

Curriculum Vitae

John J. Dascanio, VMD
Professor of Theriogenology
Diplomate, American College of Theriogenologists
Diplomate, American Board Veterinary Practitioners - Equine Specialty

Education:

Cornell University, July 1989 - July 1991.
The New York State College of Veterinary Medicine
Ithaca, NY 14853.
Residency in Large Animal Ambulatory Medicine.
Cornell University, June 1988 - June 1989.
The New York State College of Veterinary Medicine
Ithaca, NY 14853.
Internship in Large Animal Ambulatory Medicine.
The University of Pennsylvania, August 1984 - May 1988.
Philadelphia, PA 19104.
Doctorate in Veterinary Medicine. Graduated Cum Laude.
The Pennsylvania State University, August 1979 - May 1983.
University Park, PA 16802.
Bachelor of Science in Animal Bioscience. Graduated Cum Laude.

State Licenses:

New York, Ohio, Oregon, and Pennsylvania (all inactive).

Work Experience:

Executive Associate Dean – July 2016 to present.
Oversee daily College functions, academic affairs, exam services, and student services and admissions. Represent the College in the absence of the Dean. Serve on the Dean's Executive Committee and provide input into all aspects of accreditation and budgeting. Teach in the Clinical and Professional Skills courses and the Theriogenology course.

Associate Dean for Academic Affairs - February 2015 to June 2016.
Oversaw academic affairs and exam services. Implemented new curriculum. Served on College Council. Taught in the Clinical and Professional Skills courses and the Theriogenology course.

Director of Large Animal Clinical Skills, Professor of Theriogenology - August 2014 to January 2015.
Lincoln Memorial University College of Veterinary Medicine, Harrogate, TN. Taught all aspects of clinical skills and animal reproduction with laboratories to veterinary students. Directed the large animal clinical skills

program including curricular development, model development and model validation.

Director of Large Animal Research Park, Professor of Theriogenology - January 2011 to August 2014

Ross University School of Veterinary Medicine, Basseterre, St Kitts. Taught all aspects of Theriogenology with laboratories to veterinary students. Provided clinical service in small animal reproduction to the Veterinary Teaching Hospital. Directed the Large Animal Research Park facilities, animals and coordinate research projects.

Associate Professor (2000 to 2010), Assistant Professor (1993 to 1999) – August 1993 to November 2010

Production Management Medicine, Equine Field Service Unit, Virginia Tech, Virginia-Maryland College of Veterinary Medicine, Blacksburg, VA. Conducted routine farm calls to provide veterinary care for clientele surrounding Blacksburg, VA while providing clinical instruction for senior veterinary students during their three-week clerkship. Special services in Theriogenology provided to clientele for both in-field and in-house patients. Instructor for Theriogenology course and Equine Theriogenology elective.

Assistant Professor - Rural Veterinary Practice, Oregon State University College of Veterinary Medicine, Corvallis, OR. August 1991 - June 1993

Conducted routine farm calls to provide veterinary care for clientele surrounding Oregon State University, while providing clinical instruction for senior veterinary students during their one-month rotation in Rural Veterinary Practice. Provided in-house Theriogenology services for all large animal species. Instructor-in-charge for Computers in Veterinary Practice Elective. Co-instructor for Large Animal Theriogenology course, Sheep and Goat Medicine and Surgery elective, and Dairy Production Medicine elective.

Membership in Professional/Scientific Societies:

American College of Theriogenologists -1997 to present.
American Board of Veterinary Practitioners -1991 to present.
American Veterinary Medical Association -1988 to present.
American Association of Equine Practitioners -1991 to present.
Northeast Association of Equine Practitioners – 2009 to present.
Society for Theriogenology -1993 to present.
Virginia Veterinary Medical Association - 1993 to 2010.
Southwest Virginia Veterinary Medical Association - 1995 to 2003
Chi Chapter of Phi Zeta Veterinary Honor Society - 1995 to 2014.

Honors/Awards:

AAVMC Veterinary Leadership Certificate - 2016.
 Virginia Tech Certificate of Teaching Excellence – 2006.
 Virginia-Maryland Regional College of Veterinary Medicine College Teaching Award – 2005.
 Phi Zeta - Honor Society of Veterinary Medicine, inducted University of Pennsylvania, inducted in 1988.
 Gamma Sigma Delta - Honor Society of Agriculture, inducted Pennsylvania State University, inducted in 1983. Secretary - Oregon state chapter, 1992 - 93.
 Alpha Zeta - National Honorary Professional Agricultural Fraternity, inducted Pennsylvania State University, inducted in 1981.
 Coaly Society - Honorary Agricultural Leadership Society, inducted Pennsylvania State University, inducted in 1982.

Books:

Dascanio JJ, McCue P, eds. Equine Reproductive Procedures. 160 chapters. Wiley Blackwell. Published August 2014. 560 pages. ISBN 978-0-470-96039-4.

Book Chapters:

1. **Dascanio JJ**. Breeding Soundness Examination of the llama and alpaca. In: Cebra C, Anderson D, Tibary A, Van Saun R and Johnson L, eds. Llama and Alpaca Care: Medicine, Surgery, Reproduction, Nutrition, and Herd Health: Elsevier, 2013:188-193.
2. **Dascanio JJ**, Chew LR. Breeding with frozen semen. In: Wilson D, ed. Clinical Veterinary Advisor. St Louis, MO:Elsevier Saunders, 2012;677-678.
3. Chew LR, **Dascanio JJ**. Perineal Conformation. In: Wilson D, ed. Clinical Veterinary Advisor. St Louis, MO:Elsevier Saunders, 2012;436.
4. **Dascanio JJ**. External Mare Anatomy. In: McKinnon AO, Voss J eds. Equine Reproduction: Lippincott Williams & Wilkins, 2011;1577-1581.
5. **Dascanio JJ**. Treatment of Fungal Endometritis. In: Samper JC, Pycock JF, McKinnon AO, eds. *Current Therapy in Equine Reproduction*: Saunders (Elsevier), 2007:116-120.
6. **Dascanio JJ**. Endometrial Cytology. In: Robinson NE, ed. *Current Therapy in Equine Medicine, fifth edition*. Philadelphia:WB Saunders. 2003:226-228.
7. **Dascanio JJ**: Examination of the Stallion Scrotum, Testes, Prepuce, and Penis. In: Wolfe D, Moll D, eds. *Large Animal Urogenital Surgery*. Baltimore:Williams and Wilkins, 1999:17-21.
8. Boschert K, **Dascanio JJ**, Lloyd D: Guide to the Internet. In: Martinelli MJ, ed, *Computers in Veterinary Medicine*. Newmarket:Romney Publications, 1998:20-32.

Papers in Refereed Journals:

1. Williamson JA, Johnson JT, Anderson SL, Spangler D, Stonerook M, **Dascanio JJ**. A randomized trial comparing freely moving and zonal instruction of veterinary surgical skills using ovariohysterectomy models. *Submitted J Vet Med Ed*. November 2017.
2. Williamson JA, Heydenburg M, Kelly CK, Anderson SL, **Dascanio JJ**. Development and validation of a canine castration model. *Submitted J Vet Med Ed*. November 2017.
3. Christmann U, Vroegindewey G, Williamson J, Johnson J, **Dascanio J**. Effectiveness of 3 different instructional methods used in isolation wards to achieve PPE protocol adherence in veterinary students. *Submitted J Vet Med Ed*. November 2017.
4. French HM, **Dascanio JJ**, Gilbert GE, Robinson JQ. Bovine Reproductive Palpation Training: Does the Cow Make a Difference? *J Vet Med Ed*. 2017 In Press
5. French HM, **Dascanio JJ**, Peterson EW, Gilbert GE, Wright CC, Wickman DD, Bauman EB. Development and Student Evaluation of an Anatomically Correct High-Fidelity Calf Leg Model. *J Vet Med Ed*. 2017 In Press
6. Williamson JA, **Dascanio JJ**, Christmann U, Johnson J, Rohleder B, Titus L. Development and validation of an equine neck model for training phlebotomy and intramuscular injection skills. *J Vet Med Ed*. 2016;43(3):235-242.
7. Lewis RS, Ellison SP, **Dascanio JJ**, Lindsay DS, Gogal Jr, RM, Were SR, Surendran N, Breen ME, Heid BM, Andrews FM, Buechner-Maxwell VA,¹ and Witonsky SG. Effects of experimental *Sarcocystis neurona*-induced infection on immunity in an equine model. *J Vet Med* 2014;1-16.
8. Denham SF, Staniar WB, **Dascanio JJ**, Phillips AB, Splan RK. Linear and temporal kinematics of the walk in Warmblood foals. *J Eq Vet Sci* 2012;32:112-115.
9. Bhatnagar AS, Pleasant RS, **Dascanio JJ**, Lewis SR, Gray A, Shroeder OE, Doyle K, Hall J, Splan RK. Hoof conformation and palmar process fractures of the distal phalanx in Warmblood foals. *J Eq Vet Sci* 2010;30(7):349-355.
10. **Dascanio JJ**. Antibiotics in mare reproduction. *Clinical Therio* 2009;1(1):411-432.
11. Lewis SR, Zimmerman K, **Dascanio JJ**, Pleasant RS, Witonsky SG. Equine granulocytic anaplasmosis: A case report and review. *J Eq Vet Sci* 2009;29(3):160-166.
12. **Dascanio JJ**, Kasimanickam R. Breeding the mare with frozen semen. *Eq Vet Educ* 2008;20(12):667-672.
13. Tan RHH, **Dascanio JJ**. Infertility associated with persistent hymen in an alpaca and a llama. *Can Vet J* 2008;49:1113–1117.
14. Gray GA, **Dascanio JJ**, Kasimanickam R, Sponenberg DP. Bilateral epididymal cysts in an alpaca male used for breeding. *Can Vet J* 2007;48(7):741-744.

