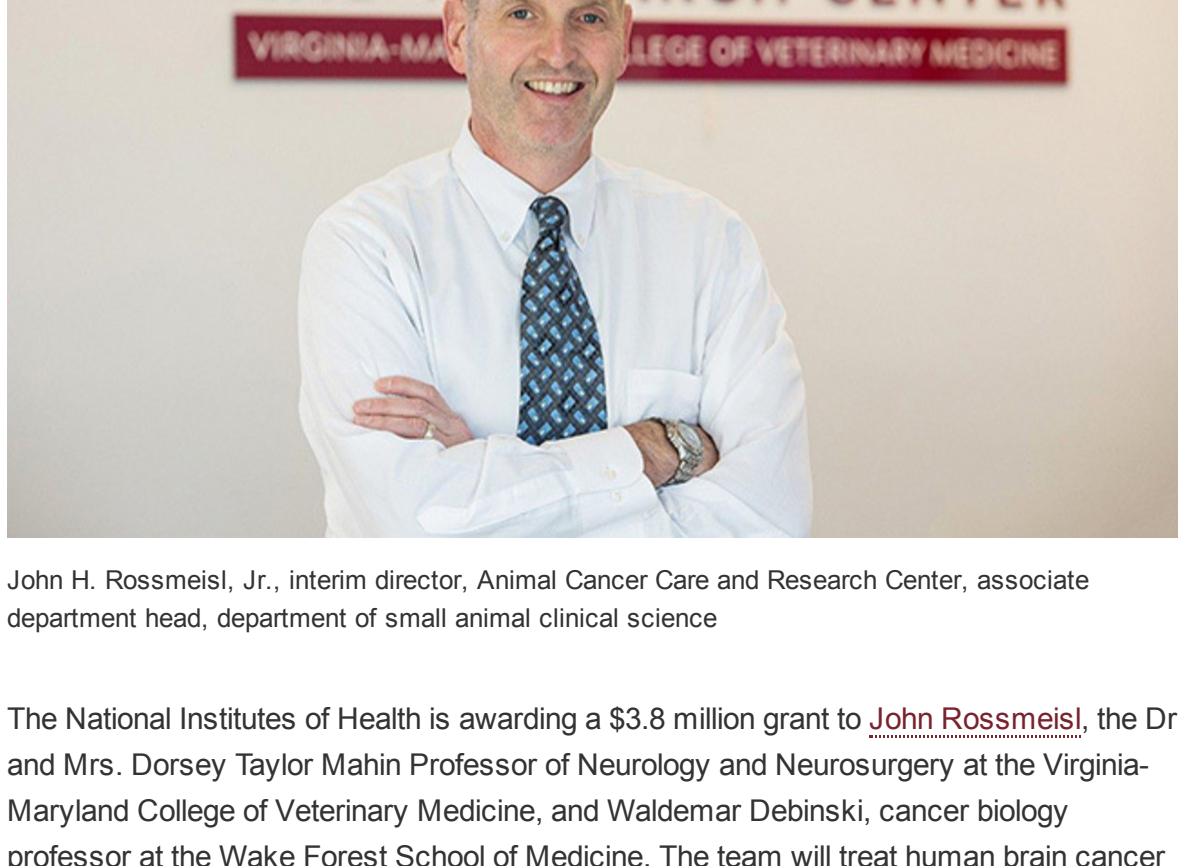


Vet Med News

MARCH 2022

Interdisciplinary team wins \$3.8 million grant to develop drug for brain cancer



John H. Rossmeisl, Jr., interim director, Animal Cancer Care and Research Center, associate department head, department of small animal clinical science

The National Institutes of Health is awarding a \$3.8 million grant to [John Rossmeisl](#), the Dr. and Mrs. Dorsey Taylor Mahin Professor of Neurology and Neurosurgery at the Virginia-Maryland College of Veterinary Medicine, and Waldemar Debinski, cancer biology professor at the Wake Forest School of Medicine. The team will treat human brain cancer with a drug previously used to treat canines.

Over five years, the grant will allow Rossmeisl and Debinski to hone a new method to treat glioblastoma, an aggressive and deadly form of brain cancer.

Around the College



Researcher receives three grants from the National Institutes of Health to combat mosquito-borne viruses

[Nisha Duggal](#), an assistant professor of [biomedical sciences and pathobiology](#), has recently received three R21 grants from the National Institutes of Health (NIH) totaling \$825,000 to combat the transmission of mosquito-borne diseases, develop therapeutics, and predict future disease in humans.



Veterinary Teaching Hospital gets a new underwater treadmill

After 20 years of daily use, the underwater treadmill at the Veterinary Teaching Hospital's rehabilitation service needed to be replaced. The Office of Advancement matched a donor who wanted to make a difference in animals' lives with this project, which will have a real impact at the teaching hospital.



