



Boehringer Ingelheim Veterinary Scholars Program

For international students

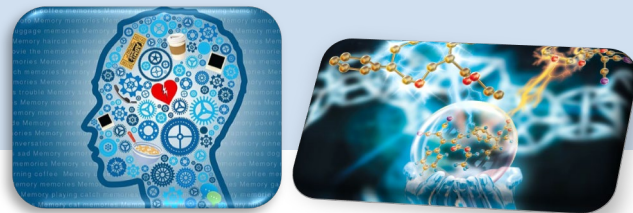
17 October 2022

Brigitte Boenisch / Monica D Figueiredo



BOEHRINGER INGELHEIM VETERINARY SCHOLARS PROGRAM (BIVSP): A UNIQUE PARTNERSHIP

Mission: To expose veterinary students in their first or second year of veterinary school to biomedical research and career opportunities in academia, government and industry.



Memory creation moment

Created in 1989 in the US - started with very few veterinary schools and was expanded to around 40 North American vet schools over the decades

33 Years and Better than ever

This year we sponsored
36 schools in North
America plus
International Schools



University of Prince Edward Island - Atlantic Veterinary College
Auburn University
Colorado State University
Cornell University
Iowa State University
Kansas State University
Lincoln Memorial University
Louisiana State University
Massachusetts Institute of Technology
Michigan State University
Midwestern University
Mississippi State University
North Carolina State University
Ohio State University
Oklahoma State University
Oregon State University
Purdue University
Ross University
St. George's University
Texas A&M University
Texas Tech University
Tufts University
Tuskegee University
University of California - Davis
University of Florida
University of Georgia
University of Guelph
University of Minnesota
University of Missouri
University of Pennsylvania
University of Saskatchewan
University of Tennessee
University of Wisconsin-Madison
Virginia-Maryland Regional College of Veterinary Medicine
Washington State University
Western University of Health Science
INTERNATIONAL SCHOOLS
Universiteit Utrecht
French vet schools
German vet schools



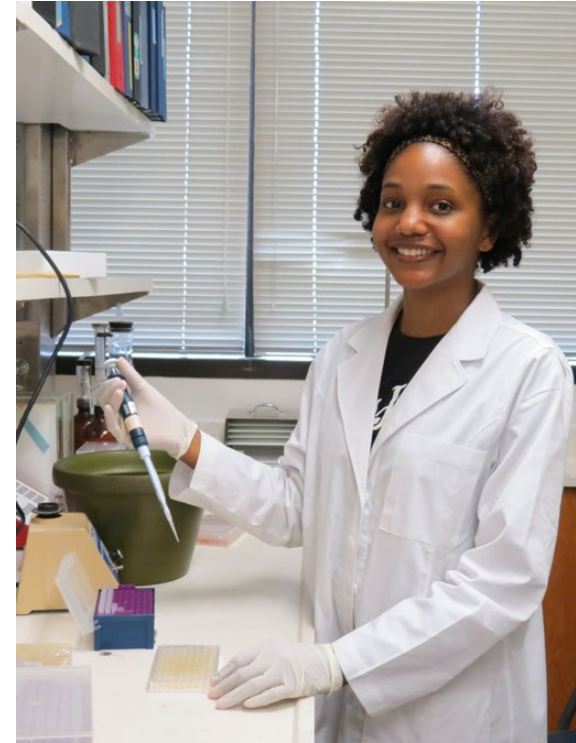
BACKGROUND AND RATIONALE

- ❑ The BIVSP provides **meaningful exposure to research** for **veterinary students**.
- ❑ It has been instrumental in raising awareness of **careers in biomedical research**.
- ❑ The program provides a **mentoring opportunity** in 10-12 weeks of research on the bench organized at/by a North American vet school – **which can be defining in the career of a future scientist**.



BI VETERINARY SCHOLARS PROGRAM: KEY POINTS

- ❑ Veterinary students preferably in their **first or second year of veterinary school** are encouraged to apply.
- ❑ At each participating institution, BI scholars are **assigned to a mentor and laboratory**.
- ❑ From May to July/August each scholar conducts a **hypothesis-driven research project** developed jointly by the scholar and mentor.
- ❑ At the end of the program, **scholars present their findings** to their fellow scholars and attending faculty.
- ❑ Scheduled activities provide opportunities for the students to **learn about the broader aspects of research**.



NATIONAL VETERINARY SCHOLARS SYMPOSIUM

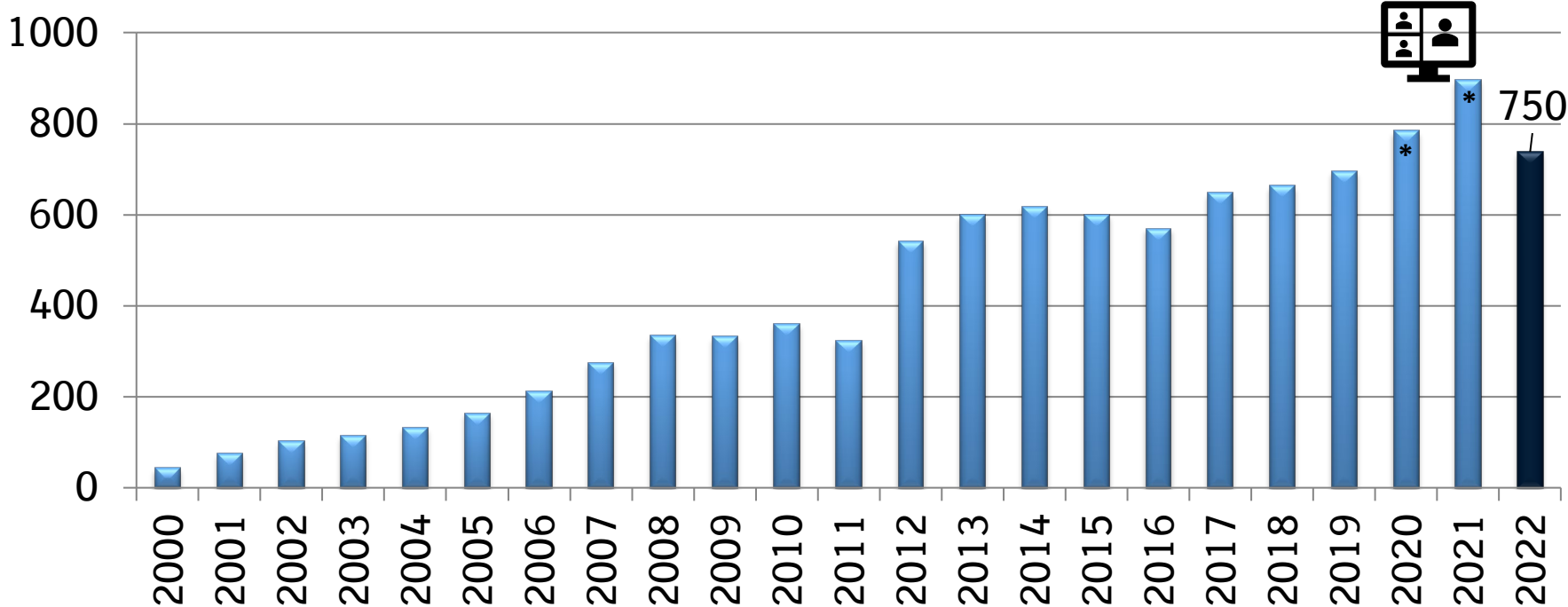


- ❑ 3-day symposium where veterinary students present the **results of their summer research**.
- ❑ The NVSS is the **premier annual scientific colloquium** showcasing research accomplishments by veterinary students completing summer research internships.
- ❑ The Symposium highlights the ways veterinary scientists advance basic and applied research to support global health.
- ❑ **Poster presentations** from veterinary students are featured throughout the meeting, together with **keynote speakers** and **sessions on scientific and career-related topics**.

MAJOR SPONSORS

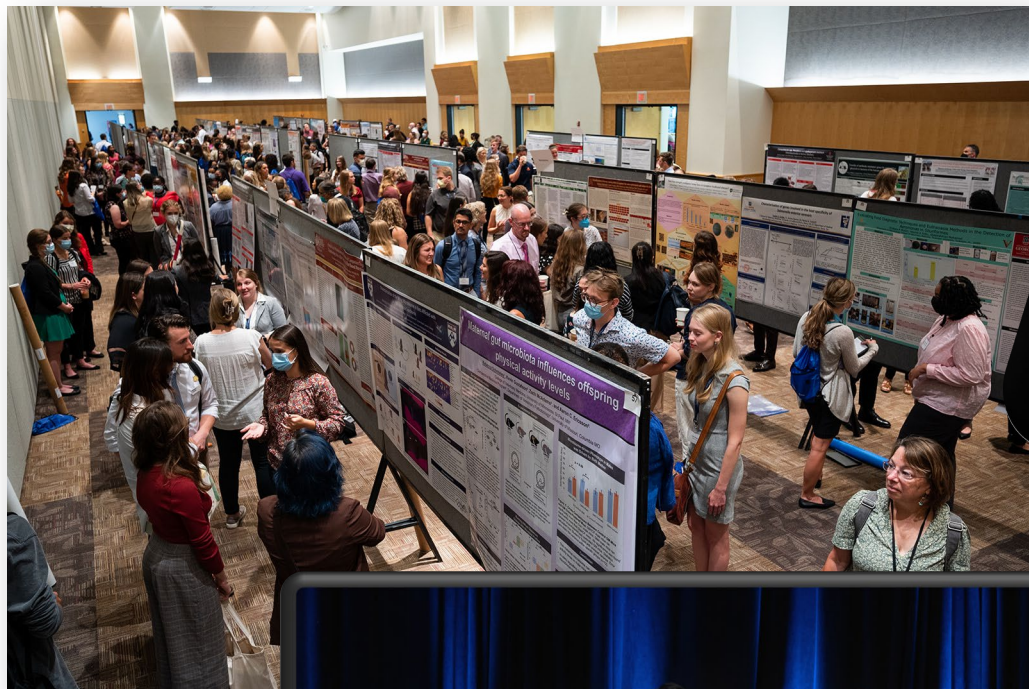


NATIONAL VETERINARY SCHOLAR SYMPOSIUM ATTENDANCE

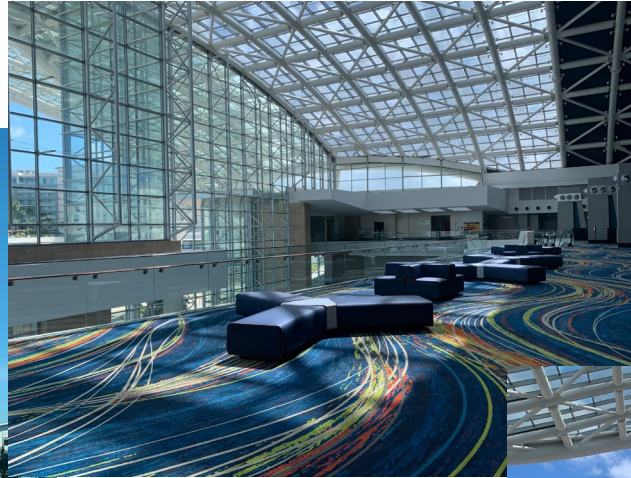


2022 Symposium hosted by the University of Minnesota – Venue – Saint Paul River Centre

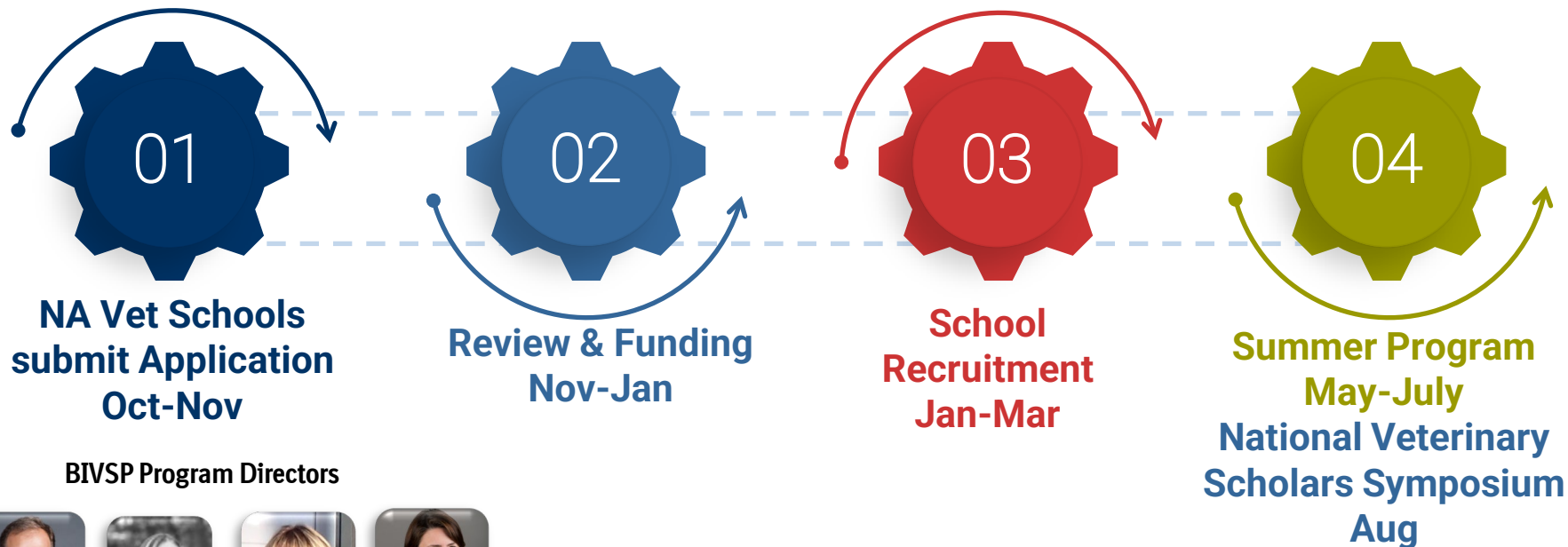




2023 VETERINARY SCHOLARS SYMPOSIUM WILL BE HOSTED IN SAN JUAN PUERTO RICO, 3rd – 6th AUGUST



PROGRAM ADMINISTRATION YEARLY CYCLE



BIVSP Program Directors



Executive
Director



Communication
Director



Program Admin
Extraordinaire

THE INTERNATIONAL PART OF THE BIVSP

Established in France (4 vet schools) and the Netherlands (Utrecht) since 2010; Germany since 2018

- ❑ Three French and three Dutch students each are selected by the vet schools in their home country for **participation in the BIVSP at a North American vet school** based on the evaluation of their application and an interview.
- ❑ In 2018 **vet schools in Germany joined the program for the first time**, sending students to US schools.
- ❑ **2020/2021 no international exchange** linked to COVID-19 pandemic
- ❑ **2023 Pilot** to expand program to **Asia** (Japan and Philippines)



**International
Program Director**

Dr. Brigitte Boenisch

2022 INTERNATIONAL PROGRAM

Students

Poster #	Student name	Home vet school	Host vet school
21	Lydia Bartels	Munich, Germany	Guelph
26	Lalita Bechtold	Berlin, Germany	UC Davis
29	Mahaut Ben Abel Caplain	Lyon, France	University of Louisiana
100	Emilie Dewever	Lyon, France	University of Wisconsin
240	Darleen Köhn	Hannover, Germany	Cornell
244	Fianne Kuipers	Utrecht, Netherlands	UC Davis
318	Lisa Meyer	Nantes, France	University of Minnesota
374	Tilman Peters	Leipzig, Germany	Colorado State
505	Tisa Tüshaus	Hannover, Germany	UC Davis
512	Nick van Bentem	Utrecht, Netherlands	UGA
525	Lennart Karsten Weitkamp	Giessen, Germany	UGA
554	Fay Zeeman	Utrecht, Netherlands	Cornell

Schools' Program Directors

Dr. Suzanne Mueller-Berger



Dr. Philippe Berny



Dr. Cornelia Westermann



INTERNATIONAL PROGRAM

EUROPEAN STUDENTS IN NORTH AMERICA



Germany

U Guelph
University of Georgia
UC Davis
Cornell University
UC Davis
Colorado State U



The Netherlands

Cornell University
UC Davis
University of Georgia



France

University of Minnesota
University of Louisiana, Baton Rouge
University of Wisconsin (Madison)



2022 BIVSP International Students

Both students post graduation are returning to the USA in 2023 for a PhD program



The Boehringer Ingelheim Veterinary Scholars Program | Boehringer Ingelheim (boehringer-ingelheim.com)



FRAMEWORK FOR THE INTERNATIONAL PART OF THE BIVSP



Current level of funding per BI-funded student is **\$6,500 total** for the summer program at school.

