

Post-Graduate Education: Who Needs It?

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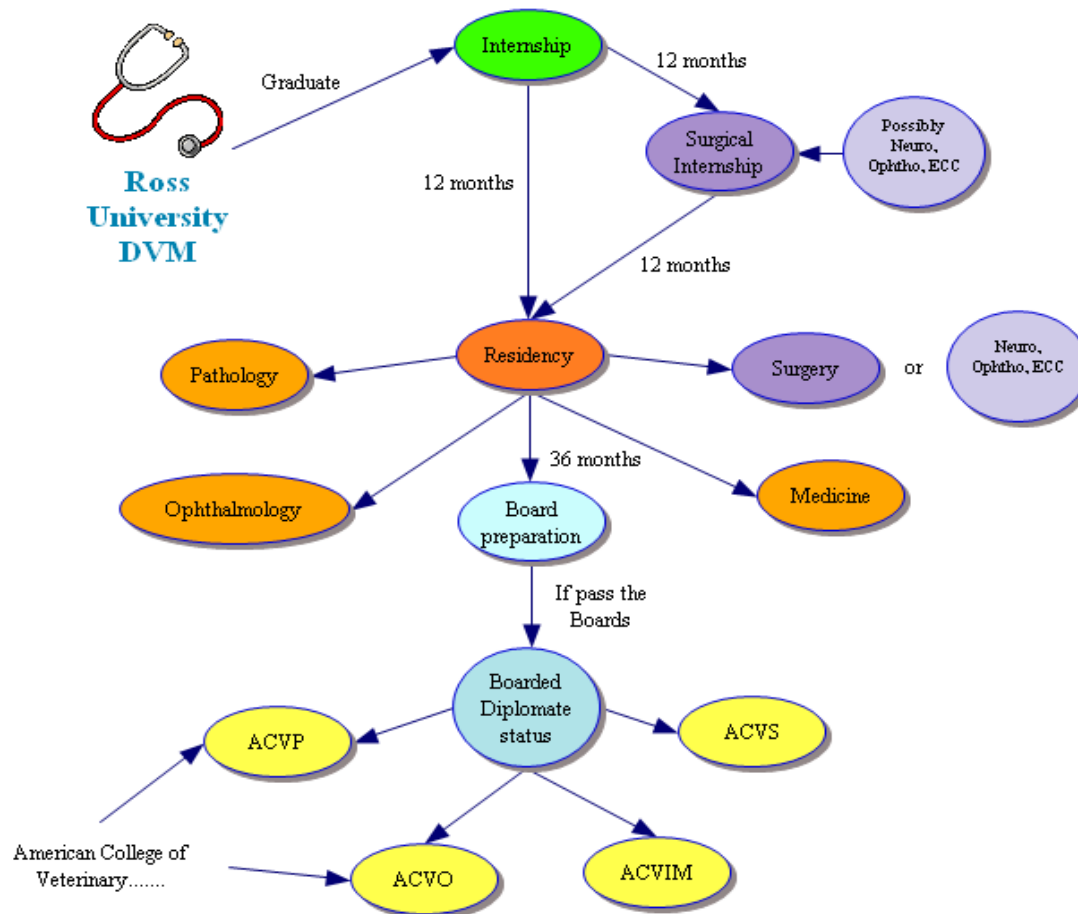
Post Graduate Education

- Internships
- Residencies

The Progression

- DVM
- Internship
- Residency
- Diplomate

Time Lines



Why Consider an Internship

- Helps you further develop your clinical skills and case management acumen
- Serves to offer you more responsibility while still under the mentorship of faculty and residents of the school or college, or specialists in private practice or other institutions
- Sets in place a correct approach to handling cases
- Puts you in a position to apply for residencies
- Will make you a better GP if you forego a residency

Interns, who are they?

- Once a fourth year student who applied to the matching program and were selected by the school or college, institution, or private practice
- Graduate veterinarian who finished just a little ahead of you-unless a surgical intern
- Their selection based on many factors-previous academic performance in most cases

What Do Interns Do?

