

Melinda Pomeroy

535 Silver Leaf Drive Christiansburg, VA 24073

(540) 381-5297

e-mail address: mpomeroy@vt.edu

EDUCATION

Masters of Science, Veterinary Medical Sciences- Pathology.

VIRGINIA TECH, VMRCVM, Blacksburg, Virginia. December 2001. GPA 3.67.

Bachelor of Arts, Biology.

RHODES COLLEGE, Memphis, Tennessee. May 1995. GPA 3.24

RESEARCH INTERESTS

Functional-morphologic correlations in aging dogs with decreased renal function

Pathogenesis of defect with emphasis on Type IV collagen expression and composition with aging and disease

Relation of altered renal structure to increased dysfunction upon exposure to xenobiotics or toxins

RELEVANT EXPERIENCE

Research/Technical

Graduate Teaching Assistant: Virginia Tech, VMRCVM, Blacksburg, VA. 8/99-present.

- Assisted students in pharmacology, toxicology, and histology labs
- Responsible for recording and grading labs and quizzes
- Performed transmission electron microscopy (TEM) tissue preparation of ongoing research

Veterinary Technician, Signal View Animal Clinic, Chattanooga, TN. 2/99 to 8/99.

- Assisted in surgery and dental cleanings
- Provided animal restraint
- Recorded appointments for surgery and doctor
- Performed and evaluated laboratory bloodwork
- Managed weekend hospital patients

Veterinary Technician and Receptionist, Middle Valley Animal Hospital, Chattanooga, TN. 12/95 to 2/99.

- Performed and evaluated laboratory work, including urinalysis and bloodwork
- Operated radiograph machine and developed radiographs
- Identified irregularities in urine sediment
- Utilized computer appointment scheduling
- Responsible for gathering patient-related information from clients during hospital visits
- Supervised hospital inventory

Veterinary Technician, Murphy Road Animal Hospital, Nashville, TN. 5/95 to 12/95.

- Provided animal restraint
- Performed dental cleanings
- Utilized bloodwork machine

Teaching Assistant, Rhodes College, Biology Department, Memphis, TN. 1991-1995.

- Guided General Biology students in lab
- Facilitated students' independent projects
- Assisted in preparing laboratories for General Biology labs
- Prepared solutions for professors' research

Skills

Animal Handling

Instrumentation: TEM, light microscope, microtome.

Techniques: tissue preservation, immunohistochemistry, H&E staining, osmium tetroxide staining.

Computer Skills: PC or Mac, Word, Excel, Netscape, Adobe Photoshop, Powerpoint, SAS.

Teaching

Graduate Teaching Assistantship (GTA) Workshop: Participated in a three day workshop on GTA duties and fundamentals. Sponsored by the Commission on Graduate Studies. 8/99.

HONORS/AFFILIATIONS

- 2/02-present. Member of Society of Toxicology.
- 4/01-present. Member of Omicron Delta Kappa National Leadership Honor Society.
- 4/01-present. Graduate Student Assembly (GSA) Representative to University Council.
- 4/01-present. Member of the American Aging Association.
- 3/01-present. Vice-President of Programs, Graduate Student Assembly.
- 1/01-present. Member of the Society of Toxicologic Pathology.
- 1/01-present. Member of Health Issues Committee of the GSA.
- 9/99- present. Member of the Graduate Honors System Disciplinary Panel.
- 10/00-3/01. Department Representative to the GSA.
- 11/00-2/01. Department Representative to the Board of Visitors Selection Committee.

AWARDS

- Spring 2001. Recipient of American Aging Association's Graduate Student Travel Award.

ABSTRACTS and PRESENTATIONS

- *Presentation:* Society of Toxicology's 41st Annual Meeting. M.J. Pomeroy and J.L. Robertson. Advancing Age and Glomerular Location Play Significant Roles in the Development of Renal Disease in Laboratory Dogs. Nashville, TN. March 17-21, 2002.
- *Abstract:* Society of Toxicologic Pathology's 20th International Symposium. M.J. Pomeroy and J.L. Robertson. Age and Sex are Predictors of Renal Disease. Orlando, FL. June 25-28, 2001.
- *Presentation:* 2001 Virginia-Maryland Regional College of Veterinary Medicine Annual Research Symposium. M.J. Pomeroy and J.L. Robertson. Quantification of Renal Lesions in Beagle Dogs: Analysis of lifetime study data. Blacksburg, VA. June 6-8, 2001.
- *Abstract:* 2001 American Aging Association 30th Annual Meeting. M.J. Pomeroy and J.L. Robertson. Age and Sex Play Significant Roles in Renal Disease. Madison, WI. June 1-4, 2001. *Journal of the American Aging Association.*

CONFERENCES

- Society of Toxicologic Pathology's 20th International Symposium, Orlando, FL. June 25-28, 2001.
- American Aging Association's 30th Annual Meeting, Madison, WI. June 1-4, 2001.
- National Association of Graduate and Professional Students Southeast Regional Conference, a non-profit organization dedicated to improving the quality of graduate and professional student life in the United States. Miami, FL. April 20-22, 2001.

EXTRACURRICULAR ACTIVITIES

- Member of the Outing Club of Virginia Tech, 8/99 to 5/00.
- Hiking, Camping.
- Kickboxing, Tennis.
- Siskin Hospital Pet Therapy Volunteer, Chattanooga, TN. 8/98 to 8/99.