
**AUBURN UNIVERSITY
COLLEGE OF VETERINARY
MEDICINE**



BIOMEDICAL SCIENCES

**THESIS / DISSERTATION LISTING
FROM 1932 - PRESENT**

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|---|----------------------------------|---|---|--------|
| 1932 | Unknown | Moore, Mildred | Unknown | The Bacteriostatic Effect of Certain Dyes on the Species of the Genus Brucella. | MS |
| 1932 | Unknown | Moore, Miriam | Unknown | The Bacteriostatic Effect of Certain Dyes on Escherichia Coli, Salmonella Pullorum, and Eberthella Typhi. | MS |
| 1933 | Unknown | Wallace, Wyeth Stephens | Unknown | Bacteriology of Several Water Supplies Found in Lee County, Alabama. | MS |
| 1936 | Unknown | Duncan, Josephine Dunning | Unknown | The Growth of Mycobacterium Paratuberculosis. | MS |
| 1939 | Pathology | Greene, James Etheridge | Unknown | An Immunological Study of Canine Hematoza. | MS |
| 1939 | Pathology | Moore, Martha Eugenia Rutland | Unknown | The Helminth Parasites of Cottontail Rabbits in the Vicinity of Auburn, Alabama. | MS |
| 1940 | Anatomy | Mundhenk, Russell Lowell | Unknown | A Study of the Normal Adult Canine Hemogram. | MS |
| 1941 | Pathology | Woolf, Frank Perry | Unknown | The Length of Time that Larvae of Equine Strongylus Survive in Pastures Under Natural Conditions. | MS |
| 1942 | Bacteriology | MacNamee, James Kelly | Unknown | The Presence of Thermocuric Bacteria in Pasteurized Milk. | MS |
| 1944 | Anatomy and Histology | Davis, Maud McCall | Unknown | The Histology and Hemopoietic Activity of the Spleen; A Comparative Study in Domestic Animals. | MS |
| 1946 | Pathology and Parasitology | Bailey, Wilford Sherrill | Unknown | Observations on the Life History of Cooperia Punctata (v. Linstow, 1907) Ransom, 1907, a Nematode Parasite of Cattle. | MS |
| 1951 | Large Animal Surgery and Medicine | Attleberger, Marie Hall | Walter J. Gibbons and Armin A. Leibold | A Study of the Bacterial Flora of Alabama Dairy Cattle before and After Treatment with Aureomycin. | MS |
| 1951 | Pathology | Newberne, Paul Medford | Charles S. Roberts | The Anatomy and Physiology of the Normal and the Fur-Chewing Chinchilla . | MS |

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| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--|-------------------------------|--|--|--------|
| 1951 | Pathology | Larsen, Aubrey Bartholomew | Dale A. Porter and Armin A. Leibold | Evaluation of Tuberculin Fractions and Johnin on Sensitized Guinea Pigs and Goats. | MS |
| 1952 | Pathology and Parasitology | Shelton, George Calvin | Wilford S. Bailey | A Study of Giardiasis in the Chinchilla. | MS |
| 1952 | Pathology | Vardaman, Thomas Hubert | Armin A. Leibold and Dale A. Porter | The Effect of Various Chemical Agents on the Viability of Mycobacterium Paratuberculosis in Vitro. | MS |
| 1954 | Pathology | Newberne, James Wilson | Herman R. Seibold | Studies on the Pathology of Leucocytozoon Simondi and Leucocytozoon Smithi Infections. | MS |
| 1957 | Pathology | Turner, Leon Walker | Charles S. Roberts and Ribelin | Experimental Leptospirosis in the Chinchilla (Chinchilla laniger) . | MS |
| 1958 | Small Animal Surgery and Medicine | Hobson, Howard Philip | Benjamin F. Hoerlein | Angiocardiography of the Canine Infected with Dirofilaria immitis. | MS |
| 1958 | Anatomy, Physiology and Pharmacology | Morgan, Horace C. Jr. | Carl H. Clark | A Comparison of Selected Liver Function Tests for Use in Veterinary Medicine . | MS |
| 1959 | Physiology and Pharmacology | Shields, Robert Pierce | Carl H. Clark | A Comparison of Serum and Bone Alkaline Phosphatase Activity of Normal Dogs to that of Dogs with Hypertrophic Pulmonary Osteoarthropathy. | MS |
| 1959 | Small Animal Surgery and Medicine | Wilcox, Howard Stuckey | Benjamin F. Hoerlein | Removal of Dirofilaria immitis by Pulmonary Arteriotomy in the Dog. | MS |
| 1959 | Physiology and Pharmacology | Woodley, Charles H. | Carl H. Clark | The Effects of Transfusion Methods and Donor Age on the Life Span of Red Blood Cells in Young Dogs. | MS |

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| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|----------------------------|------------------------|---|--------|
| 1959 | Small Animal Surgery and Medicine | Hayes, Frank Alfred Jr. | Benjamin F. Hoerlein | A Preliminary Investigation to Determine the Practical Application of Keratoplasty for Canine Patients. | MS |
| 1960 | Anatomy and Histology | Durr, John L. | James E. Greene | An Experimental and Clinical Study of Toggle Pin Fixation of Recurrent Coxogemoral Luxation in the Dog. | MS |
| 1961 | Bacteriology | Crawford, Richard Paul Jr. | James E. Neal | A Comparison of the Results of a Macroscopic Plate Test and Macroscopic Latex Tube Test with the Results of the Agglutination Lysis Test for the Serological Diagnosis of Bovine Leptospirosis. | MS |
| 1961 | Small Animal Surgery and Medicine | Horne, Robert Dean | Benjamin F. Hoerlein | Clinical Evaluation of Pulmonary Arteriotomy for the Removal of <i>Dirofilaria Immitis</i> . | MS |
| 1961 | Physiology and Pharmacology | Kling, James Malcolm | Moore J. Burns | A Study of the Treatment of Pancreatic Insufficiency in the Canine. | MS |
| 1961 | Pathology and Parasitology | Lindsey, James Russell | Wilford S. Bailey | Some of the Factors Concerning Diagnosis of Canine Filariid Infections. | MS |
| 1962 | Physiology and Pharmacology | Farnell, Daniel R. | Moore J. Burns | The Effect of the Type of Dietary Protein and Carbohydrate on Cholesterol Metabolism. | MS |
| 1962 | Anatomy and Histology | Holloway, Clarke Lee | Theodore C. Fitzgerald | Macroscopic and Microscopic Anatomy of the Primary Olfactory Pathway of the Dog. | MS |
| 1962 | Physiology and Pharmacology | Robertson, Benjamin Thomas | Moore J. Burns | A Study of Zinc Metabolism and the Zinc-Deficiency Syndrome in the Dog. | MS |
| 1963 | Physiology and Pharmacology | Beckett, Sidney Dwayne | Moore J. Burns | The Effects of Acute Infectious Canine Hepatitis on the Serum Components of the Canine. | MS |

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| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|--------------------------|-------------------------------------|---|--------|
| 1963 | Anatomy and Histology | James, Charles Wesley | Theodore C. Fitzgerald | The Radiographic Anatomy of the Cerebral Arterial System of the Dog. | MS |
| 1963 | Pathology and Parasitology | Teer, Patricia Anne | Wilford S. Bailey | Toxic Hepatitis of the Dog Produced by Molds and Moldy Feed. | MS |
| 1963 | Bacteriology | Miller, William Robert | James E. Neal | The Occurrence and Geographic Distribution of Q Fever Antibodies in Milk from Alabama Dairy Cattle. | MS |
| 1963 | Large Animal Surgery and Medicine | Vaughn, John Thomas | Fred G. Schell | Evaluation of Diodrast-I 131 to Test Renal Function in the Equine. | MS |
| 1963 | Large Animal Surgery and Medicine | Williams, David John III | Walter J. Gibbons | Examination of Bovine Cervical Mucus for the Diagnosis of Early Pregnancy. | MS |
| 1963 | Small Animal Surgery and Medicine | Hoffer, Richard E. | Benjamin F. Hoerlein | Replacement of the Distal Thoracic Esophagus by Thoracic Relocation of the Stomach. | MS |
| 1964 | Pathology and Parasitology | Eubank, N. H. | Edwin J. Hoff and Wilford S. Bailey | The Histopathology of Esophageal Granuylomas and Sarcomas Associated with Spirocerca Lupi Infection in the Dog. | MS |
| 1964 | Pathology | Feldman, Roger Guy | Charles S. Roberts | The Histopathology of Observations on the Nature of Lymphoid Nodules in Porcine Livers. | MS |
| 1964 | Small Animal Surgery and Medicine | Few, Albert Braxton | Benjamin F. Hoerlein | A Study of the Clinical Signs and Necropsy Findings Resulting from Experimentally Produced Lesions in the Canine Brain. | MS |
| 1964 | Pathology and Parasitology | Gonzalez, Oswaldo Lozano | Edwin J. Hoff & Wilford S. Bailey | Pathogenesis of Canine Spirocercosis. | MS |

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| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|--------------------------|----------------------|--|--------|
| 1964 | Physiology and Pharmacology | Humburg, Jay M. | Carl H. Clark | A Comparison of Blood Urea and Urea Clearance Kidney Function Tests in the Equine Species. | MS |
| 1964 | Physiology and Pharmacology | Soeharsono, Sulaeman | Carl H. Clark | The Effects of Chlorpromazine on the Blood Protein Level During Shock in Adult Dogs. | MS |
| 1964 | Physiology and Pharmacology | Snow, Loran Martin | Moore J. Burns | The Effects of Infectious Canine Distemper on Certain Blood Components of the Dog. | MS |
| 1966 | Physiology and Pharmacology | Holloway, L. Shannon Jr. | Carl H. Clark | A Study of the Hemoglobin Variants in the Goat. | MS |
| 1966 | Physiology and Pharmacology | Mayo, Joseph G. | Moore J. Burns | The Effect of the Type and Amount of Dietary Fat on Cholesterol Metabolism in the Rat | MS |
| 1966 | Unknown | Monteith, Susan Campbell | Reynolds M. Cody | The Immunological Response in the Dog Associated with Spirocera Lupi Infection. | MS |
| 1966 | Small Animal Surgery and Medicine | Oliver, John E Jr. | Benjamin F. Hoerlein | Canine Cranial Surgery. | MS |
| 1966 | Large Animal Surgery and Medicine | Tijion, Joe Beng | Walter J. Gibbons | Studies on the Bovine Female Genital Organs. | MS |
| 1966 | Unknown | Widdowson, Walter L. | Unknown | The Effects of Chymopapain on the Normal and Clinically Protruded Intervertebral Disc and its Related Structures in the Dog (B. F. Hoerlein, Chm). | MS |
| 1967 | Small Animal Surgery and Medicine | Albert, Roosevelt A. Jr. | Benjamin F. Hoerlein | Canine Ventriculography and Encephalography. | MS |

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| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|------------------------|----------------------|--|--------|
| 1967 | Physiology and Pharmacology | Froe, Dreyfus L. II | Carl H. Clark | A Study of Hemoglobin Variants in Domestic Animals. | MS |
| 1967 | Unknown | Stott, George Goulding | R. D. Whiteford | Anatomy and Histology of the Female Genitalia of Coturnix Quail. | MS |
| 1968 | Physiology and Pharmacology | Cargill, Colin Frank | Robert P. Shields | Plasma Arginase as a Liver Function Test. | MS |
| 1968 | Small Animal Surgery and Medicine | Dorn, Albert Steven | Benjamin F. Hoerlein | Cerebral Angiography in the Dog; Methods, Interpretation and Clinical Application. | MS |
| 1968 | Small Animal Surgery and Medicine | Gage, Errol Dean | Benjamin F. Hoerlein | Canine Electroencephalography Using Acepromazine and Sodium Thiopental for Chemical Restraint. | MS |
| 1968 | Pathobiology | Gosser, Harvey Stephen | Aaron H. Groth, Jr. | The Use of Fluorescent Antibody Techniques to Detect the Presence and Location of Spirocerca Lupi Antigens in Esophageal Granulomas in Dogs. | MS |
| 1968 | Physiology and Pharmacology | Self, Karl Stanley | Moore J. Burns | The Effect of Taurine, Cystine, and Niacin on Cholesterol and Bile Acid Metabolism in Rabbits. | MS |
| 1969 | Physiology and Pharmacology | Jackson, James Albert | Moore J. Burns | The Evaluation of Cholestyramine as a Cholesterol-Reducing and Atherosclerosis Preventing Agent in Rabbits. | MS |
| 1969 | Physiology and Pharmacology | Robie, Norman William | Sidney D. Beckett | Effect of Uranium-Induced Nephrosis of the Flow and Composition of Renal Lymph in the Dog. | MS |
| 1968 | Physiology and Pharmacology | Spaulding, John Eugene | Charles H. Woodley | Investigation of DDT'S Toxicity in Tissue Culture. | MS |
| 1969 | Unknown | Smith, Roger Errol | Reynolds M. Cody | Nematocidal Activity of a Cyanogenic Chromobacterium Species. | MS |

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|----------------|-----------------------------------|-------------------------------|---|---|--------|
| 1969 | Pathology | Usher, Carlos Antonio Benitez | Gerald W. Benz | Experimental Parasitism of Cooperia Punctata in Calves. | MS |
| 1970 | Large Animal Surgery and Medicine | Gates, James Bruce Jr. | James A. Botta, Jr. & Walter J. Gibbons | A Study of Halothane Anesthesia in Cattle | MS |
| 1970 | Large Animal Surgery and Medicine | Hudson, Robert Summers | Walter J. Gibbons | Refractometric Determination of Bull Seminal Plasma Total Solids in the Evaluation of Breeding Soundness. | MS |
| 1970 | Large Animal Surgery and Medicine | McMullan, William Carlton | Walter J. Gibbons & James A. Botta, Jr. | The Influence of Atropine on Arterial Blood and respiration in Ponies During Halothane Anesthesia. | MS |
| 1970 | Physiology and Pharmacology | Parker, Marian Gay | Moore J. Burns | Glucagon Deficiency Studies. | MS |
| 1970 | Large Animal Surgery and Medicine | Prasad, Murli Manohar | Walter J. Gibbons | Studies on Conservation of Stallion Semen at Room Temperature. | MS |
| 1970 | Unknown | Roe, Beverly Ann | C. S. McCain | The Effect of Mutagenix Agents on the Sensitivity of Pseudomonas Aeruginosa. | MS |
| 1970 | Pathology | Smith, Paul Herbert | Charles S. Roberts | Pathologic Effects of Aflatoxins in Chickens. | MS |
| 1971 | Unknown | Leonard, John Lynn | Richard W. Redding | The Effects of Hypertonic Solutions on Cerebrospinal Fluid Pressure Within the Lateral Ventricle | MS |
| 1971 | Physiology and Pharmacology | Jackson, James Albert | Moore J. Burns | The Effect of Various Dietary Factors, Hyperbaric Pressure, and Photoperiodicity on the Serum and Liver Cholesterol Concentration of the Japanese Quail | PhD |
| 1971 | Unknown | Reynolds, Ted Marion | Clarke L. Holloway | The Angioarchitecture of the Crus Penis of the Goat. | MS |

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|----------------|-----------------------------------|-------------------------------|-----------------------------------|--|--------|
| 1971 | Large Animal Surgery | Scott, Edward A. | Walter J. Gibbons | Fracture Repair of the Equine Metacarpus Using Bone Plates. | MS |
| 1971 | Physiology and Pharmacology | Wright, James Stephen | Carl H. Clark | A Study of Instrumental Conditioned Reflexes of Mongrel Dogs Following Partial Ablation of the Motor Cortex | PhD |
| 1971 | Small Animal Surgery and Medicine | Swaim, Steven Francis | Benjamin F. Hoerlein | Peripheral Nerve Surgery in the Dog. | MS |
| 1972 | Radiology | Boring, Joseph Gregg | Jan E. Bartels | Renal Evaluation Following Filaricidal Therapy. | MS |
| 1972 | Unknown | Milton, James Lloyd | Robert D. Horne | A Comparison of Bone Healing with Intramedullary Pinning. Standard Plating and Compression Platin in Experimental Transverse Midshaft Femoral Fractures. | MS |
| 1972 | Pathology | Marquez, Nelson A. | Donald F. Walker & Gerald W. Benz | An Evaluation of Selected Techniques for the Diagnosis of Thrichomoniasis in Bulls. | MS |
| 1972 | Large Animal Surgery and Medicine | McCormack, John Edward | Walter J. Gibbons | Fundus Oculi Studies of the Ox. | MS |
| 1972 | Unknown | Shires, George Michael Hume | T. T. Kramer & Walter J. Gibbons | The Fluorescent Antibody Test in the Diagnosis of Bovine Vibriosis Using Cervicovaginal Mucus. | MS |
| 1972 | Physiology and Pharmacology | Smith, Elaine Francis | Moore J. Burns | The Effect of Cholestyramine Niacin and Taurine on Hypercholesteremia and Regression of Atherosclerotic Lesions in Rabbits. | MS |
| 1972 | Pathology | Soekardono, Soeprapto | Gerald W. Benz & J. V. Ernst | Redescription of the Life Cycle of the Bovine Coceiduum Eimeria Alabamensis Christensen, 1941. | MS |
| 1973 | Microbiology | Christenberry, Curtis Carlton | Marie H. Attleberger | An Evaluation of the Rapid Card Agglutination Test for Anaplasmosis in Field Diagnosis and Eradication Studies. | MS |

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|----------------|-----------------------------|--------------------------------|--------------------|--|--------|
| 1973 | Unknown | Merriam, Joseph Grafton | Jerry H. Johnson | Evaluation of Three Abductor Muscle Prosthetics in Equine Laryngoplasty. | MS |
| 1974 | Physiology and Pharmacology | Branch, Charles Evans | Sidney D. Beckett | A Spontaneous Animal Model for Syncopal Attacks and Sudden Death | PhD |
| 1974 | Physiology and Pharmacology | Britton, James Christopher III | Moore J. Burns | The Effect of Cholstyramine on Cholesteremia, Atherosclerosis and Lipoproteins in Rabbits. | MS |
| 1974 | Anatomy and Histology | Engel, Harold Nicholas Jr. | John S. McKibben | A Comparative Morphologic Study of the Cervical Autonomic Innervation in the Horse, Ox, Pig, and Dog. | MS |
| 1974 | Unknown | Kristensen, Birte | Larry J. Swango | Some Aspects of Immunological Protection Against Canine Adenoviral Respiratory Disease. | MS |
| 1974 | Pathobiology | Kristensen, Flemming | Patricia A. Teer | Comparison of Canine Immunoglobulins in a Modified Polyacrylamide Gel Electrophoresis and Agar Immuno-electrophoresis | MS |
| 1974 | Unknown | Nolen, Larry Lee | H. D. Giles | A Study of Trauma and Inoculation with Aspergillus Nidulans Conidia as Etiological Factors in Guttural Pouch Mycosis. | MS |
| 1974 | Physiology and Pharmacology | Purohit, Ram Chandra | Sidney D. Beckett | Penile Pressure and Muscle Activity Associated with Erection and Ejaculation in the Dog | PhD |
| 1974 | Unknown | Sims, Michael Henry | Richard W. Redding | The Effect of Dexamethasone on Experimental Cerebral Edema in Dogs. | PhD |
| 1975 | Physiology and Pharmacology | Canterberry, J. B. | Moore J. Burns | The Effects of Diuretics and Sodium Chloride on Artherosclerosis and Hypertension. | MS |
| 1975 | Physiology and Pharmacology | Miller, Michael Steven | Sidney D. Beckett | Overdrive Suppression of the Sinoatrial Node Due to Rapid Atrial Pacing in the Awake Adult Dog and Four to Six Week Old Pup. | MS |
| 1975 | Unknown | Rowe, Nancy Franklin | Richard W. Redding | Electromyographic Study of the Paraspinal Muscles of the Dog in Clinical Intervertebral Disc Disease. | MS |

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|----------------|-----------------------------------|------------------------|-----------------------------|--|--------|
| 1975 | Unknown | Rumph, Paul Frederick | John S. McKibben | An Osteology of the White-tailed Deer (<i>Odocoileus virginianus</i>). | MS |
| 1975 | Physiology and Pharmacology | Schachter, Ben-Lewis | Sidney D. Beckett | The Assessment of Baroreflex Sensitivity in the Conscious Canine Pup and Adult. | MS |
| 1975 | Microbiology | Tsai, Shaw-Chien | Larry J. Swango | Demonstration of Cell-mediated Immunity Against Transmissible Venereal Tumor in Dogs. | MS |
| 1975 | Pathology | Wheat, Bruce Edwin | Carl F. Dixon & J. Ernst | Ultrastructure of the Macrogamete of <i>Eimeria mivati</i> from the Domestic Chicken. | MS |
| 1976 | Small Animal Surgery and Medicine | Barsanti, Jeanne Ann | Gerald H. Hanks | Evaluation of Proteins in Serum and Urine in Dogs Infected with <i>Dirofilaria immitis</i> . | MS |
| 1976 | Physiology and Pharmacology | Boyd, Reginald Lee III | Carl H. Clark & G. McDaniel | Pulmonary Ventilation-Perfusion Relationships in the Domestic Fowl During Acute and Chronic Exposure to Hypoxia. | PhD |
| 1976 | Small Animal Surgery and Medicine | Bushby, Philip Asa | Gerald H. Hanks | Cryosurgery: A Clinical and Pathological Study--Cryosurgical Treatment of Perianal Fistulae. | MS |
| 1976 | Anatomy and Histology | Cartee, Robert Earl | John S. McKibben | The Post-Natal Ossification of the Appendicular Skeleton of the Guinea Pig. | MS |
| 1976 | Small Animal Surgery and Medicine | Dillon, Allen Ray | Gerald H. Hanks | Experimental Hemorrhage in Conscious Dogs: Effect of Prednisolone Sodium Succinate. | MS |
| 1976 | Large Animal Surgery and Medicine | Firth, Elwyn Clifton | J. T. Vaughn | Clinical Electroretinography in Horses. | MS |

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|----------------|-----------------------------------|------------------------------|---------------------|--|--------|
| 1976 | Small Animal Surgery and Medicine | Greene, Craig Evan | Steven F. Swaim | An Experimental Model for Spinal Cord Compression Simulating Intervertebral Disc Disease in the Dog. | MS |
| 1976 | Small Animal Surgery | Henderson, Ralph Aubrey Jr. | Robert D. Horne | Clinical Evaluation, Histology, and Biomechanics of a Porous Surface Anterior Cruciate Ligament Prosthesis | MS |
| 1976 | Physiology | Lazenby, Louis Raymond | R. F. Nachreiner | Hormone Levels in the Serum and Milk of Dairy Cows Induced to Lactation. | MS |
| 1976 | Physiology and Pharmacology | Pesti, Gene Michael | Moore J. Burns | Studies on the Enteric Absorption of Selenium in the Chick. | MS |
| 1977 | Small Animal Surgery and Medicine | August, John R. | Roosevelt A. Albert | The Reaction of Canine Skin to Intradermal Injection of Varying Concentrations of Allergenic Extracts. | MS |
| 1977 | Physiology | Boozer, Thomas Stewart | Moore J. Burns | An Evaluation of the Effects of Cholestyramine and Clofibrate as Hypolipidemic Agents in Rats. | MS |
| 1977 | Physiology and Pharmacology | Kilpatrick, Michael Garnet | R. F. Nachreiner | The Effect of Hysterectomy on Serum Progesterone Vaginal Cytology and Circulating Leukocytes in the Bitch. | MS |
| 1977 | Large Animal Surgery and Medicine | McCoy, Michael Dean | Ram C. Purohit | The Normal Thermographic Pattern in the Horse. | MS |
| 1977 | Pathology | Shayo, Mungubariki Elirehema | Gerald W. Benz | Effects of Trichostrongylus colubriformis on the Small Intestine Mucosa of Calves. | MS |
| 1977 | Physiology | Sprinkle, Fred Preston | Richard W. Redding | The Normal Nerve Conduction Velocities and Latencies of the Horse. | MS |
| 1977 | Small Animal Surgery | Walker, Tommy Lynn | S. F. Swaim | Evaluation of Motor and Sensory Nerve Conduction Velocity in Selected Peripheral Nerves in the Dog. | MS |

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|----------------|-----------------------------------|----------------------------|---------------------------------|--|--------|
| 1977 | Large Animal Surgery | Westergaard, Jorgen Mejsen | T. T. Kramer | Biological and Ecological Studies on the Interaction of Bdellovibrio and Enterobacteriaceae. | PhD |
| 1977 | Large Animal Surgery and Medicine | Young, Samuel Lee | Donald F. Walker | The Use of Fresh Autogenous Fascia Lata Grafts for the Correction of Spiral Deviations of the Bull Penis. | MS |
| 1978 | Pathology and Parasitology | Higgins, Robert James | Aaron H. Groth, Jr. | Experimental Canine Blastomycosis with Particular Reference to Lesions in the Central Nervous System and Eye. | MS |
| 1978 | Physiology | Mysinger, Pat Winford | Richard W. Redding | The Normal Electroencephalogram of the Horse: Control Data for Clinical Diagnosis | MS |
| 1978 | Large Animal Surgery and Medicine | Jagar, John Eugene | T. T. Kramer & John T. Vaughn | The Effects of the Administration of Bovine Colostrum to New Born Foals. | MS |
| 1978 | Large Animal Surgery and Medicine | Vaden, Mary Frances | Ram C. Purohit & John T. Vaughn | Osteoarthritis: Subclinical Diagnosis by Thermography | MS |
| 1979 | Microbiology | Alexander, Bruce Moore | A. I. Swann | Electron Microscopy Studies on Pleomorphic Forms of Haemophilus equigenitalis, the Agent of Contagious Equine Metritis. | MS |
| 1979 | Microbiology | Barbery, Reba Louise Tatum | Larry J. Swango | The Prevalence of Feline Leukemia Virus Infections in Cats in Alabama and Georgia Animal Shelters | MS |
| 1979 | Anatomy and Histology | Cooper, Robert Carl Jr. | B. G. Brown | Evaluation of a Technique for Extracorporeal Bypass of the Right Ventricle and Pulmonary Trunk Using Autogenous Lungs for Oxygenation in the Dog | MS |
| 1979 | Physiology and Pharmacology | Drumheller, Faith Brock | Carl H. Clark | The Effects of PMSG Injections on the Cat Reproductive Tract. | MS |

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|----------------|-----------------------------------|-----------------------------|---------------------------------------|--|--------|
| 1979 | Physiology and Pharmacology | Fleming, John Thomas | W. M. Pedersoli | Tetracycline Abdominal Surgery, Methoxyflurane Anesthesia and Renal Function in Dogs. | MS |
| 1979 | Physiology and Pharmacology | Musgrave, Gary Eugene | Sidney D. Beckett & Charles E. Branch | Characterization of the Atrial and Atrioventricular Nodal Cholinergic Responses to Acetylcholine injected into the Left Ventricle of Mixed- Breed Dogs. | PhD |
| 1979 | Unknown | Shires, Kenneth Owen Peter | Unknown | The Effects of Extension Immobilization on Selected Extensor Muscles and the Range of Motion of the Immature Canine Stifle Joint. | MS |
| 1979 | Small Animal Surgery | Sorjonen, Donald Charles | K. G. Braund | Qualitative and Quantitative Aspects of Cerebrospinal Fluid Protein in the Dog and Their Variations with Diseases of the Central Nervous System. | MS |
| 1979 | Physiology | Whidden, Stanley John | Richard W. Redding | Evaluation of Far Field Averaged Auditory Evoked Responses to the Canine. | PhD |
| 1980 | Microbiology | Adair, Henry Steven III | Larry J. Swango | Evaluation of a Canine Bordetella Vaccine for Protection Against Infection and Respiratory Disease Associated with Bordetella bronchiseptica in Dogs | MS |
| 1980 | Physiology and Pharmacology | Dumas, Martha Ann Butz | J. S. Spano & Charles E. Branch | Characterization of Alkaline Phosphatase Isoenzymes in Equine Tissues, Serum, and Peritoneal Fluid by Polyacrylamide Disc Gel Electrophoresis. | MS |
| 1980 | Physiology and Pharmacology | Fountain, Michael Wayne | W. M. Pedersoli | The Clinical Evaluation Phospholipid Vesicles (liposomes) as Delivery Vehicles for Digoxin in Male Dogs and the Effects of Conjoint Phenobarbital Therapy Upon Digoxin Serum Levels. | MS |
| 1980 | Small Animal Surgery and Medicine | Goldstein, Gary Martin | James L. Milton | A Comparative Study of the Effects on Growth of Longitudinal Intramedullary Pins and Cross Pins on the Distal Femoral Physis. | MS |
| 1980 | Physiology and Pharmacology | Henry, June Rosamund Olivia | Moore J. Burns | The Effects of Different Concentrations of Dietary Protein on the Thyroid Hormones, Hematocrit, Total Serum Proteins, Bodyweight and Electrophoretic Patterns in the Canine. | MS |

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| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-----------------------------|--|--|--------|
| 1980 | Unknown | Jones, Howard Selby, Jr. | W. B. Anthony | Evaluation of Nutritional and Selected Health Aspects of Cattle Diets made from Combinations of Feedlot Manure and Poultry Litter | PhD |
| 1980 | Large Animal Surgery and Medicine | Slone, Donnie Eugene Jr. | Ram C. Purohit | Endogenous and Exogenous Corticosteroid Function in Bilaterally Adrenalectomized and Intact Horses. | MS |
| 1980 | Physiology and Pharmacology | Wickwire, Brian Macy | V. K. Ganjam | Cannulation of the Rete Testis to Facilitate Quantitation of Elongated Spermatids and Androgens Entering the Epididymis Daily in the Conscious Goat. | MS |
| 1980 | Physiology and Pharmacology | Wycoff, James Theodore | V. K. Ganjam | Successful Termination of Pregnancy in Cats by the Administration of a Combination of Adrenocorticotrophic Hormone and Prostaglandin F. | MS |
| 1981 | Small Animal Surgery and Medicine | Amber, Elijah Iorsue | Ralph A. Henderson | An Experimental Evaluation of Antimicrobial Effect of Four Antiseptics on a Common Wound Pathogen (S. aureus) and the Host Tissues in Dogs. | MS |
| 1981 | Physiology and Pharmacology | Baker, Michael Turner | Gayner R. McDaniel | The Relationship between Lipid Accumulation and Reproductive Dysfunction in the Domestic Hen. | MS |
| 1981 | Anatomy and Histology | Bolden, Steven Lloyd | Gayner R. McDaniel & LaVerne M. Krista | Effect of Exercise on the Severity of Aortic Atherosclerosis and on Other Cardiovascular Parameters Among Hypertensive and Hypotensive Turkeys. | MS |
| 1981 | Large Animal Surgery and Medicine | Bordoli, Bernardo | Donald F. Walker | The Biological Half-Life of Progesterone in Peripheral Blood Plasma of Pregnant and Non-Pregnant (Ovariectomized) Cows. | MS |
| 1981 | Large Animal Surgery and Medicine | Bowman, Karl Frederick | Ram C. Purohit | Thermographic Evaluation of Corticosteroid Efficacy in Induced Equine Arthritis | MS |
| 1981 | Radiology | Brawner, William Reuben Jr. | Jan E. Bartels | Static and Dynamic Radionuclide Brain Imaging in the Normal Canine: Technique and Appearance. | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|------------------------------|--|---|--------|
| 1981 | Large Animal Surgery and Medicine | Campos, Manuel | Charles R. Rossi & Thomas A. Powe, Jr. | Natural Cell-Mediated Cytotoxicity in Normal Cattle. | MS |
| 1981 | Physiology and Pharmacology | Casacalenda, Anthony Leonard | Moore J. Burns | A Comparison of Moderate and Exhaustive Exercise on the Cardiovascular System of Rats. | MS |
| 1981 | Physiology and Pharmacology | Christian, Julia Lynn | Charles E. Branch | The Effects of Varying Concentrations of Inspired Oxygen on Venous Admixture in Anesthetized Horses. | MS |
| 1981 | Physiology and Pharmacology | Comerci, Carol Ann | V. K. Ganjam | Studies on the Pharmacokinetics of Insulin in the Dog. | MS |
| 1981 | Pathology and Parasitology | D' Andrea, George Henry | Ronald Crawley | The Effects of Povidone-Iodine, Sucrose and Povidone-Iodine/Sucrose Combination on the Healing of Full-Thickness Open Skin Wounds of the Dog: A Gross Morphometric and Histopathological Study. | MS |
| 1981 | Physiology and Pharmacology | Fazeli, Mohammad Hashem | V. K. Ganjam | Thyroidal-Gonadal Axis in the Bull: Clinical and Biochemical Studies. | MS |
| 1981 | Microbiology | Garby, Cheryl Lee | Paul R. Schnurrenberger | Experimental Infection of Opossums (<i>Didelphis virginiana</i>) with a Field Strain of <i>Brucella abortus</i> . | MS |
| 1981 | Microbiology | Gilliand, Teresa Darlene | Phillip H. Klesius & J. J. Giambrone | Inhibition of Chicken Leukocyte Migration in Vitro: A Direct Agarose Plate Assay. | MS |
| 1981 | Physiology and Pharmacology | Hay, William Harvey | V. K. Ganjam | Hormonal Patterns in the Prepubertal and Adult Boar. | MS |
| 1981 | Microbiology | Jarecki, Paul Joseph | Paul R. Schnurrenberger | Ultrastructure Antigenicity of the Oocyst Wall of <i>Eimeria bovis</i> . | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|---------------------------|-------------------------------------|--|--------|
| 1981 | Physiology and Pharmacology | Kircher, Ingrid Maria | Richard W. Redding | Thermography as a Diagnostic Aid in the Localization of Intervertebral Disc Disease in Dogs. | MS |
| 1981 | Microbiology | Maisonnave, Jacqueline | Charles R. Rossi | A Technique for Detecting and Titrating Noncytopathogenic Bovine Viral Diarrhea Virus. | MS |
| 1981 | Physiology and Pharmacology | McCullers, Ralph Mitchell | V. K. Ganjam | Episodic Secretion of Testosterone and its Modulation by Adrenocortical Hormones in the Domestic Cat (<i>Felis domesticus</i>). | MS |
| 1981 | Large Animal Surgery and Medicine | Mobini, Seyedmehdi | Donald F. Walker | The Use of Carbon Fiber Implants for the Correction of Spiral Deviations of the Bull Penis. | MS |
| 1981 | Pathology and Parasitology | Rhyan, Jack Carlton | Ronald D. Schultz & Joseph S. Spano | Characterization of Lymphocytes from Normal, Lymphocytotic and Lymphosarcoma Cattle Using Two Membrane Markers. | MS |
| 1981 | Large Animal Surgery and Medicine | Rossi, Amalia | Jay M. Humburg | A Comparison of Three Suture Materials for Intestinal Anastomosis in the Horse. | MS |
| 1981 | Microbiology | Taylor, Julie Fay Rowan | Ronald D. Schultz | Analysis of the Bovine Phagocytic Response to <i>Brucella abortus</i> by Luminol-Dependent Chemiluminescence Assay. | MS |
| 1981 | Small Animal Surgery and Medicine | Smith, Maria Uy | Allen R. Dillon | Cardiac Responses to <i>Dirofilaria immitis</i> Adulticide Therapy. | MS |
| 1981 | Microbiology | Washburn, Susan Michelle | Phillip H. Klesius | Chemiluminescence Analysis of the Equine Phagocytic Response for Evaluation of Estrogen and Progesterone Influence on Phagocytosis and Uterine Clearance of <i>Streptococcus zooepidemicus</i> | MS |
| 1981 | Small Animal Surgery | Whitley, Robert David | Roosevelt A. Albert | Light and Scanning Electron Microscopy of the Iridocorneal Angle in Normal and Photoinduced Buphthalmic Avian Eyes. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-------------------------------|-------------------------------------|--|--------|
| 1981 | Physiology and Pharmacology | Woolsey, Elizabeth | Charles E. Branch | Effects of Intermittent Positive Pressure Ventilation and Preanesthetic Fasting on Cattle During Halothane Anesthesia. | MS |
| 1981 | Microbiology | Yang, Wen Chic | Ronald D. Schultz | In Vitro Effects of Corticosteroid on the Porcine Cellular Immune Responses | MS |
| 1982 | Microbiology | Buxton, Bonnie A. | Ronald D. Schultz | The Role of Insects in the Transmission of Bovine Leukosis Virus. | MS |
| 1982 | Microbiology | Dees, Craig | Ronald D. Schultz | Enhanced Intracellular Killing of Staphylococcus aureus and Brucella abortus by Liposomes Containing Aminoglycoside. | MS |
| 1982 | Microbiology | Fountain, Michael Wayne | Ronald D. Schultz | Modulation of Immune Responses in vitro by Liposomes contain Tocopherol | PhD |
| 1982 | Microbiology | Geiger, Dorothy Laverne Baker | Marie H. Attleberger | Clinical Yeasts Isolated from Selected Animal Species. | MS |
| 1982 | Physiology and Pharmacology | Haddad, Nadim Sa'd | W. M. Pedersoli | Pharmacokinetics of Gentamicin in Ponies after Intravenous, Intramuscular Administration and a Steady-State. | MS |
| 1982 | Pathology and Parasitology | Hanrahan, Lynn Allen | Gerald W. Benz | Experimental Cooperia oncophora Infection in Calves. | MS |
| 1982 | Microbiology | Haynes, Thomas Barry | Ronald D. Schultz | Immunopotential of Brucella abortus Strain 19 Vaccine in Cattle: A Serologic Profile | MS |
| 1982 | Large Animal Surgery and Medicine | Maria Pablo, Luisito Sta. | Patricia Anne Teer & Ram C. Purohit | Disseminated Intravascular Coagulation in Experimental Intestinal Strangulation Obstruction. | MS |
| 1982 | Physiology and Pharmacology | Lai, Min-Hwa | Charles E. Branch | Effects of Atropine Administered by Subcutaneous Silicone Rubber Implants. | MS |
| 1982 | Large Animal Surgery and Medicine | McClary, David Glen | Robert S. Hudson | Detection of Residual Penicillin in Milk Using a Bacillus stearothermophilus Disk Assay Following Intrauterine Infusion in Postestruual Holstein Cows. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|----------------------------|--|--|--------|
| 1982 | Pathology and Parasitology | Newton, Joseph Calvin | Robert P. Kwapien | Eimeria bovis: Histopathologic, Histochemic, and Morphometric Changes in the Intestinal Mucosa of Calves. | MS |
| 1982 | Microbiology | Stringfellow, David Alwood | Paul R. Schnurrenberger | Selected Epidemiologic Aspects of Bovine Embryo Transfer with Special Emphasis on Brucella abortus Transmission. | MS |
| 1982 | Microbiology | Trujillo, Wilfrido Solano | V. S. Panagala & J. J. Giambrone | Comparison of Enzyme-Linked Immunosorbent Assay (ELISA) and Indirect Hemagglutination Test (IHA) For Measuring Antibody Responses in Chickens Against Fowl Cholera (Pasteurella multocida). | MS |
| 1982 | Large Animal Surgery and Medicine | Wolfe, Dwight Foster | Robert S. Hudson | The Effect of Unilateral Orchietomy on Semen Quality in Bulls. | MS |
| 1983 | Physiology and Pharmacology | Angle, Marlane Jean | Sidney D. Beckett & Phillip H. Klesius | Immunosuppressive Factors in Seminar Plasma: Specific Inhibition of Canine Polymorphonuclear Leukocyte Phagocytosis and Chemiluminescence. | MS |
| 1983 | Microbiology | Brock, Kenny Virgil | Paul C. