since opening the gates in 2009, the rotational grazing site has educated and trained over 500 individuals.



Webinar Series

The University of Maryland Extension presented a week of webinars in celebration of responsible Horse Ownership Week, May 14-18, 2012. UMD Equine Extension faculty covered a variety of topics for the beginner or novice horse owner in lunchtime webinars through the Adobe Connect system. Presenters included **Dr. Amy Burk, Kristen Wilson, Sara Meagher, Shannon Dill, and Elaine Bailey**. By the end of the week, five topics had been presented to over 100 people. Participants not only were able to listen to our faculty presentations, but were also able to ask questions and interact with presenters and other designated experts through the Connect session chat feature. Webinars were also recorded for posting on the University of Maryland Equine Studies website so they may be viewed at any time. The webinars were very well received and requests for more similar sessions have been made by numerous attendees.

Extension News

Dairy Bowl

Seven counties with sixty five contestants were well represented at the Maryland 4-H State Dairy Bowl contest held at the Department of Animal and Avian Sciences, University of Maryland College Park on Saturday April 14, 2012. Event staff volunteers included faculty, staff and students from the University of Maryland Department of Animal and Avian Sciences, five USDA researchers and employees, an FDA researcher and many private industry professionals. This is a terrific networking opportunity for the contestants and a gateway to the University campus and programs. The contest began at 9:00 am with teams competing in a double elimination bracket ranked according to their scores from the written exam. The students work very hard and show tremendous potential for leadership in the dairy industry. Please congratulate the following teams and individuals for their outstanding performance. Event staff remarked throughout the day how impressed they were with the knowledge that the contestants demonstrated.

Junior

Top Individuals in the Written Exam

1. Ryan Allen - Frederick
2. Emily Hurd - Anne Arundel
3. Grace Hughes - Anne Arundel
4. Max Nelson - Anne Arundel
5. Robert Hahn - Frederick

Intermediate

Top Individuals in the Written Exam

1. Todd Allen - Frederick
2. James Savage - Montgomery
3. Wyatt Kahler - Carroll
4. Cassie Plummer - Kent
5. Maura McCabe - Anne Arundel

Senior

Top Individuals in the Written Exam

1. Katelyn Allen - Frederick
2. Shelby Hahn - Frederick
3. Garret Buckemeier - Frederick
4. Dunchadhn Lyons - Montgomery
5. Elizabeth Lyons - Cecil

Individuals

1. Ryan Allen - Frederick
2. Max Nelsen - Anne Arundel
3. Grace Hughes - Anne Arundel
4. Dylan Hill - Kent
5. Jordyn Griffin - Carroll
6. Emily Hurd - Anne Arundel
7. Claire Hughes - Anne Arundel
8. Shannon McCabe - Anne Arundel
9. Marissa Roberts - Carroll
10. Robert Hahn - Frederick

Individuals

1. Todd Allen - Frederick
2. Catherine Savage - Montgomery
3. Maura McCabe - Anne Arundel
4. Dustin Hahn - Frederick
5. Allie Wilson - Frederick
6. James Savage - Montgomery
7. Jillian Seay - Cecil
8. Cassie Plummer - Kent
9. Shelby Iager - Frederick
10. Tyler McMullen - Cecil

Individuals

1. Dunchadhn Lyons - Montgomery
2. Shelby Hahn - Frederick
3. Elizabeth Davis - Cecil
4. Garret Buckmeier - Frederick
5. Katelyn Allen - Frederick
6. Curtis Gannon - Montgomery
7. Josiah Manning - Calvert
8. Riley Hoffman - Frederick
9. Cassidy Schirmer - Kent
10. Kyle Plummer - Kent

Teams

1. Anne Arundel A
2. Frederick A
3. Carroll
4. Kent/Frederick B
5. Anne Arundel B

Teams

1. Frederick A
2. Montgomery
3. Anne Arundel
4. Frederick B
5. Carroll
6. Cecil
7. Kent

Teams

1. Frederick
2. Montgomery
3. Cecil
4. Kent
5. Calvert

The top ten Senior individuals are eligible to compete in the 4-H State Dairy Bowl Buzz-off will be held on Saturday September 8th at the State 4-H office in College Park for the opportunity to represent Maryland at the National 4-H Dairy Bowl Contest in Louisville, KY. For more information, please visit: dairy.umd.edu and click on the 4-H Dairy link.