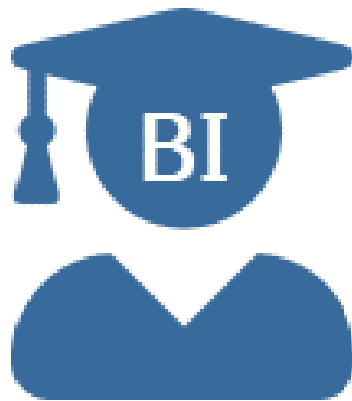


International students receive an additional **\$1200** travel stipend, so **\$7,700 total**

- ☐ It is **the students' responsibility** to purchase their international air travel from the stipend given and arrange for housing at the US School (N.B.: often supported by the host schools). It is also the students' responsibility to cover their airfare and hotel to attend the Veterinary Scholars Symposium.
- ☐ The vet schools in the participating international countries have a **BI representative** as their contact.
- ☐ In each country there is one **School Program Director** in charge of coordinating the participating local vet schools, organising the student selection and providing the link between BI and the student.
- ☐ It is recommended for the BI representative and the School Program Director attend the **2023 NVS Symposium in Puerto Rico**.

PRE-REQUISITES TO BE MET BY INTERESTED STUDENTS

- ☐ Ideally 1st or 2nd year veterinary students (details dependent on country-specific curriculum)
- ☐ Motivation letter for a training in veterinary research (in English)
- ☐ Curriculum vitae
- ☐ A good level of academic performance (“good students”)
- ☐ A good level of English
- ☐ No prior BIVSP experience in the US, Canada or Europe



Student selection* is the responsibility of the vet school - BI does not get involved

**It is advised to short-list several students in case the one selected for the stipend for some reason has to renounce the research training.*

INTERNATIONAL PROGRAM GUIDELINES

- ❑ Prepared for the international students and the School Program Directors to explain and facilitate the exchange process
- ❑ Updated November/December each year to take into account the experience of the previous year



International Students participating in research training at a North American Veterinary Schools

1. Nominations

- BIVSP School Program Director: each home school should appoint a local faculty member that will serve as the main contact with BI's International Program Director (Brigitte contact info) and participating student(s).
- At the American host university: the mentor for the research project you have chosen, once identified, **must inform the school's BIVSP Program Director** and also bring the student into contact with the school's International Relations Department.

1.1 Personal and health Insurance

Students are expected to have personal insurance for activities outside the research training, e.g. civil liability, and to ensure international health coverage (including repatriation). Student must have an international credit card that will allow him/her to pay their expenses, make withdrawals, etc. in the United States (NB: check what is covered by your credit card insurance (ex: repatriation)).

1.2 VISA

International students participating to the BIVSP research training at an US vet school will need to obtain the appropriate visa for their stay in the US. **We strongly advise students to get in touch with the Office for International Affairs at the US host school as soon as possible** after they will have identified their research project and mentor.

2.2 Stipend

Each vet student, who has been selected by his/her school/faculty to participate in the BIVSP, receives a stipend between **\$US 5000-6000**. The totality of the stipend will be provided to the student by the BIVSP Program Director of the home school or directly transferred to the student's bank account before he/she leaves for the US. The funds for that are expected to arrive at each school in April.

The students are expected to pay for travel, housing, meals, transportation, visa fees, trip to the embassy and other day to day expenses. The host school may assist the students in finding appropriate accommodation for the period of their stay in the US. The expenses for that and the daily life have to be covered by the student from the **\$US 5000-6000** stipend she/he has received through his/her home school prior to leaving for the US.

