



Faculty Mentoring and Laboratory Research Experience: The main objectives of the program are to provide veterinary students with a rigorous and rewarding exposure to biomedical research at the highest level of inquiry and to motivate students to pursue the study of research problems that are relevant to veterinary medicine. Faculty mentoring will include:

- 1) providing a ten-week summer experience that allows trainee to develop research skills, an appreciation for the value of biomedical research in veterinary medicine and an awareness that biomedical research can be a part of their career
- 2) providing the trainees with relevant papers to digest and use to develop a solid understanding of the background and context for their research project
- 3) holding one-on-one meetings with faculty mentor, graduate student and/or postdoc for at least one hour per week to help trainee understand the papers and the underlying science; and
- 4) involving the Summer trainee in all associated lab activities (i.e., work in progress presentations, weekly lab meetings, special seminars, department seminars, etc.).

Weekly Seminars on Research Techniques, and Skill Building for the Life Sciences: Participants will meet weekly to discuss specific techniques used in research. Expert faculty and staff members will lead the discussions. These will include sessions to discuss: epidemiology, infectious disease, biosafety, laboratory animal care, mouse genetics, genomics, research ethics, developing a scientific abstract, oral presentations skills, and grant writing.

Veterinary Investigator Program- Lab Visits

VIP Lab Visits provide VIP participants with an opportunity to visit each other's work areas in an effort to showcase some of the research projects first-hand. Each student will host a visit for the other VIP participants. Each student must participate in two visits.

Career Path Discussions: Several sessions will be devoted to discussions of different career paths for veterinarians interested in research. The discussions will be led by a panel of veterinarians and research scientists representing a wide variety of potential career paths. The various experiences of these individuals will generate a lively and useful discussion of research-related career options. Please see summer calendar for details.

Social Interactions: Trainees will be offered opportunities for informal social interactions. Opportunities may include trivia and board game nights, brown bag lunch discussions, and happy hours. Other creative mechanisms for social interactions will be encouraged in an effort to create a network amongst participants.

National Veterinary Scholars Symposium (NVSS): All students will be required to present their scientific poster at the NVSS to be held at San Juan Puerto Rico August 2-6, 2023. The focus of the presentations will be on the future plans for their projects, allowing students an opportunity to focus on the broader scope of the work conducted in their respective virtual laboratories. Details of NVSS are available here -

<https://nvss.aavmc.org/>

Date	Time	Event	Location
<i>All seminars are 1 hour in length unless otherwise noted</i>			
May 30	9:00 AM	Welcome & Program Orientation Robert Weiss	Classroom 6
June 2	9:00 AM – 2:00 PM	Teambuilding session Hoffman Challenge Course	466 Mount Pleasant Road Freeville, Ny 13068
June 5	10:30 AM	Biosafety Training Paul Jeannette	Bilinski Lab (C2-029)
June 6	1:00 – 3:00 PM	Basic Rodent Handling and Technique Center for Animal Rescue and Education (CARE)	CARE Office (T1-010) & ECRF (E2-125)
June 9	1:30- 4:00 PM	Career Exploration (<i>optional</i>)	Baker Institute
June 12	12 noon	Epidemiology Dr. Renata Ivanek	Lecture Hall 3 (T1-003)
June 14	12 noon	Laboratory Animal Care Bryant Blank	Lecture Hall 3 (T1-003)
June 16	12 noon	Mouse Genetics Dr. John Schimenti	Lecture Hall 3 (T1-003)
June 20	12 noon	Grant Writing Dave Lin	Lecture Hall 3 (T1-003)
June 22	12 noon	Developing a Scientific Abstract Dr. Erica Behling-Kelly	Lecture Hall 3 (T1-003)
June 23	12 noon	Ice Cream Social	Outside of Dairy Bar (Stocking Hall)
June 26	12 noon	Genomics Dr. Charles Danko	Lecture Hall 3 (T1-003)
June 28	12 noon	Ethics Discussion Dr. Carolyn Sevier	Lecture Hall 3 (T1-003)
July 6	12 noon	How to Prepare a Poster Melia Matthews	Lecture Hall 3 (T1-003)
July 10	8:00 AM – 3:00 PM	Infectious Disease Various Instructors	Baker Institute, Thaw Hall
July 10	6:00 – 8:00 PM	Infectious Disease Dinner w/ Facilitators	Baker Institute, Thaw Hall
July 11	12 noon	Oral Presentation Skills Dr. Robert Weiss /Dr. Carrie Adler	Lecture Hall 3 (T1-003)
July 12	12 noon	AI in Veterinary Medicine Dr. Parminder Basran	Lecture Hall 3 (T1-003)
July 24	12 noon	Veterinary Researcher Careers Panel Various Speakers	Lecture Hall 4 (S1-210)
July 26	5:00 PM	VIP End of Program Celebration	Cass Park, Pavilion
July 31	9:00 AM – 12:00 PM	Oral Presentations	Lecture Hall 4 (S1-210)
August 2 to 6		National Veterinary Scholar Symposium	San Juan, Puerto Rico