A global challenge: Addressing water and health issues from rural Appalachia to China

[Alasdair Cohen](#), assistant professor of environmental epidemiology in the department of population health sciences. .

Because of a history of underinvestment combined with technical challenges posed by the Appalachian topography, many people in Appalachia have adapted to a life with a number of inequities, one being a lack of safe and reliable drinking water.



Researcher highlights canine translational cancer research at National Academies workshop

[Audrey Ruple](#), associate professor of quantitative epidemiology delivered a talk at the National Academies of Sciences, Engineering, and Medicine as part of their workshop titled "The Role of Companion Animals as Sentinels for Predicting Environmental Exposure Effects on Aging and Cancer Susceptibility in Humans."



Medical student searches for dynamic cellular organelles in molecular memory lab

Working in the lab of [Shannon Farris](#), assistant professor at the Fralin Biomedical Research Institute at VTC, Dinesh Lal undertook the challenge of looking for a specific structure, the Golgi apparatus, inside cells of the brain's hippocampus. It currently is unknown whether the Golgi apparatus is present in hippocampal neuron's dendrites.



Open House

The college's Open House was Saturday, March 19, from 10 a.m. to 3 p.m. This family-friendly event featured tours, exhibits, demonstrations, lectures, a silent auction, local food trucks, etc.

We are so grateful for our volunteers, faculty, staff, and students who made this event such a great success.

View the photo gallery [here](#).



Sesquicentennial HokieTalk: Expanding Knowledge

[Shawna Klahn](#), associate professor of medical oncology at the Animal Cancer Care and Research Center, was featured in the [Sesquicentennial HokieTalk Series event](#)- Celebrating "100 years of women" at Virginia Tech. Many congratulations on a very well-received talk.



March Goes On at VMCVM

VMCVM hosted an important [Diversity, Equity and Inclusion \(DEI\) Event](#) Friday, March 25. Student moderators and with alumni panelists discussed personal and professional experiences as minorities in veterinary medicine. A Diversity Mentorship Event followed, where practitioners and students interacted in this diversity-focused extension of the Mentor Program.

Continuing Education

2022 Virginia Agriculture and Natural Resources (ANR) Summit - April 12-13, 2022, in Richmond, Virginia

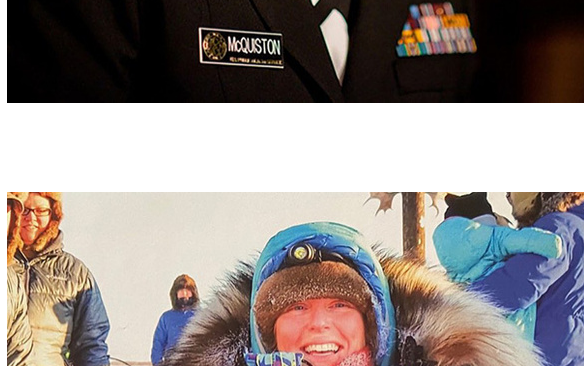
Participants will discuss and envision opportunities for enhancing partnerships between Virginia Tech and the private agricultural, forestry and natural resources industries, producers and commodity groups.

The Summit is hosted by Virginia Tech College of Agriculture and Life Sciences, Virginia Tech Center for Advanced Innovation in Agriculture, Virginia Cooperative Extension, Virginia Agricultural Experiment Station, Virginia Tech College of Natural Resources and Environment and Virginia-Maryland College of Veterinary Medicine.

[Register to attend](#)

Vet Med Alumni

[VA-MD Vet Med Alumni online](#)→



Veterinarian alumna helps solve deadly mysteries for the CDC

Capt. Jennifer McQuiston (B.S. '93, DVM '97, M.S.' 98) is the Deputy Director of the Division of High Consequence Pathogens and Pathology within the CDC's National Center for Emerging and Zoonotic Infectious Diseases. She and her team identified the source in an outbreak of melioidosis and stopped the spread of the disease that left two people dead.



Dog sledding a passion project for Virginia Tech alumna

Margaret Bellows (DVM '13) was featured in this story highlighting the passion and commitment behind competitive dog sledding and the nation's premiere dog sledding event: the Iditarod.



ACVIK Career Center - Career Spotlight: Bill Tyrrell

Bill Tyrrell (DVM '92) was featured in this latest series of interviews with veterinary specialists from the American College of Veterinary Internal Medicine (ACVIM).

Vet Med in the News

WSLS

Virginia Tech training more vets amid nationwide shortage

[Jacquelyn Pelzer](#), director of admissions and student services, Virginia-Maryland College of Veterinary Medicine.

GIVE to VA-MD VET MED

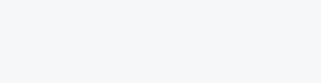
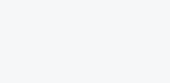
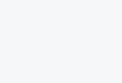
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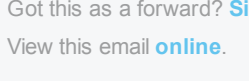
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