

Detailed Program Description for ACVD Website

1. Program name and location:
Dermatology Residency
Residency: Dermatology and Allergy Services for Animals in Springfield, Virginia (Part of the Regional Veterinary Referral Center), and Leesburg, Virginia (Part of the Life Center).

2. Is the program currently on ACVD Probation? **No**
If yes, please describe the reasons for probation, what is being done to correct them and when the program is scheduled to be off probation?

3. Mentor(s):
 - a. Name: **Dr. Bruce Hansen**
 1. Years in ACVD: **26 years.**
 2. Years as Mentor: **one**
 - 3.

4. Specific requirements for applying to the program:
DVM degree
Year long Internship or equivalent (either academic or private practice)

5. Length of residency in years: **3 years**

6. Is a Master's degree or PhD required? **No**

7. When the residency was first offered? **July 2017**
Has it been continuous since then? **Only offered once at this time**
If not continual what years was the residency offered? Only offered once

8. How many residents have been accepted into the program since inception? **One**
How many of these have become board certified dermatologists? **Not finished with residency**

9. What is the average annual dermatology caseload for the institution over the past 5 years? ____ **3200** ____ cases per year

10. What is the average total caseload seen the entire residency? ____ **2000 per resident over 3 years** ____ cases (average cases annually times the number of years of residency). The caseload will be cut back on days the Resident sees cases to allow for adequate instruction.

11. On average, how many new patients, rechecks and consults does the program see per year? (give these in actual numbers of cases)
- New cases **1200**
 - Rechecks **2000**
 - Consults **60**
12. On average, what percentage of the program's cases are dogs and cats?
dogs **76** cats **24**
13. On average, how many exotic, equine and farm animal cases does the program see per year? Exotics **0-4** Equine **15-25** Farm animals **4-8**
14. What percentage of time is the mentor in clinics with the resident while the resident is seeing cases during the resident's first year: **100**, second: **100** and third: **100**?
(This means that the mentor is either physically seeing patients with the resident or can be contacted by phone and available to see the case in person within one hour of being called.)
15. Does the program have access to other specialists?
If so, please list: **Surgery, Medicine, Ophthalmology, Dentistry, Oncology, Cardiology, Neurology, Radiation Oncology, Emergency**
16. Please describe your library access: **Access to hard copies of books and journals/periodicals at Medical School Library at George Washington University in Washington, D.C. and the libraries at George Mason University in Fairfax, Virginia. Plus the ACVD library.**
17. Does the program have statistical support for their residents' research projects? **Yes**
18. Does the program have direct access to any basic science or clinical science laboratories that the resident can use for research proposes? **Yes**

If yes, please describe the types of laboratories available and interactions that the resident may have with them.

University of Pennsylvania Department of Pathology and Microbiology, and Antech Laboratories: Bacteriology, virology, clinical pathology, histopathology, mycology. Resident is able to submit samples to all of the above laboratories and discuss results with individuals in any of these areas.

19. How often do the residents and mentors have the following rounds?

(For each type of rounds, please list how often they are held, how long each session is, and a detailed description of how they are conducted.)