15. Deluca C, **Dascanio JJ**, Berry DB II. Nd:YAG laser treatment of a vestibulovaginal varicosity in a 15-year-old pregnant mare. *J Eq Vet Sci* 2007;27(5);217-220.
16. Wilson KE, **Dascanio JJ**, Duncan R, Delling U, Ladd SM. Orchitis, epididymitis and pampiniform phlebitis in a stallion. *Eq Vet Educ* 2007;19(5):239-243.
17. Kasimanickam R, Kasimanickam V, Pelzer KD, **Dascanio JJ**. Effect of breed and sperm concentration on the changes in structural, functional and motility parameters of ram-lamb spermatozoa during storage at 4 degrees C. *Anim Reprod Sci* 2007;101(1-2);60-73.
18. **Dascanio JJ**, Tschetter J, Gray A, Bridges K. Use of quantitative real-time polymerase chain reaction to examine endometrial tissue. *An Repro Sci.* 2006;94; 254-258.
19. **Dascanio JJ**, Kasimanickam R, Milburn S, Canerossi A, Splan R. Retention of liquid within insemination equipment using various equine frozen semen insemination methods and two semen freezing extenders. *J Eq Vet Sci.* 2006;26(7);305-309.
20. Marchiondo AA, White GW, Smith LL, Reinemeyer CR, **Dascanio JJ**, Johnson EG, Shugart JJ. Clinical field efficacy and safety of pyrantel pamoate paste (19.13% w/w pyrantel base) against *Anoplocephala* spp. in naturally infected horses. *Vet Parasitol.* 2006;137;94-102.
21. Gray GA, **Dascanio JJ**, Kolster KA. Theriogenology question of the month. What are the 3 management options for a mare with twin fetuses at this stage of gestation? *J Am Vet Med Assoc.* 2006;227(2);225-227.
22. **Dascanio JJ**, Witonsky SG. Theriogenology question of the month. Urospermia. *J Am Vet Med Assoc.* 2005;228(2);207-209.
23. Gay LS, Kronfeld DS, Grimsley-Cook A, **Dascanio JJ**, Ordakowski AO, Splan RK, Dunnington EA, Sklan DJ. Retinol, β -Carotene and β -Tocopherol Concentrations in Mare and Foal Plasma and in Colostrum. *J Eq Vet Sci.* 24:115-120;2004.
24. Witonsky S, Morrow J, Leger C, **Dascanio J**, Buechner-Maxwell V, Palmer W, Kline K, Cook A. Sarcocystis neurona - specific Immunoglobulin G in the serum and Cerebrospinal fluid of horses vaccinated with the S. neurona vaccine. *J Vet Intern Med.* 18:98-103;2004.
25. Wirtu G, Bailey TL, Chauhan MS, Parker NA, **Dascanio JJ**, Gwazdauskas FC, Ley WB. Xenogenous fertilization of equine oocytes following recovery from slaughterhouse ovaries and in vitro maturation. *Theriogenology.* 61(2-3):381-391;2004.
26. **Dascanio JJ**. The use of information technology in large animal veterinary education. *J Vet Med Educ.* 30(4):326-330;2003.
27. Odeh AI, **Dascanio JJ**, Caceci T, Bowen J, Eng LA. Effect of platelet-activating factor (PAF) on stallion sperm motility, capacitation and the acrosome reaction. *Repro.* 126:605-613;2003.
28. Buechner-Maxwell VA, Digraessie W, **Dascanio J**, Ward D, Austin S, Ley W. Measurements of equine serum hepatic indices after administration of tetanus antitoxin. *J Eq Vet Sci.* 23(5):220-224;2003.

29. Hess M, Parker N, Purswell BJ, **Dascanio J**. Use of lufenuron as a treatment for fungal endometritis in four mares. *J Am Vet Med Assoc*. 221:266-267;2002.
30. Cook AG, Buechner-Maxwell V, Morrow JK, Ward DL, Parker NA, **Dascanio JJ**, Ley WB, Cooper W. Interpretation of the detection of *Sarcocystis neurona* antibodies in the serum of young horses. *Vet Parasitol*. 95:187-195;2001.
31. **Dascanio JJ**, Schweizer C, Ley WB. Equine Fungal Endometritis. *Eq Vet Educ*. 3(6):420-425;2001.
32. Parker NA, Bailey TL, Bowen JM, Ley WB, Purswell BJ, **Dascanio JJ**. In vitro and xenogenous capacitation-like changes of fresh, cooled, and cryopreserved stallion sperm as assessed by a chlortetracycline stain. *J Androl*. 21(1):45-52;2000.
33. Digrassie W, **Dascanio JJ**, Ley WB, Newman SJ, Prater DA. Abortion due to placental insufficiency - Theriogenology question of the month. *J Am Vet Med Assoc* 216(6):833-835;2000.
34. Hoffman RM, Lawrence LA, Kronfeld DS, Cooper WL, Sklan DJ, **Dascanio JJ**, Harris PA. Dietary carbohydrates and fat influence radiographic bone mineral content of growing foals. *J Anim Sci* 77(12):3330-3338;1999.
35. Bailey TL, **Dascanio JJ**, Murphy JM. Analyzing reproductive records to improve dairy herd production. *Vet Med* 94:269-276;1999.
36. Purswell BJ, Parker NA, Bailey TL, **Dascanio JJ**, Sponenberg DP. Persistent estrus in the bitch – granulose cell tumor - Theriogenology question of the month. *J Am Vet Med Assoc* 215:193-195;1999.
37. **Dascanio JJ**, Parker N, Ley WB, Warnick LD, Sponenberg DP. Magnesium sulfate intrauterine therapy in the mare. *Eq Pract* 20:10-13;1998.
38. Bailey TL, **Dascanio JJ**, Parker NA, Purswell BJ, Ley WB, Bowen JM, Digrassie WA. Diagnostic Procedures in Mare Reproduction: Hormonal Evaluation and Genetic Testing. *Comp Contin Educ Pract Vet* 19(10):1183-1189;1997.
39. **Dascanio JJ**, Parker NA, Ley WB, Bailey TL, Purswell BJ, Bowen JM, Digrassie WA. Diagnostic Procedures in Mare Reproduction: Uterine Evaluation; Hysteroscopy; Oviductal Patency and Scintigraphy. *Comp Contin Educ Pract Vet* 19(9):1069-1076;1997.
40. **Dascanio JJ**, Parker NA, Purswell BJ, Digrassie WA, Bailey TL, Ley WB, Bowen JM. Diagnostic Procedures in Mare Reproduction: Basic Evaluation. *Comp Contin Educ Pract Vet* 19(8):980-985;1997.
41. **Dascanio JJ**, Ley WB, Warnick LD, Austin SM. Use of a new colostrometer design to predict equine colostral immunoglobulin from specific gravity. *Eq Pract* 19:23-29;1997.
42. **Dascanio JJ**, Shires PK, Croft RS, Thatcher CD, Lewis LD. Creation and use of a multimedia computer case simulation program for teaching veterinary nutrition. *J Am Vet Med Assoc* 211(11):1380-1384;1997.
43. **Dascanio JJ**, Swecker WS. Veterinary Medical Resources on the Internet. *Comp Contin Educ Pract Vet* 19(2):205-212;1997.