Extension News



Dairy Bowl Juniors



Dairy Bowl Intermediates



Dairy Bowl Seniors

Alumni News

Dr. Ratan Choudhary who received his Ph.D. this Spring, placed second at the USDA BARC Poster Day held on April 19, 2012. This is the third consecutive year that he has been chosen for an award. In 2010 he received “Honorable mention” and in 2011, third place. Dr. Choudhary was a graduate student in the laboratory of **Dr. Anthony Capuco** is currently a postdoc at the Animal and Food Sciences Department of the University of Kentucky but working at the ARS facility at the USDA in Beltsville, Maryland.



Dr. Ratan Choudhary

Staff News

AGNR Student Council Awards

At the AGNR Student Council Awards Banquet on May 9, 2012 **Dr. Sarah Balcom** was awarded AGNR Outstanding Faculty Educator, and **Dr. Lindsey Vansandt** won Outstanding TA for their work teaching ANSC 446/447 Physiology of Mammalian Reproduction. Dr. Balcom is also the Director of Undergraduate Studies in the department, and Dr. Vansandt is a graduate student in the laboratory of **Dr. Carol Keefer**. Coordinator **Jennifer Reynolds** won Staff Member of the Year from the AGNR Student Council. She is pictured here with Student Council President and ANSC undergraduate, **Mac Campbell**.



Mac Campbell and Jennifer Reynolds



Dr. Sarah Balcom

Donate to the Department

Times are tough, and State support for our department continues to decline. If you have the means and the desire, please make a commitment to supporting the teaching mission of the Department of Animal and Avian Sciences by donating to any of the funds below. No matter what the amount, your gift will make a difference and help to preserve the quality of education provided by the Department of Animal and Avian Sciences at the University of Maryland.

There are **THREE** different funds to which you can make your contribution:

1. Animal Sciences Undergraduate Student Fund - Code: 20095 “Animal & Avian Sciences Fund”

<https://advancement.umd.edu/giving/addToGiving.php?Fund=9b04d152845ec0a378394003c96da594>

Contributions to this fund go toward scholarships and educational materials for our undergraduates. Scholarships provide critical support for talented students who have low to moderate financial means, putting a college degree within their reach.

2. Animal Sciences Graduate Student Fund - Code: 30611 “Animal & Avian Sciences Department Scholarship Fund”

<https://advancement.umd.edu/giving/addToGiving.php?Fund=5737c6ec2e0716f3d8a7a5c4e0de0d9a>

Presenting their research at national meetings is a crucial part of the development of graduate students toward their degrees and career goals. Contributions to this fund go to support travel to national meetings and educational materials for our graduate students.

3. Animal Sciences Campus Farm Fund - Code: 21723 “Animal Sciences Campus Farm Fund”

<https://advancement.umd.edu/giving/addToGiving.php?Fund=5737c6ec2e0716f3d8a7a5c4e0de0d9a>

Contributions to this fund go toward supporting the Campus Farm, the focal point of our undergraduate program activities. Located immediately across Regents Drive from the Animal Sciences Building, the Campus Farm occupies approximately 3.4 acres of land and houses livestock and poultry used extensively in teaching laboratories. Support through this fund will ensure that the campus farm can continue to serve as a valuable resource for our students for the foreseeable future.

HOW TO DONATE

Every contribution to the Department of Animal and Avian Sciences is appreciated and makes a difference. We thank you for your support! Donations can be made in the form of a check or online by credit card ([see website for details](#)).

Donating by Check

When writing a check, please make it payable to “UMCP Foundation” and please be sure to specify the CODE number for the fund you wish to donate to. Checks can be mailed directly to the department at:

Department of Animal and Avian Sciences
1413 Animal Sciences Center
University of Maryland
College Park, MD 20742-2311

Attention Alumni!

Want to stay up to date with ANSC happenings?

Click Here to join our mailing list!

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*Photo by Edwin Remsberg