- a. Case rounds: **1 hour everyday of clinics.**
- b. Journal club: **Once per week (2 hour session) resident will participate with the journal club that currently includes Alissa Rexo, Lindsay McAulliffe, Naomi Keiper, Selene Jones, Karen Campbell, David Duclos, Paul Bloom, and Bruce Hansen. Valerie Fadok will join on occasion to provide additional value to the conversation as her schedule permits. Bruce Hansen will be the primary preceptor for these discussions. The journal club reviews 4 scientific articles per week with the diplomates on Google hangout (Video Conference).**
- c. Histopathology training: **Histopathology training: Histopathological training will be facilitated by ordering extra cuts for each of the cases biopsied at Long Green Animal Dermatology. Dr. Joe Bernstein of Long Green also will make their comprehensive library of slides and case reports available. Long Green Animal Dermatology is the preferred dermatologist for histopathology with Antech Animal Hospitals. There are roughly 20 cases per week for to review. LGAD will provide a complete histologic report for each case. These reports will serve as the preliminary guidelines for recognition of patterns of inflammation, and are invaluable study tools. Dr Hansen's practice contracts with Antech and UPenn for their biopsy cases. The resident will also spend 1 day per month for the duration of the residency with Dr. Joe Bernstein. During this time once a month, Dr. Bernstein will solely focus on Histopathology training. Dr. Bernstein's partner; Dr. Vaughan will take clinical cases for Dr. Bernstein if need be. This will be in addition to time spent in the clinic with Dr. Hansen. All histopath cases will have duplicate cuts and will be viewed by both Dr. Hansen and the resident. Dr. Joanne Mansell at Texas A & M offers a dermatopathology course in the fall for pathology residents. She has agreed to have the resident attend this course and we propose it for the second year of her residency. This is a 3-week course currently held on Wednesday mornings from 8-noon.**
- d. Basic science learning rounds: **Basic science and didactic rounds will be held once monthly. Our curriculum is listed below. This curriculum will be facilitated by Powerpoint presentations and seminars, directed readings from textbooks and journals with subsequent discussion, and referred on line courses. Most of these rounds will be done using Skype or Go To Meeting. Dr. Fadok will be the preceptor for these activities. Dr. Bruce Hansen will attend and monitor all sessions.**
 - a. **Structure and function of the skin (anatomy, biochemistry, physiology, genetics, embryology) - 48.5 hrs**

- b. Immunology/immunological diseases (to include allergies - 24 hrs
- c. Infectious diseases (microbiology, virology, mycology, parasitology)- 32.5 hrs
- d. Clinical dermatological sciences (to include clinical pathology, pharmacology, nutrition, surgery, oncology)- 28.5 hrs
- e. Internal medicine (endocrinology, hematopoietic disorders, gastrointestinal/hepatic disorders, renal disorders, pulmonary disorders)- 28.5 hrs

20. Resident's benefits: (Please give a general list of benefits and then whom a potential candidate should contact to get more specific information on salary and benefit packages). **This internship offers a yearly salary and covers the cost of the annual dermatology convention (hotel, airfare and registration). The resident is required to pay for their own veterinary licenses, malpractice insurance, and dues to the AAVD.**
21. Does the program allow the resident to attend the NAVDF (North American Veterinary Dermatology Forum) meeting annually? **YES**
22. Does the program pay for the resident to attend the NAVDF meeting annually? **YES**
23. Average number of days a resident will spend on clinics per month:
13 days per month
24. Average number of days a resident will spend on non-clinical pursuits per month (not including Sundays or holidays):
9 days per month
25. Does the resident have to take general medicine emergency duty? **__No__** If so how often:
26. Does the resident take Dermatology emergency duty? **__No__**
If so how often:
27. Is time allotted for externships in other subspecialties or at other dermatology practices? **Yes** If so explain: **With advanced planning, time off clinics can be allotted for externships.**
28. How much time is allotted off clinics for board preparation? **12 weeks**
29. How much time is allotted to carry out a research project (grant writing, data collection, paper preparation) during the residency (please report in number of weeks)? **24 weeks**

30. What are the other responsibilities/duties of the resident?

After the first year to teach rotating interns at the Regional Veterinary Referral Center in Springfield, Virginia (Dr. Hansen's Springfield location) during their dermatology rotation. Also to teach various externs from various veterinary schools during externship rotations.

31. How many residents has the program had over the past 10 years? **One**

32. How many/what percentage of the above residents (question 31) passed credentials on the – **First resident only in second year of program.**

33. How many / what percentage of the above residents (question 31) passed the board exam on their first try: **First resident only in second year of program**

34. Is your residency program reviewed by an outside committee at your university? **NO**
If yes, how often?

35. Please list the papers published by your last 5 residents. **NEW**

36. Names of your last 5 residents and whether they are willing to be contacted by potential residents: First Resident is in her second year, but Alissa Rexo is available to be contacted by potential residents.