- Responsibilities can vary
 - Work with students
 - Used for easy to moderate cases
 - Liaison between students and residents/staff
 - Work many overnight shifts

Internships

Offered where;

- Schools and Colleges of Veterinary Medicine
- Corporate practices-i.e. VCA
- Institutions-i.e. Animal Medical Center, NYC
or Angel Memorial, Boston, MA
- Referral/Specialty private practices

Internship Opportunities

- Begins with the matching program,
Veterinary Intern-Resident Matching Program
(VIRMP)
- AAVC sponsors VIRMP
American Association of Veterinary Clinicians
<http://www.aavcvet.org>
<http://www.virmp.org/virmp>

Go to those websites for details on the program including dates & deadlines for applications-usually due in October

VIRMP Website

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VIRMP Website-includes

- Categories of positions
- Institutions offering those positions
- Location
- How many positions are open
- # cases seen at the institution
- # boarded diplomates on staff
- Internship Disclosure Form

IDF

Internship Disclosure Form

1. Do your interns have primary case responsibility? Yes No
2. Do your interns have an assigned mentor and/or receive performance evaluation? Yes No
3. Do you conduct teaching rounds with your interns? Yes No
4. Are interns permitted to attend Continuing Education Courses? Yes No
5. Are your interns required to present formal seminars? Yes No
6. Do your interns participate in a journal club? Yes No
7. Do your interns have 24 hour access to library and computer facilities? Yes No
8. Are your interns provided with a computer to use? Yes No
9. Do your interns perform surgery? Yes No
10. Does the practice have a 24-hour emergency care service? Yes No
11. What percentage of the internship does the intern spend on emergency duty? %
12. Does the practice employ formally trained veterinary technicians? Yes No
13. Do your interns have access to the following equipment/technology, either on-site or outsourced?
 - Ultrasound Electrocardiography Blood Pressure Monitoring
 - Echocardiography Endoscopy CT Scan
 - Bone Plating Equipment MRI

Description of Program:

The Matthew J. Ryan Veterinary Hospital of the University of Pennsylvania is located on the main campus of the university, in West Philadelphia. Because of its location in a major urban area, there is a large case load. Our well-established 24 hour emergency

Short History of AAVC

- In 1986, when the AAVC began overseeing the matching service, there were 179 internships and 130 residencies filled through the matching service, for a total of just over 300.
- Last year, there were 883 total—630 internships-250 residencies
- 2009-a 9% increase in graduates seeking advanced education

Post-graduate education

- Fastest growing segment of the veterinary workforce
- Graduates that went on to advanced education
 - 1995 only 15%
 - 2003 only 26.3%
 - 2008 approximately 40%
- Internships have quadrupled & residencies have doubled
 - 1986- Internships (179) Residencies (130)
 - 2008- Internships (630) Residencies (250)
 - 2009- Internships (847) Residencies (250)
- Overwhelming demand for these programs is driving these increases

Courtesy of Dr. J. Runge

http://www.avma.org/press/releases/081015_postgraded.asp.

VIRMP Statistics-2009

- 847 Internships offered
- In 241 Programs-most in Small Animal rotating internships (117)
 - Acupuncture-Anesthesia-Oncology-Zoo medicine
- At 143 Sites
 - 29 Universities
 - 3 Institutions
 - 111 Private practices-greatest match here=363/466
 - 542/655 Match/Slots-total for Univ/Inst./PP=83% match

Recent AVMA Data

(DVM Magazine April 2010)

- Increase in the # of DVMs seeking board certification-173% from 2006-2009
 - 16% in the last year
 - Internal medicine up 11%
 - ECC-up 14%

- Females now the majority of the AVMA membership:
44,802 females 43,196 males
- Private practice-hiring up 20% 2008-2009
- Educational sector-decreased 7%
- Humane organizations-up 7% in the last year, up 46% over last three years
- Companion animal practice-up 9% over last 3 years
- Equine-up 6% 2008-2009

Specialty Boards & Colleges

- American Board of Veterinary Practitioners (ABVP)
- American Board of Veterinary Toxicology (ABVT)
- American College of Laboratory Animal Medicine (ACLAM)
- American College of Poultry Veterinarians (ACPV)
- American College of Theriogenologists (ACT)
- American College of Veterinary Anesthesiologists (ACVA)
- American College of Veterinary Behaviorists (ACVB)
- American College of Veterinary Clinical Pharmacology (ACVCP)
- American College of Veterinary Dermatology (ACVD)
- American College of Veterinary Emergency & Critical Care (ACVECC)

- American College of Veterinary Internal Medicine (ACVIM)
- American College of Veterinary Microbiologists (ACVM)
- American College of Veterinary Nutrition (ACVN)
- American College of Veterinary Ophthalmologists (ACVO)
- American College of Veterinary Pathologists (ACVP)
- American College of Veterinary Preventive Medicine (ACVPM)
- American College of Veterinary Radiology (ACVR)
- American College of Veterinary Surgeons (ACVS)
- American College of Zoological Medicine (ACZM)
- American Veterinary Dental College (AVDC)

How Do You Know Where To Apply?

- Best if you can spend time as an extern or preceptor at a site you might want to consider for an internship
 - You get to know them-and they you...and you can talk with interns who are there to see how they like their position and responsibilities they're given
- The higher your GPA, the greater your chances are for securing the internship you want -especially if they don't know you
- Faculty references are important-especially those of clinicians

How Much Do Internships Pay?

- Salaries are variable-usually around \$ 30K/year with the opportunity to earn another \$ 5,000 by taking emergencies

How Much Would You Make in Practice?

- “Employment, Starting Salaries, and Educational Indebtedness of Year-2009 Graduates of US Veterinary Medical Colleges”
JAVMA, Vol 235, No.5, September 1, 2009
- Surveyed 2,385 (95.7% of all) US veterinary graduates
- 79.5% had received an offer of employment or advanced education by their graduation date-down 11.5% from 2008
- Average starting salary-all employer types-\$ **48,684**-up 0.7% from 2008
- Average starting salary, excluding those who went on for advanced training, was \$ **64,826**-up 5.2% from 2008
- Average starting salary range-excluding equine-
 - **63,172** (food animal predominant) to **72,318** (food animal exclusive)
 - Starting equine- **37,854** (down 9.1% from 2008)
 - Starting salary in companion animal exclusive-**69,154**

Debt Forgiveness

(DVM Magazine April 2010)

- Food Animal Veterinarian Recruitment & Retention Program
- Joint effort of the AVMA & the AVMF
- Funded by industry partners
- Provide financial incentives like student loan forgiveness-up to 100K
- Only about 15% of veterinary students pursue careers in food animal medicine

Then Why Not Go to the Money?

- Multiple reasons:
 - Desire more training
 - Want to increase your confidence in handling cases
 - Want more mentoring
 - Considering a residency
 - Want to become a diplomate
 - You love school and learning!
 - You don't need the money-you have PLENTY!



Facts & Figures

Employment of female and male graduates of US veterinary medical schools and colleges, 2008

According to the 2007 AVMA Report on Veterinary Compensation, board-certified veterinary specialists earned a median income of **\$139,000** in 2005 compared to the median income of **\$79,000** for private practice veterinarians with no post-graduate education.

Courtesy of Dr. J. Runge

Should you consider an internship position?

- Loan payments will be deferred
- Interest will accrue
- Talk to your financial advisor about these issues
- Realize a higher starting salary as a post-internship generalist-and be more confident and educated in medicine and surgery
- Or...as a specialist
 - Median \$ 139K but \$ 2-300 K/yr not impossible

Clinical Interns

- Interns are a great resource at affiliate schools & colleges-they are closest to your circumstance
- Will give you advice about your future direction if you ask them
- Will help you through your opening weeks in a new environment-they may be new to the program too
- Take advantage of their knowledge of protocol and familiarity with “the system” in your fourth year

And in your clinical year.....

TALK TO YOUR INTERNS AND RESIDENTS

ABOUT INTERNSHIPS & RESIDENCIES

.....and let them help you in the decision

A Dog's Worst Nightmare (La peor pesadilla del perro)



Thank you!

Questions?