ALUMNI

Our Alumni Set a High Bar

BIVSP alumni have become professors and faculty members in veterinary medicine and heads of research training programs, among other achievements. Meet a few:



Susan Williams, Professor, University of Georgia CVM with an emphasis on veterinary pathology



Kelly Metcalf Pate, Director, Division of Comparative Medicine & Assoc. Professor of Biological Engineering, MIT



Stephan Schaeffbauer, AVIC of Minnesota field operations for USDA Veterinary Services



Carla Stoffel, veterinarian with the UN's FAO, works with governments to develop their veterinary workforce

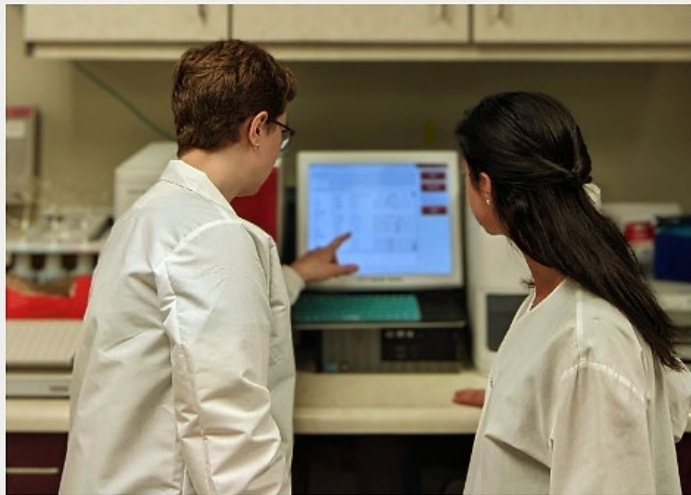


Approximately one-third of BI Vet Scholars continue in research or academic careers; however, those who go into practice also appreciate the value of this program in creating a greater understanding of the importance of research.

2022 NVSS INITIAL PRESS AND SOCIAL MEDIA

Veterinary Students Conclude Summer Research Experience With Capstone Presentations at 2022 National Veterinary Scholars Symposium

by Corporate Communications / August 4, 2022



DULUTH, Ga. (August 8, 2022) – This weekend, nearly 600 veterinary students representing three dozen veterinary schools from across the US, Canada, France, Germany and the Netherlands marked the conclusion of a special summer research experience with a presentation of their findings at the National Veterinary Scholars Symposium.

Mentored this summer by leading researchers from across academia, the US Department of Agriculture (USDA) and National Institutes of Health, the students – all participants in the Veterinary Scholars Program – conducted original research, relevant to

[VETERINARY STUDENTS CONCLUDE SUMMER RESEARCH EXPERIENCE WITH CAPSTONE PRESENTATIONS AT 2022 NATIONAL VETERINARY SCHOLARS SYMPOSIUM - BOEHRINGER INGELHEIM \(prnewswire.com\)](https://prnewswire.com)

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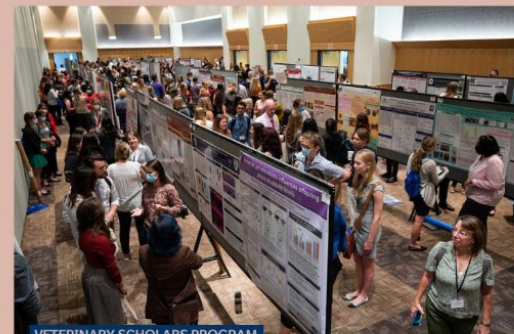
Boehringer Ingelheim

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This summer, nearly 600 #veterinary students had the opportunity of a lifetime, gaining hands-on experience alongside leading researchers as part of the Veterinary Scholars Program, which we sponsor. For the first time, this ...see more



VETERINARY SCHOLARS PROGRAM

How we're supporting the next generation of scientists



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Monica Dias Figueiredo, Andrew Karl Eschner and 3 other connections like this



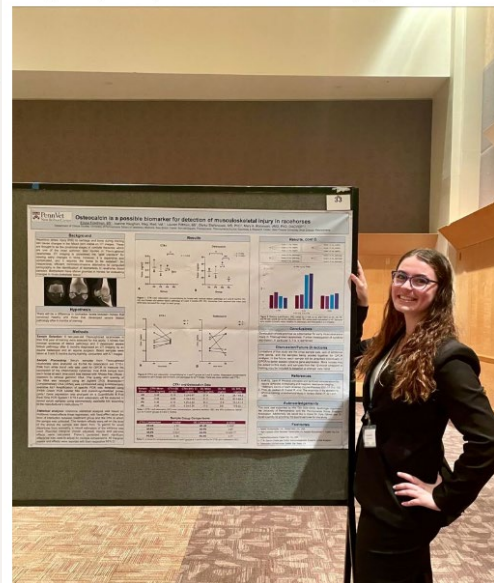
Elisse Friedman • 2nd

V.M.D. Candidate at University of Pennsylvania School of Veterinary...

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I never post on here, but this is one of the first major accomplishments of my veterinary career! As an NIH/Boehringer Ingelheim Summer Research Fellow, I had the opportunity to study biomarkers of musculoskeletal injury in Thorc ...see more



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2022 NVSS INITIAL PRESS AND SOCIAL MEDIA

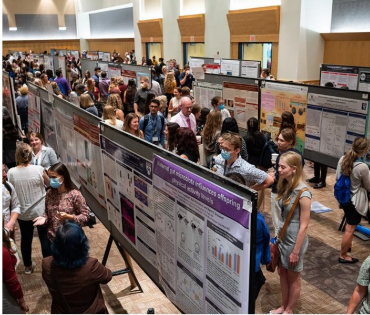


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The Boehringer Ingelheim Veterinary Scholars Program: Supporting future veterinarians

The Boehringer Ingelheim Veterinary Scholars Program (BIVSP) is one of the most prestigious programs to expose students to biomedical research and support future veterinarians. Over the course of more than 30 years, more than 5,000 students from the US, Canada, and Europe participated in the program. We talked to two of the organizers, Dr. Monica Figueiredo (Executive Director of BIVSP) and Dr. Brigitte Boenisch (International Program Director of BIVSP), as well as alumna Dr. Nadège Perier who now also works at Boehringer Ingelheim about their experience with the program and their future plans.



"This is a win-win": USDA, Veterinary Scholars Program collaboration forging brighter futures for students and animal health

by Corporate Communications / September 1, 2022



<https://bi-animalhealth.com/articles/usda-veterinary-scholars-program-research-collaboration>

[The Boehringer Ingelheim Veterinary Scholars Program | Boehringer Ingelheim \(boehringer-ingelheim.com\)](https://boehringer-ingelheim.com)



Announcement

 Valoyes, Carolina (HP BioP GQ) BICC-DE-1
Fri at 5:04 AM • @1

Hello MSO community,
Just wanted to share with you this very nice article on the Boehringer Ingelheim's Veterinary Scholars Program (BIVSP). This very transforming and impacting program connects BI to future veterinarians and it is a great example of how Industry and Academia can work together to transform the lives of patients all around the world. For more information, reach out to [Figueiredo, Dr. Monica \(AH GQ PerfEx\) BIAH-US-A](#), who is the Executive Director of the BIVSP.
[The Boehringer Ingelheim Veterinary Scholars Program | Boehringer Ingelheim \(boehringer-ingelheim.com\)](#)



The Boehringer Ingelheim Veterinary Scholars Program | Boehringer Ingelheim

The aim of the Boehringer Ingelheim Veterinary Scholars Program is to expose students to biomedical research

www.boehringer-ingelheim.com

Love Comment Share You and 9 others





Monica Dias Figueiredo • You

Animal Health Global Quality, Boehringer Ingelheim

2w • 6

After so many months of planning, and the hard work of many mentors, students and volunteers, it was so rewarding and inspiring to spend time with the students participating in this year's Veterinary Scholars Program at our National Veterinary Scholars Symposium. Thank you and congratulations to all of our sponsors, the participating veterinary schools, the many mentors and volunteers and the very talented and dedicated veterinary students who made this summer a great success! <https://lnkd.in/gxKybdKy#vetscholars>



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33 YEARS AND BETTER THAN EVER THANKS TO OUR GREAT PARTNERSHIP