44. Hoffman RM, Kronfeld DS, Lawrence LA, Cooper WL, **Dascanio JJ**, Harris PA. Dietary starch and sugar versus fat and fiber: Growth and development of foals. *Pferdeheilkunde* 12:312-316;1996.
45. **Dascanio JJ**, Mechor GD, Grohn YT, Kenney DG, Booker CA, Thompson P, Chiffelle CL, Musser JMM, and Warnick LD. Effect of phenylbutazone and flunixin meglumine on acute toxic mastitis in dairy cows. *Am J Vet Res* 56:1213-1218;1995.
46. **Dascanio JJ**, Ball BA, and Hendrickson DA. Uterine tear without a corresponding placental lesion in a mare. *J Am Vet Med Assoc*, 202(3):419-420;1993.
47. **Dascanio JJ**, Zhang CH, Antczak DF, Blue JT, and Simmons TR. Differentiation of chronic lymphocytic leukemia in the horse: a report of two cases. *J Am Vet Med Assoc*, 6:225-229;1992.
48. Mohammed HO, White MF, Guard CL, Smith MC, Mechor GD, Booker CW, Warnick LD, **Dascanio JJ**, and Kenney DG. A case-control study of the association between blood selenium and cystic ovaries in lactating dairy cattle. *J Dairy Sci*, 74(7):2180-2185;1991.

Papers, Abstracts and Posters Presented at Professional Meetings:

1. **Dascanio J**, Yvorchuk-St Jean K, Williamson J, French J, Johnson J. The many facets of an audience response system: Use in formative and summative assessments. Poster presented at the annual AAVMC meeting. Washington, DC. March 2016.
2. Fletcher C, Williamson JA, **Dascanio J**, Chapwanya A, Little B, French H. Does bovine reproduction palpation training transfer to small animal palpation skills? Poster presented at Ross University School of Veterinary Medicine's Student Research Day, St. Kitts, 23 January 2016.
3. **Dascanio JJ**, Williamson J. What happens when everyone fails? Lessons from a mass OSCE remediation, presented at the Association of American Veterinary Medical Colleges Workshop on Assessment of Clinical Competencies. Minneapolis MN. July 2015.
4. Kudlack L, Bradley J, **Dascanio J**, Johnson J, Christmann U, Williamson JA. Use of a proprietary cell stabilization and preservation solution (HemSol™) to prolong room temperature semen longevity, poster presented at LMU-CVM Research Day. Harrogate TN. November 2015.
5. Rice M, Vroegindewey G, Williamson JA, Johnson J, **Dascanio J**, Pierson W, Christmann U. Effectiveness of 3 different instructional methods used in isolation wards to achieve personal protective equipment protocol adherence, poster presented at LMU-CVM Research Day. Harrogate TN. November 2015.
6. Williamson JA, **Dascanio J**, Christmann U, Johnson J, Rohleder B, Titus L. Development and validation of a multi-purpose equine neck model. InVeST 2015: International Veterinary Simulation in Teaching Conference. Hannover, 14.-16.09.2015. Dusseldorf: German Medical Science GMS Publishing House; 2015. Doc15invest09.

7. Skowron C, Williamson JA, **Dascanio J**. Development of a mixed-fidelity surgical simulator for ovariohysterectomy, poster presented at the Lincoln Memorial University College of Veterinary Medicine's (LMU-CVM) Research Day, Harrogate TN, 13 November 2015.
8. Rice M, Vroegindewey G, Williamson JA, Johnson J, **Dascanio J**, Pierson W, Christmann U. Effectiveness of 3 different instructional methods used in isolation wards to achieve personal protective equipment protocol adherence, poster presented at LMU-CVM Research Day, Harrogate TN, 13 November 2015.
9. Kudlack L, Bradley J, **Dascanio J**, Johnson J, Christmann U, Williamson JA. Use of a proprietary cell stabilization and preservation solution (HemSol™) to prolong room temperature semen longevity, poster presented at LMU-CVM Research Day, Harrogate TN, 13 November 2015.
10. Williamson JA, **Dascanio J**, Christmann U, Johnson J, Rohleder B, Titus L. Development and validation of a multi-purpose equine neck model, poster presented at the International Veterinary Simulation in Teaching Conference, Hannover Germany, 14-16 September 2015.
11. Williamson JA, **Dascanio J**. What happens when everyone fails? Lessons from a mass OSCE remediation, presented at the Association of American Veterinary Medical Colleges Workshop on Assessment of Clinical Competencies, Minneapolis MN, 20-21 July 2015.
12. **Dascanio J**. Outcomes Assessment. Annual meeting of the American College of Theriogenologist's Educator's forum. San Antonio, TX. August 5, 2015.
13. **Dascanio J**, Porco A, Hegler A, Hall E, Beierschmitt A, Eckery D, McCall J, Simmonds I. Poster: Efficacy of A Gonadotropin-Releasing Hormone (Gnrh) Vaccine (Gonacon™), On Reproductive Function In Female Vervet Monkeys (*Chlorocebus Aethiops*). Global Solutions to Regional Challenges: Bridging the One Health Divide. St Kitts. November 2014.
14. **Dascanio J**, Hegler A, Hall E, Porco A, Beierschmitt A, Eckery D, McCall J, Simmonds I. Poster: Efficacy of A Gonadotropin-Releasing Hormone (Gnrh) Vaccine (Gonacon™), On Reproductive Function In Female Vervet Monkeys (*Chlorocebus Aethiops*). American Association of Zoo Veterinarians. October 2014.
15. Collett JA, Rhoads MK, Beierschmitt A, **Dascanio J**, Knot HJ, Osborn JL. Circadian measurement of blood pressures and core body temperature in conscious, freely moving vervet monkey. Abstract for presentation, Experimental Biology, 2014, San Diego, CA.
16. Nibblett BM, **Dascanio J**, Bauman E, Pederson D, Knight A, and Adams R. Abstract: The use of 3D printing to generate teaching models in veterinary medicine (submission #985) *Simulation in Healthcare* 2013; 8(6).
http://journals.lww.com/simulationinhealthcare/Abstract/2013/12000/Board_527_Technology_Innovations_Abstract_The.369.aspx, accessed 27 Nov. 2017.
17. **Dascanio JJ**, Bauman E, Pederson D, Knight A, Adams R. Poster: Creation of a model for teaching bovine obstetrics using 3-D printing technology.

- International Veterinary Simulation in Teaching. Basseterre, St Kitts March 2014.
18. Johnson JW, **Dascanio J**, Williamson J, Roberson J, Lebow P. Poster: The development of teaching models for Theriogenology. International Veterinary Simulation in Teaching. Basseterre, St Kitts March 2014.
 19. Nibblett B, **Dascanio J**, Bauman E, Pederson D, Knight A, Adams R. Poster: The Use of 3D Printing to Generate Teaching Models in Veterinary Medicine. International Meeting on Simulation in Healthcare. San Francisco, CA January 2014.
 20. Bauman E, Adams R, Pederson D, Knight A, Nibblett B, **Dascanio J**, Kaplan B, Pempe S, Emanuel R, Ruesch J, Vaughan G, Wiens A, Squire K. Poster: Veterinary Medicine Bone Viewer. International Meeting on Simulation in Healthcare. San Francisco, CA January 2014.
 21. **Dascanio JJ**, Bauman E, Pederson D, Knight A, Adams R. Poster: Creation of a model for teaching bovine obstetrics using 3-D printing technology. 1st Annual DeVry Education and Scientific Seminar. St Martin, West Indies. November 2013.
 22. **Dascanio JJ**, Pleasant RS, Witonsky SG, Lewis RS, Schroeder OE, Gray GA, Ferguson TL, Splan RK. Palmar Process Fractures in Foals: A Prospective Radiographic Survey of the Incidence and Duration of Fractures on a Virginia Farm. Annual meeting of the American Association of Equine Practitioners. Las Vegas, NV. 2009.
 23. **Dascanio JJ**. Antibiotics in mare reproduction. Annual meeting of the American College of Theriogenologists. Albuquerque, New Mexico. 2009.
 24. **Dascanio JJ**, Tschetter J, Gray A, Bridges K. Use of quantitative real-time polymerase chain reaction to examine endometrial tissue. 9th International Symposium on Equine Reproduction. Kerkrade, Netherlands. 2006.
 25. Eng LA, Odeh AI, **Dascanio JJ**, Caceci T, Bowen J, Roudebush WE. Localization of the platelet-activating factor (PAF) receptor on stallion spermatozoa by immunofluorescent microscopy and PAF mobilization of intracellular calcium as determined by flow cytometry, in Proceedings: 36th Annual Meeting of the Society for the Study of Reproduction. 2003.
 26. Hess M, Purswell BJ, Parker N, **Dascanio JJ**. The effects of prostaglandin F2alpha, oxytocin and gonadotropin releasing hormone on ejaculate characteristics in the dog. Colorado Springs, CO, in Proceedings: Society for Theriogenology. 2002.
 27. Witonsky S, Morrow J, **Dascanio J**, Palmer W, Buechner-Maxwell V, Leger C, Kline K, Cook A. Vaccination of horses with Sarcocystis neurona vaccine produces marked increase in IgG specific antibodies to Sarcocystis neurona in the serum and cerebrospinal fluid. Denver, CO., in Proceedings: American College of Veterinary Internal Medicine Annual Meeting. 2002.
 28. Odeh AI, **Dascanio JJ**, Eng LA, Caceci T, Saacke RG, Bowen J. Identification of platelet activating factor (PAF) receptor in equine spermatozoa and its role in motility, capacitation and the acrosome reaction. Blacksburg, VA. 14th Annual Research Symposium. 2002.

