



The Center for Veterinary Sciences and Comparative Medicine in San Diego offers research training programs for veterinary graduates as post-doctoral fellows or as candidates in a PhD program. In addition, we have a Laboratory Animal Residency Program. The objective of these programs is to prepare veterinary graduates for careers in biomedical research through collaborative interactions with multiple adjacent institutions including the La Jolla Institute, the Salk and Scripps Research Institute.

Eligibility:

- DVM/VMD degree from an AVMA-accredited school (or completed all ECFVG or PAVE requirements)
- Commitment to pursue a basic research training or residency in laboratory animal medicine
- U.S. citizen or permanent resident

Applicants interested in these programs can submit a cover letter stating their career goals, plus their curriculum vitae, veterinary and any graduate school transcripts, GRE scores and the names, addresses, e-mail addresses and telephone numbers of at least 3 professional references to Dr. Peter Ernst, pernst@ucsd.edu. Please state your interest in the residency versus the research training program so your application is routed appropriately. Early application is encouraged as we have a rolling review and admissions policy. For more information, contact Drs. P. Ernst or C. Sigurdson at veterinarysciences@ucsd.edu.

Representative Research Training Mentors and Projects

- | | |
|---------------------------------|--|
| • Lars Bode, PhD | The role for oligosaccharides in human and bovine milk |
| • David Brenner, MD | Fibrosis and fatty liver disease |
| • David Broide, MD | Allergy and asthma, food allergy |
| • John Chang MD | T cell biology in inflammatory bowel disease |
| • Lynette Corbeil, DVM, PhD | Mucosal immunity to infections of the respiratory or urogenital tracts |
| • Sheila E. Crowe, MD | Oxidative stress in gastrointestinal infections |
| • Pieter Dorrestein, PhD | Mass spectrometry based methods to study disease in animals |
| • Lars Eckmann, MD, PhD | Cytokine responses in mucosal immunity |
| • Peter Ernst, DVM, PhD | Immunopathology of gastrointestinal disease |
| • Pascal Gagneux, PhD | Glycobiology in evolution from nonhuman primates to humans |
| • Terry Gaasterland, PhD | Bioinformatics |
| • Robin Knight, PhD | Microbiome in health and disease |
| • Robert Naviaux, MD, PhD | Metabolic and mitochondrial disease and metagenomics |
| • Victor Nizet, MD | Host responses to infectious diseases |
| • Mana Parest, MD, PhD | Stem cell biology in the reproductive tract |
| • Sharon Reed, MD | Mucosal immunity to <i>Entamoeba histolytica</i> |
| • Jesus Rivera-Nieves, MD | Pathogenesis of inflammatory bowel diseases |
| • Christina Sigurdson, DVM, PhD | Food-borne illnesses and neurodegenerative diseases/prions |
| • David Smith, PhD | Retroviruses, HIV |
| • Nissi Varki, MD | Comparative pathology and phenotyping |
| • Joseph Vinetz, MD | Tropical medicine and One Health |