29. **Dascanio JJ**, Rigby S, Sharova L, Ward D. Identification of factors associated with delayed uterine clearance in mares. Blacksburg, VA. 13th Annual Research Symposium. 2001.
30. Hess M, Purswell BJ, Parker NA, **Dascanio JJ**. The effects of prostaglandin F2alpha, oxytocin, and gonadotropin releasing hormone on ejaculate characteristics in the dog. Blacksburg, VA. 13th Annual Research Symposium. 2001.
31. Hess M, Purswell BJ, Parker N, **Dascanio J**. The effects of prostaglandin F2alpha, oxytocin, and gonadotropin releasing hormone on ejaculate characteristics in the dog, in Proceedings: The Society for Theriogenology, p15. 2001.
32. Teasley JS, Digrassie WA, **Dascanio JJ**, Milburn SW. The effect of extender on post-thaw motility and pH using frozen-thawed stallion semen. Minority Academic Opportunities Program. 2000.
33. **Dascanio JJ**, Ley WB, Schweizer C. How to diagnose and treat fungal endometritis, in Proceedings: Am Assoc Eq Pract. 46:316-318;2000.
34. Ley WB, Bowen JM, Purswell BJ, **Dascanio JJ**, Parker NA, Bailey TL, Digrassie WA. Modified technique to evaluate uterine tubal patency in the mare, in Proceedings: Am Assoc Eq Pract. 44:56-59;1998.
35. **Dascanio JJ**. Current concepts in the diagnosis and treatment of equine endometrial disorders, in Proceedings: Ontario Veterinary Medical Association. 249-254;1998.
36. **Dascanio JJ**. The Internet in equine practice, in Proceedings: Ontario Veterinary Medical Association. 255-260;1998.
37. **Dascanio JJ**, Bailey TL, Parker NA, Ley WB, Purswell BJ. Culture and characterization of equine endometrial epithelial and stromal cells, in Proceedings: Society for Theriogenology. 162;1998.
38. Ley WB, Bowen JM, Purswell BJ, Parker NA, **Dascanio JJ**, Bailey TL. A new technique for determining uterine tube patency in the mare, in Proceedings. 9th Annual Research Symposium. 23;1997.
39. Bailey TL, Gwazdauskas F, Robertson J, Parker NA, **Dascanio JJ**, Walker WL. Classification of ovarian histology following ultrasound-guided transvaginal follicular aspiration in 8 adult Holstein cows. 9th Annual Research Symposium. 26;1997.
40. Buechner-Maxwell VA, Crisman MV, Scarratt WK, **Dascanio JJ**, Robertson J. Methods for evaluating equine lymphocyte blastogenic activity. 9th Annual Research Symposium. 19;1997.
41. **Dascanio JJ**, Ley WB, Bowen JB. How to perform and interpret uterine cytology, in Proceedings: Am Assoc of Eq Pract. 43:182-186;1997.
42. Hoffman RM, Kronfeld DS, Lawrence LA, Cooper WL, **Dascanio JJ**, Harris PA. Dietary starch and sugar versus fat and fiber: Growth and development of foals. International Conference on Foal Growth. Hannover, Germany. May 1996.
43. **Dascanio JJ**, Parker N, Ley WB, Warnick LD, Sponenberg DP. The effect of magnesium sulfate on the equine endometrium. Town & Country Call (Virginia Veterinary Medical Association). 23:5;1996.

44. **Dascanio JJ**, Parker NA, Ley WB, Warnick LD, Sponenberg DP. Effect of magnesium sulfate on the equine endometrium. 8th Annual Research Symposium, Virginia-Maryland Regional College of Veterinary Medicine. 22;1996.
45. **Dascanio JJ**, Parker N, Ley WB, Warnick LD, Sponenberg DP. Effect of magnesium sulfate on the equine endometrium, in Proceedings: Am Assoc Eq Pract. 42:148-149;1996.
46. **Dascanio JJ**, Ley WB, Warnick LD, Austin SA. Effect of Temperature, total milk solids, milk fat, milk lactose, and milk protein on the prediction of equine colostral immunoglobulin from specific gravity, in Proceedings: Am Assoc Eq Pract. Lexington, KY. 41:15-17;1995.
47. **Dascanio JJ**. Accessing information on the Internet, in Proceedings: Am Assoc Eq Pract. 41:71-72;1995.
48. **Dascanio JJ**, Thatcher CD, Shires PK, Croft R, Baker JE. Equine Nutrition Curriculum Initiative Computer Case Simulation Program. 7th Annual Research Symposium Proceedings, Virginia-Maryland Regional College of Veterinary Medicine. 21;1995.
49. Shires PK, **Dascanio JJ**, Croft R, Baker JE, Wilke J, Moon MM, Jacobson J, Dyer K. Case based problem solving on the computer. 7th Annual Research Symposium. 22;1995.
50. **Dascanio JJ**, Mechor GD, Grohn YT, Kenney DG, Booker CA, Thompson P, Chiffelle CL, Musser JMM, and Warnick LD. Effect of phenylbutazone and flunixin meglumine on clinical acute toxic mastitis in dairy cows, in Proceedings: Am Assoc Bov Pract. 27:234;1994.
51. Zhang CH, Antczak DF, **Dascanio JJ**, and Blue JT. Equine leukemias with T cell or B cell phenotype characterized by monoclonal antibodies to equine lymphocyte surface markers. 6th International Conference on Equine Infectious Diseases. 1991.

Adult and Continued Education Activity:

Professional:

1. Dascanio JJ. Item writing workshop. Society for Theriogenology. Fort Collins, CO. August 2017.
2. Dascanio JJ, French H. Development of core Theriogenology competencies. Society for Theriogenology. Fort Collins, CO. August 2017.
3. Dascanio JJ. Estrous/embryo transfer. Southern States Advanced Feedmaster Program. Richmond, VA. February 2016.
4. Dascanio JJ. Fetal sexing/parturition/foaling complications. Southern States Advanced Feedmaster Program. Richmond, VA. February 2016.
5. Dascanio JJ. High-risk pregnancy evaluation of the mare. Northeast Association of Equine Practitioners. Pittsburgh, PA. September 2015.
6. Dascanio JJ. Mare breeding soundness examination laboratory. Northeast Association of Equine Practitioners. Pittsburgh, PA.

- September 2015.
7. Dascanio JJ. The infertile mare: What can I do? Virginia Veterinary Medical Association Annual Meeting. Roanoke, VA. February 2015.
 8. Dascanio JJ. Making Reproductive Research Practical. Roanoke, VA. February 2015.
 9. Dascanio JJ. Equine reproductive literature review. Northeast Association of Equine Practitioners annual meeting. Norfolk, VA. September 2014.
 10. Dascanio JJ. Cranky Pants: What is up with that mare's hormones? Technician program: Northeast Association of Equine Practitioners annual meeting. Norfolk, VA. September 2014.
 11. Dascanio JJ, Bauman E, Pederson D, Knight A, Adams R. Poster: Creation of a model for teaching bovine obstetrics using 3-D printing technology. 1st Annual DeVry Education and Scientific Seminar. St Martin, West Indies. November 2013.
 12. Dascanio JJ. Options for antibiotic treatment for reproductive problems in mares. Northeast Association of Equine Practitioners. Pittsburgh, PA. September 2012.
 13. Dascanio JJ. Panel discussion: Managing infectious diseases. Northeast Association of Equine Practitioners. Pittsburgh, PA. September 2012.
 14. Dascanio JJ. Current topics in equine reproduction. Annual meeting of the Virginia Veterinary Medical Association. Roanoke, VA. February 2012.
 15. Dascanio JJ. How and when to treat equine endometritis with systemic or local antibiotics. Annual meeting of the American Association of Equine Practitioners. San Antonio, TX. 2011.
 16. Dascanio JJ. Mare anatomy and physiology. 14th Annual American Board of Veterinary Practitioners Symposium. Austin, TX, April 2009.
 17. Dascanio JJ. Stallion anatomy and physiology. 14th Annual American Board of Veterinary Practitioners Symposium. Austin, TX, April 2009.
 18. Dascanio JJ. Hormonal manipulation of the mare. 14th Annual American Board of Veterinary Practitioners Symposium. Austin, TX, April 2009.
 19. Dascanio JJ. Infertility in the mare. 14th Annual American Board of Veterinary Practitioners Symposium. Austin, TX, April 2009.
 20. Dascanio JJ. Evaluation of the high-risk pregnant mare. 14th Annual American Board of Veterinary Practitioners Symposium. Austin, TX, April 2009.
 21. Dascanio JJ. Advanced reproductive techniques. 14th Annual American Board of Veterinary Practitioners Symposium. Austin, TX, April 2009.
 22. Dascanio JJ, Ultrasound evaluation of the pregnant alpaca, Alpaca Neonatal Training Seminar, Blacksburg, VA, March 2008.
 23. Dascanio JJ. Ultrasound Imaging of the pregnant mare. 2008 Equine Reproduction Forum. Warrenton, VA, February 2008.

24. Dascanio JJ. What's new in equine reproduction. 2008 Equine Reproduction Forum. Warrenton, VA, February 2008.
25. Dascanio JJ. Camelid reproduction. 2007 Virginia Veterinary Medical Association Annual Meeting. Roanoke, VA. February 2007.
26. Dascanio JJ. Breeding with frozen semen. 2007 Equine Reproduction Forum for Veterinarians. Warrenton, VA. February 2007.
27. Dascanio JJ. What's new in equine reproduction. 2007 Equine Reproduction Forum for Veterinarians. Warrenton, VA. February 2007.
28. Dascanio JJ, Erskine M. Certification workshop for the American Board of Veterinary Practitioners, Equine at the American Association of Equine Practitioners meeting. Seattle, WA. December 2005.
29. Dascanio JJ. Image management for veterinary practice. Southwest Virginia Veterinary Medical Association. Christiansburg, VA. December 2003.
30. Dascanio JJ, McPherson M. Mare Reproduction sunrise session. 48th Annual Convention of the Am Assoc Eq Pract. Orlando, FL. December 2002.
31. Dascanio JJ, McPherson M. Mare Reproduction sunrise session. 47th Annual Convention of the Am Assoc Eq Pract. San Diego, CA. December 2001.
32. Dascanio JJ. Computer Informatics. 46th Annual Convention of the Am Assoc Eq Pract. San Antonio, TX. November 2000.
33. Dascanio JJ. New topics in equine reproduction. Blue Ridge Vet Med Assoc. Staunton, VA. May 9, 2000.
34. Dascanio JJ. A World Wide Web site for basic equine practice management information. Annual Convention Am Vet Med Assoc. New Orleans, LA. 1999.
35. Dascanio JJ. E-mail basics. Annual Convention Am Vet Med Assoc. New Orleans, LA. 1999.
36. Dascanio JJ. Advances in equine reproduction. Am Vet Med Assoc student symposium. Blacksburg, VA. 2000.
37. Dascanio JJ. Dental examination and problem solving challenge concerning equine osteochondritis desicans and equine abortion. Am Vet Med Assoc student symposium. Blacksburg, VA. 2000.
38. Dascanio JJ. Mare breeding soundness examination. Student Am Assoc Eq Pract Symposium. Blacksburg, VA. February 27, 1999.
39. Dascanio JJ. E-mail and listserv management. 44th Annual Convention of the Am Assoc Eq Pract. Baltimore, MD. December 1998.
40. Dascanio JJ. How to make practical use of the Internet and e-mail for the equine practitioner. 113th Annual Maryland Vet Med Assoc annual meeting. Ellicot City, MD. November 1998.
41. Dascanio JJ. Breeding with transported semen. 113th Annual Maryland Veterinary Medical Association annual meeting, Ellicot City, MD. November 1998.
42. Dascanio JJ. Equine E-mail and listserv management. Am Assoc Eq Pract Practice Management Seminar. Keystone, CO. August 1998.

43. Dascanio JJ. Selected topics in equine reproduction. Delaware Veterinary Medical Association annual meeting. Dover, DE. April 1998.
44. Dascanio JJ. Use of the Internet in equine practice. Delaware Veterinary Medical Association annual meeting. Dover, DE. April 1998.
45. Dascanio JJ. Intracytoplasmic Sperm Injection. Food Animal Practitioners' Club Symposium. Blacksburg, VA. March 1998.
46. Dascanio JJ. The Internet in equine practice. Ontario Veterinary Medical Association. Toronto, Canada. January 1998.
47. Dascanio JJ. Current concepts in the diagnosis and treatment of equine endometrial disorders. Ontario Veterinary Medical Association. Toronto, Canada. January 1998.
48. Dascanio JJ. American College of Veterinary Nutrition Curriculum Workshop. Presented laboratory to veterinarians involving nutrition computer case simulation programs. The multimedia programs were presented on both Macintosh[®] and PC compatible computer platforms. St. Louis, Missouri. June 1995-1998.
49. Dascanio JJ, Palmer S. CD ROM and other continuing education materials available on the computer. 43rd Annual Convention of the American Association of Equine Practitioners. Phoenix, AZ. December 1997.
50. Dascanio JJ. AAEP World Wide Web home page review and new equine web sites. 43rd Annual Convention of the Am Assoc Eq Pract. Phoenix, AZ. December 1997.
51. Dascanio JJ. Breakfast.com - Internet for the equine practitioner. Am Assoc Eq Pract Practice Management Seminar. Saratoga, NY. July 1997.
52. Dascanio JJ. Accessing information from the Internet. Food Animal Practitioners' Club Symposium. Blacksburg, VA. March 1997.
53. Dascanio JJ. Accessing information from the Internet. Annual Meeting Virginia Vet Med Assoc. Norfolk, VA. February 1997.
54. Dascanio JJ. The World Wide Web - finding Internet information useful to the equine practitioner. 42nd Annual Convention of the Am Assoc Eq Pract. Denver, CO. December 1996.
55. Dascanio JJ. Equine pituitary dysfunction. Equine Problem Solving Series for veterinarians, Virginia-Maryland Regional College of Veterinary Medicine. April 1996.
56. Dascanio JJ. Penile hematoma in the stallion and uterine cytology. Equine Reproduction short course for veterinarians, Virginia-Maryland Regional College of Veterinary Medicine. February 1996.
57. Dascanio JJ. Equine Endometrosis. Equine Problem Solving Series for veterinarians, Virginia-Maryland Regional College of Veterinary Medicine. January 1996.
58. Dascanio JJ. Use of computers in bovine practice. Food Animal Practitioner's Club Symposium. Blacksburg, VA. November 1993.

Non-Professional:

1. Equine reproduction update. Educational Sunday – Southwest Virginia Dressage Association. Blacksburg, VA. February 2007.
2. Conformation, unsoundness and diagnostics in the horse. Junior Vet day, Tekoa horse program. Blacksburg, VA. March 2006.
3. Llama and alpaca reproduction. Food animal practitioner's club Fall short course. Blacksburg, VA. October 2005.
4. First aid for the horse. Educational Sunday – Southwest Virginia Dressage Association. Blacksburg, VA. February 2005.
5. Equine Denistry. Equine Field Service Tuesday night talks. Blacksburg, VA. January 2005.
6. Prepurchase 101. Educational Sunday – Southwest Virginia Dressage Association. Blacksburg, VA. February 2004.
7. What's new in veterinary medicine. Educational Sunday – Southwest Virginia Dressage Association. Blacksburg, VA. February 2004.
8. Emergency Care. 5th Annual Lynchburg Area Horse Forum. Lynchburg, VA. March 2004.
9. 2002 Governor's School for Agriculture – Lecture and lab on equine reproduction. Blacksburg, VA. July 2002.
10. Emergency Care and First Aid. Second annual Lynchburg Area Horse Forum. Lynchburg, VA. March 31, 2001.
11. Emerging diseases and new treatments. Southwest Virginia Dressage Association. Blacksburg, VA. February 25, 2001.
12. Wound Management. Equine Science University 2001. Lexington, VA. February 17, 2001.
13. Diagnosis of equine lameness. 4-H Horse Judging Clinic. Blacksburg, VA. February 3, 2001.
14. Vaccination, deworming programs, nutrition and emergency care of the horse. 1st Annual Lynchburg Area Horse Forum. Lynchburg, VA. March 4, 2000.
15. Breeding the older mare. Southwest Virginia Arabian Horse Assoc Meeting. Salem, VA. December 1999.
16. Thermography and first aid. 4-H Horsemasters program. Lexington, VA. June 24, 1999.
17. Equine Trailer Accidents. Carroll County Large Animal Rescue Team Training Seminar. Hillsville, VA. August 27, 1998.
18. Assisted reproductive technology in the mare. Southwest Virginia Dressage Association annual meeting. Blacksburg, VA. February 22, 1998.
19. Collection of the stallion and breeding the mare. Virginia 4-H Horse Masters School. Lexington, VA. July 15, 1997.
20. Use of frozen semen in equine breeding programs. Annual meeting. Southwest Virginia Dressage Association. Blacksburg, VA. February 16, 1997.
21. Equine Nutritional Management and Disease. Southwest Virginia Dressage Association. Blacksburg, VA. February 25, 1996.

22. Equine Preventative Health Programs. Grayson County Horse Management Seminar. Independence, VA. February 13, 1996.
23. Equine Health Care. Festival of Horses. Willis, VA. April 29, 1995.
24. Equine Emergency Care. Virginia 4-H Horse Masters School. Virginia Horse Center, Lexington, VA. July 20, 1995.
25. Bandaging of Large Animal Patients. Veterinary Technician Certification Program. Virginia-Maryland Regional College of Veterinary Medicine. April 3, 1995.
26. Psychology and restraint of the equine accident patient. 2nd Annual Virginia Tech Horse Conference and Large Animal Trailer Rescue and First Aid Conference. Blacksburg, VA. March 19, 1995.
27. Treatment of Acute Toxic Mastitis. Milking Management and Mastitis Control Cow College. Animal Science Department, Blacksburg, VA. February 14, 1995.
28. Clinical case presentation moderator to a panel of veterinarians and farriers. Fifth Equine Lower Limb Symposium. Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA. February 11, 1995.
29. Wound Management. Augusta County Horse Seminar. Verona, VA. December 17, 1994.
30. First Aid for Equine Emergencies. Virginia Horse Council's Convention and Annual Meeting. Organized by the Virginia Cooperative Extension Office. Richmond, VA. March 19, 1994.
31. Reproductive emergencies. 1st Annual Virginia Tech Horse Conference. Blacksburg, VA. February 5, 1994.
32. Equine Anatomy. Virginia-Maryland Regional College of Veterinary Medicine In-Service Training and Certification Course, Virginia Tech. October 4, 1993.

Sponsored Research and Other Grant Applications and Awards:

Funded Projects as Principal Investigator (Total \$256,760.18):

1. Cultural Competence Training in Rural Appalachia for Communication Educators.
Authors: Dascanio J.
Source: American Veterinary Educator Grant
Total: \$1000.00 (2017)
2. Compatibility of Hemsol with canine semen for room temperature shipping of semen.
Authors: Dascanio J, Johnson J, Christmann U, Williamson J
Source: Hememix Biotechnologies, Inc.
Total: \$1,500.00 (2015)
3. Development of a 3D printed calf leg as an aid to teach bovine obstetrics.
Authors: Dascanio JJ, Bauman E, Pederson D, Knight A, Adams R
Source: Ross University Intramural Grant.
Total: \$5,000.00 (2014)

4. Evaluation of two different approaches to teaching bovine palpation per rectum to veterinary students.
Authors: Dascanio JJ, Roberson J, Robinson J, French H.
Source: Ross University Intramural Grant.
Total: \$3,200 (2013 - 2014)
5. Characterization of suspected testicular lesions in Ross University surgery rams.
Authors: Dascanio JJ, Roberson J, Arauz M.
Source: Ross University Intramural Grant.
Total: \$15,600 (2013 - 2015)
6. Efficacy of a gonadotropin-releasing hormone (GnRH) vaccine (GonaCon™), on reproductive function in female vervet monkeys (*Chlorocebus aethiops*).
Authors: Dascanio JJ, Johnson J, Dore K, Miller L.
Source: Ross University Intramural Grant.
Total: \$40,000 (2012 - 2015)
7. Stallion Service Auction.
Authors: Dascanio JJ
Source: On-line stallion auction.
Total: \$12,000.00 (2006 - 2010)
8. Gene Expression in the uterus of normal and delayed uterine clearance mares.
Authors: Dascanio JJ
Source: Virginia Horse Racing Industry Fund.
Total: \$24,650.00 (2004 - 2008)
9. Endometrial gene expression in normal mares and mares with delayed uterine clearance.
Authors: Dascanio JJ, Gray A, Crisman M, Purswell B, Eyestone W.
Source: Patricia Stuart Equine Research Fund.
Total: \$6,500.00 (2004 - 2006)
10. Application of gene array technology in the examination of mare infertility.
Authors: Dascanio JJ.
Source: Virginia Horse Racing Industry Fund.
Total: \$15,500.00 (2003 - 2004)
11. Clinical Field Trial on the effectiveness of an equine anthelmintic.
Authors: Dascanio JJ, Witonsky S, Palmer W.
Source: Phoenix Scientific, Inc.
Total: \$24,212.18 (2003 - 2004)
12. Localization of platelet activating factor (PAF) receptors on stallion spermatozoa and enhancing sperm function using PAF.
Authors: Dascanio JJ, Odeh A.
Source: Patricia Bonsal Stuart Awards for Equine Studies.
Total: \$8,500.00 (2000 - 2002)
13. Characterization of urospermia in the stallion.
Authors: Dascanio JJ, Witonsky S, Palmer W.
Source: Clinical Research Grant
Total: \$2,050.00 (2001 - 2002)
14. Characterization of urospermia in the stallion.
Authors: Dascanio JJ, Keyes L, Witonsky S, Palmer W.

- Source: Minority Academic Opportunities Program.
Total: \$1,000.00 (2001 - 2002)
15. Oocyte transfer in the mare.
Authors: Dascanio JJ.
Source: Special grant from Graduate Studies Office.
Total: \$950.00 (2001)
16. Acquisition of a computer assisted sperm analysis system for the CREATE laboratory at Virginia Tech.
Authors: Dascanio JJ, Ley WB.
Source: Virginia Horse Industry Board.
Total: \$5,000.00 (2000)
18. Evaluation of the motility of frozen-thawed equine semen after the addition of Kenny's extender, seminal plasma, or prostasome rich seminal ultrafiltrate.
Authors: Dascanio JJ, Digrassie W.
Source: Minority Academic Opportunities Program.
Total: \$1,000.00 (2000)
19. Creation of an on-line equine practice management course.
Authors: Dascanio JJ, Ley WB, Moll HD, Carroll J
Source: Center for Innovation in Learning.
Total: \$12,000.00 (1998 - 1999)
20. Characterization of endothelin receptors in the equine uterus.
Authors: Dascanio JJ, Parker N, Baily T, Eng L
Source: Companion Animal and Human Disease Models Research Focus Unit.
Total: \$5,000.00 (1998 - 1999)
21. The development of small animal nutrition computer case simulation programs for the American College of Veterinary Nutrition.
Authors: Dascanio JJ, Thatcher CD, Shires PK.
Source: Ralston-Purina Company, St. Louis, MO.
Total: \$38,295.00 (1996 - 1998)
As part of this grant I have established a service laboratory to convert text written nutritional problems into multimedia computer cases.
22. Isolation, culture, and characterization of equine endometrial epithelial cells.
Authors: Dascanio JJ, Bailey TL, Parker N, Austin SA, Purswell BJ.
Source: Animal Health and Disease grant, United States Department of Agriculture.
Total: \$11,995.00 (1996 - 1998)
23. The development of an equine nutrition computer case simulation program for the American College of Veterinary Nutrition.
Authors: Dascanio JJ, Thatcher CD, Shires PK.
Source: Ralston-Purina Company, St. Louis, MO.
Total: \$13,310.00 (1994 - 1996)
24. Effect of a 2.7% magnesium sulfate solution on equine endometrial tissue.
Authors: Dascanio JJ, Parker N, Ley WB, Warnick LD, Sponenberg DP.
Source: Veterinary Memorial Fund - Virginia Veterinary Medical Association.
Total: \$1,900.00 (1994 - 1995)

25. Effect of temperature, total milk solids, milk fat, and milk protein on equine colostrum specific gravity.
 Authors: Dascanio JJ, Ley WB, Austin SA.
 Source: New Initiative Grants - Virginia-Maryland Regional College of Veterinary Medicine.
 Total: \$1,598.00 (1993 - 1994)
26. Establishment of a continuing education computer server.
 Authors: Dascanio JJ, Thatcher CD.
 Source: Virginia-Maryland Regional College of Veterinary Medicine.
 Total: \$5,000.00 (funded 1993 - 1994)

Funded Projects as Co-Investigator (Total \$333,805.00):

1. Comparison of lipidomics between equine, canine and bovine semen.
 Authors: Wood P, Dascanio J, Cecere J, Roberson J
 Source: LMU CVM internal grant.
 Total: funding pending
2. Equine phlebotomy model development.
 Authors: Williamson J, Dascanio J.
 Source: LMU CVM internal grant.
 Total: \$2000.00 (2015 - 2016)
3. Mechanisms of Suppressed in vitro PMA/I proliferation in EPM Affected Horses.
 Authors: Witonsky S, Lindsay D, Gogal R, Maxwell V, Dascanio J, Ellison S.
 Source: Virginia Horse Industry Board Grant.
 Total: \$3,000.00 (2007 - 2008)
4. The immunologic and serologic effects of the equine protozoal myeloencephalitis vaccine in horses.
 Authors: Witonsky S, Dascanio JJ, Palmer W, Maxwell V
 Source: Virginia Horse Industry Board.
 Total: \$3,500.00 (2002 - 2003)
5. Predicting the time of parturition in pregnant ewes based on calcium carbonate levels in prepartum mammary secretions.
 Authors: Pelzer K, Dascanio JJ
 Source: Trimpi Funds.
 Total: \$1,330.00 (2001- 2002)
6. Specialized training in advanced reproductive technologies.
 Authors: Ley WB, Bailey T, Purswell BJ, Dascanio JJ, Parker N, Bowen J.
 Source: ASPIRES grant.
 Total: \$17,618.00 (1999)
7. Interpretation of the detection of sarcocystis neurona specific antibodies in the serum of young horses.
 Authors: Buechner-Maxwell V, Cook AG, Dascanio JJ, Parker N, Lindsay D, Ley WB.
 Source: Virginia Veterinary Medical Association.
 Total: \$7,460.00 (1998 - 1999)

8. Interpretation of the detection of sarcocystis neurona specific antibodies in the serum of young horses.
Authors: Buechner-Maxwell V, Cook AG, Ley WB, Dascanio JJ, Parker N.
Source: Clinical Research Grant.
Total: \$2,790.00 (1998 - 1999)
9. Interpretation of the detection of sarcocystis neurona specific antibodies in the serum of young horses.
Authors: Buechner-Maxwell V, Cook AG, Dascanio JJ, Ley WB, Parker N, Lindsay D, Ward D.
Source: American Association of Equine Practitioners.
Total: \$5,940.00 (1998 - 1999)
10. Determination of alkaline phosphatase levels in the canine ejaculate and their relationship to fertility.
Authors: Parker N, Purswell BJ, Dascanio JJ
Source: Veterinary Memorial Fund.
Total: \$1,695.00 (1998 - 1999)
11. Xenogenic gamete Intrafallopian transfer of equine gametes.
Authors: Bailey TL, Ley WB, Dascanio JJ, Parker NA, Gwazdauskas F
Source: Bridge Grant – Virginia-Maryland Regional College of Veterinary Medicine.
Total: \$2,938.00 (1998 - 1999)
12. Virginia Maryland Regional College of Veterinary Medicine problem based group-learning modules.
Authors: Shires P, Turnwald G, Forrester D, Dascanio JJ, Roberson J.
Source: Transforming Instructional Space Grant.
Total: \$50,000.00 (1998 - 1999)
13. Implementation of video conferencing in the Virginia Maryland Regional College of Veterinary Medicine: Bridging distance barriers to enhance the professional and graduate curricula.
Authors: Murray M, Austin S, Dascanio JJ.
Source: New Initiative Grant.
Total: \$80,000.00 (1998 - 1999)
14. Assessment of embryo quality and viability post inhibin immunoneutralization in cycling mares.
Authors: Parker NA, Ley WB, Purswell BJ, Dascanio JJ, Digrassie W
Source: New Initiative Grant.
Total: \$4,330.00 (1997 - 1998)
15. Creation of the Center for Reproductive Excellence using Advanced Technologies and Endocrinology.
Authors: Ley WB, Bailey TL, Purswell BJ, Parker NA, Dascanio JJ, Saacke R, Gwazdauskas F
Source: SPIRES Grant.
Total: \$38,631.00 (1997 - 1998)
16. A Digital Information Resource Development Program for Agricultural Educators.
Authors: Shires PK, Dascanio JJ, Bender HS, Roberson JR, Taylor D.
Source: United States Department of Agriculture.

- Total: \$80,000.00 (1996 - 1998)
17. Pharyngeal mucosal immunity in foals which have suckled mares vaccinated with *Streptococcus equi* M-protein subunit vaccine.
Authors: Crisman MV, Karzenski S, Dascanio JJ, Buechner-Maxwell V, Austin SA, Timoney J.
Source: American Association of Equine Practitioners.
Total: \$5,193.00 (1996 - 1998)
 18. Equine tetanus anti-toxin field safety study.
Authors: Ley WB, Buechner-Maxwell V, Dascanio JJ, Austin S.
Source: Grand Laboratories.
Total: \$3,812.50 (1997)
 19. Pharyngeal mucosal immunity in foals which have suckled mares vaccinated with *Streptococcus equi* M-protein subunit vaccine.
Authors: Crisman MV, Karzenski S, Dascanio JJ, Buechner-Maxwell V, Austin SA, Timoney J.
Source: Clinical Research Grant, Virginia-Maryland Regional College of Veterinary Medicine.
Total: \$3,752.00 (1996 - 1997)
 20. The role of lymphocyte apoptosis in equine chronic obstructive pulmonary disease.
Authors: Buechner-Maxwell V, Ahmed AS, Dascanio JJ, Warnick LD.
Source: New Initiative Grant, Virginia-Maryland Regional College of Veterinary Medicine.
Total: \$5,065.50 (1996 - 1997)
 21. Technique for determining uterine tube patency in the mare.
Authors: Ley WB, Dascanio JJ, Parker N, Bailey TL, Purswell BJ, Bowen JM.
Source: Clinical Research Grant, Virginia-Maryland Regional College of Veterinary Medicine.
Total: \$3,930.00 (1996 - 1997)
 22. Observations on the pattern of arrested development of cyathostome nematode species in horses in Virginia.
Authors: Austin SA, Zajac AM, Dascanio JJ, Pleasant RS.
Source: New Initiative Grants - Virginia-Maryland Regional College of Veterinary Medicine.
Total: \$2,970.00 (1993 - 1995)
 23. Equine rhinopneumonitis-influenza vaccine killed virus field safety study.
Authors: Ley WB, Dascanio JJ, Austin SA.
Source: Solvay Animal Health Incorporated.
Total: \$7,850.00 (1995)

Graduate Committees:

Committee Chair

Anthony Gray, DVM. MS candidate. "Gene expression the uterus of normal and delayed uterine clearance mares." 2003 - 2006.

Awatef Odeh, PhD. "Identification of platelet activating factor (PAF) receptor in equine spermatozoa and its role in motility, capacitation and the acrosome reaction." 1999 - 2002.

Committee member

Jennifer Larson, DVM, MS. "Airway responses of normal horses fed square bale vs. round bale hay". 2009 - 2012.

Rochelle Lewis, BVSc . MS. "Mechanisms of Suppressed in vitro PMA/I proliferation in EPM Affected Horses" 2006 - 2009.

Marc Rainbow, DVM. MS. "Effects of systemic flunixin meglumine, topical tetracycline, and topical prednisolone on tear film proteinases in normal horses." 2001 - 2004.

Milan Hess, DVM, MS. "The effects of prostaglandin F2alpha, oxytocin, and gonadotropin releasing hormone on ejaculate characteristics in the dog." 1999 - 2002.

Anne Cook, DVM, MS. "Interpretation of the detection of sarcocystis neurona specific antibodies in the serum of young horses." 1998-2001.

Gemechu Wirtu, DVM, MS. "The ewe as a model for xenogeneic gamete intrafallopian fertilization studies." 1997 - 2000.

Stacey Karzenski, DVM, MS. "Passive Transfer of SeM-Specific Antibody to *Streptococcus equi* in Foals Born to Mares Immunized with an SeM Fragment Vaccine." 1995 - 1998.

College/University Committees:

Lincoln Memorial University:

Dean's Executive Committee – 2016 - present

CVM College Council – 2016 - present

CVM Outcomes and Assessment Committee – 2017 - present

CVM Curriculum Committee – 2016 - present

CVM Admissions Committee – 2014 - 2016, Chair

CVM Student Progress Committee – 2014 - 2016

LMU Institutional Effectiveness Committee – 2017 - present

LMU Academic Council – 2016 - present

LMU Teaching and Learning with Technology Roundtable – 2016 - present

Ross University:

Curriculum Committee – 2013 - 2014

IACUC Committee – 2012 - 2014

Conduct Board – 2014 - 2014

Faculty Association. President 2011 - 2012. Past-President 2012 - 2013.

Virginia Tech:

Curriculum Committee – Member 2000 - 2006. Member 2008 - 2010

VMRCVM Faculty Association. President 2006 - 2007, President elect 2005 - 2006.
College Advancement Committee. 2005.
Department Promotion and Tenure Committee Chair. 2004 - 2005.
Digital Radiography Committee. 2004.
College Awards Committee. 2003 - 2004.
Admissions and Standards Committee. Member 1997 - 2001.
Equine Section Chair – 1998 - 1999. Vice-Chair 1996 - 1998.
College Committee on Students with Parental Responsibilities. 1995.
Search Committee for Large Animal Internal Medicine Clinical Instructor. 1995.

Service to Professional Associations:

Northeast Association of Equine Practitioners. Executive Board Member, President 2014-2015, President elect 2013 - 2014, Vice President 2012 - 2013, Executive Board Member, Treasurer 2008 - 2012. www.neaep.net.
The American Board of Veterinary Practitioners. Board Member. 2010 - 2014. Vice-Chair, Credentials Committee. 1999 - 2005. Responsibilities on credentials committee include examination/scoring of applications for acceptance to sit boards. Co-ordinate distribution and scoring of case reports. Member, Credentials Committee. 1996 - 1998. Reviewed and scored case reports by applicants to sit for the American Board of Veterinary Practitioners examination.
American College of Theriogenologists. Executive Board Member, Treasurer 2015 - 2017. Nominations Committee. American College of Theriogenologists. 2010 - 2011.
Clinical Theriogenology. Editorial board member. 2015 - present.
Journal of Equine Veterinary Science. Editorial board member. 2009 - present.
Journal reviewer. Journal of the American Veterinary Medical Association. Theriogenology.
American Association of Equine Practitioners. Chair, Computer Applications Committee. Responsibilities include management of the AAEP web site and computer related continuing education at the yearly AAEP conference. AAEP database web site creation. 1997 - 2000.
Society for Theriogenology. Member, Student Liaison Committee. This committee strives to increase veterinary student awareness and membership to this organization. 1998 - 2000.
American Association of Equine Practitioners. Member, Research Committee. This committee awards funding each year totaling \$20,000.00 to equine related research proposals by resident and graduate student applicants. Each year approximately 10-15 proposals are evaluated for funding. 1995 - 1998.
American Association of Equine Practitioners. Member, Computer Applications Committee. This committee makes recommendations to the association concerning informatics related subjects. 1994 - 1997.

- Sub-committee co-chairman to look at development of a World Wide Web Home Page for the American Association of Equine Practitioners. 1995.
- Member of task force to look at the use of educational technologies in veterinary continuing education. 1994.
- Sub-committee co-chairman to look at digitizing the American Association of Equine Practitioners proceedings and materials onto CD-ROM. 1994.

Computer Instructional Programs:

- Dascanio JJ. Creation of Horse Reproduction website. www.horserepro.com 2008.
- Dascanio JJ. Creation of an Equine Private Practice Clerkship web site. <http://informatics4.vetmed.vt.edu/HostedSites/dascanio/EqClerks/EqPract.html> 1998.
- Dascanio JJ. Creation of a Large Animal Problem Solving elective web site. <http://education.vetmed.vt.edu/Education/Curriculum/VM8524/vm8524.html> 1998.
- Dascanio JJ. Creation of a uterine cytology interactive web site. <http://informatics4.vetmed.vt.edu/HostedSites/dascanio/Cytology/cytology.html> 1997-1998.
- Dascanio JJ. Creation of a mare parturition web site. Picked as the “site of the month” by Haynet.com. <http://informatics4.vetmed.vt.edu/HostedSites/dascanio/Parturition/parturitionhp.html> 1997-1998.
- Dascanio JJ. Equine Problem Solving Program I. A series of three Interactive multimedia programs were developed using Authorware Professional®. This auto tutorial program was designed for the Equine Problem Solving continuing education course offered to veterinarians. These programs presented various theriogenology cases for solution by private practitioners. 1996.
- Dascanio JJ. Equine Problem Solving Program II. Interactive multimedia program developed using Authorware Professional®. This auto tutorial program was designed for the Equine Problem Solving continuing education course offered to veterinarians. The program presented a blind horse case for solution by private practitioners. 1996.
- Dascanio JJ. Equine Drug Database. Interactive multimedia program developed using Authorware Professional®. This auto tutorial program allows students to visualize the actual drug, drug dosage, and other pertinent drug information enabling students to become more aware of the proper use and function of drugs used in large animal practice. This program is made available to senior students during their rotation through Production Management Medicine’s Equine Field Service. 1995.
- Dascanio JJ. Large Animal Endocrinology. Interactive multimedia program developed using Authorware Professional®. The program was made available to veterinary students for home use on both Macintosh and PC

platforms. This program is also used during lecture for VM 8764 - Endocrinology. 1995-1996.

Dascanio JJ, Shires PK, Thatcher CD. Equine Case Simulation Program for teaching the American College of Veterinary Nutrition Equine Nutrition Modules. Interactive multimedia program developed using Authorware Professional®. Students can obtain history on cases, perform physical examinations, diagnostic tests, formulate a differential diagnosis list, and implement treatment. Programming has been completed and entry and review of case material is almost complete. This program will also be used in the development of VM 8524 - Clinical Problem Solving Large Animal. 1994-1996.

Didactic Instruction:

Lincoln Memorial University College of Veterinary Medicine 2014 to present

Professional Courses:

CVM 715 Clinical Skills I (course leader)
CVM 725 Clinical Skills II (course leader)
CVM 735 Clinical Skills III
CVM 745 Clinical Skills IV
CVM 755 Clinical Skills V
CVM 765 Clinical Skills VI
CVM 742 Theriogenology (course leader)
CVM 741 Clinical Pharmacology (Equine Drugs)
CVM 736 Veterinary Nutrition (Equine Nutrition)

Ross University School of Veterinary Medicine 2011 to 2014

Professional Courses:

VPP 5131 Animal Nutrition with laboratory (course leader, Equine Nutrition)
VMS 5775 Theriogenology with laboratory (course leader)
VMS 5783 Intro to Clinics II with laboratory (course leader for Theriogenology part)
VMS 5690 Large Animal Medicine (Ophthalmology and Preventative Medicine)
VMS 5581 Intro to Clinics I with laboratory

Virginia Maryland Regional College of Veterinary Medicine 1993-2010

Undergraduate Courses:

AT 0334 Principles of Animal Health
AT 0624 Horse Management,

AT 0984 Principles of Animal Disease.
APSC 2424 Introduction to the Equine Industry
APSC 2724 Equine Training
APSC 3724 Principles of Equine Evaluation
ALS 4304 Physiology of Reproduction
APSC 4424 Horse Production and Management

Professional Courses:

VM 8074 Veterinary Large Animal Husbandry
VM 8094 Clinical Perspectives
VM 8144 Ethology and the Human-Animal Bond
VM 8224 Equine Husbandry
VM 8354 Clinical Techniques
VM 8374 Fundamentals of Theriogenology
VM 8514/VMS6514 Equine Theriogenology I (course leader)
VM 8524 Large Animal Clinical Problem Solving (course leader)
VM 8554 General Veterinary Medicine
VM 8634 Theriogenology
VM 8696 Eq Medicine/Surgery 2
VM 8734 Population Medicine
VM 8764 Clinical Endocrinology
VM 9124 Equine Theriogenology II (course leader)

Professional Clerkships:

VM 8984 Special topics in equine theriogenology/neonatology clerkship
elective
VM 9534 Production Management Medicine
VM 9574 Production Management Medicine Elective
VM 9604 Small Ruminant/Pseudoruminant Elective
VM 9814 Equine Private Practice Clerkship (clerkship leader)
VM 9594 Theriogenology Elective
VM 9834 Equine Theriogenology Clerkship (clerkship leader)

Graduate Courses:

VM 5508 Current Topics in Theriogenology
VM 5944 Seminar in Veterinary Medical Sciences
VMS 6534 Mechanisms of Disease in Veterinary Medicine: Urogenital
System (co-course leader)

St. Matthew's University on Grand Cayman Island 2008-2010

Equine and Small Animal Theriogenology – Provide 29 hrs of lectures/lab to
6th semester veterinary students during a 2 week visit, 3 times per year.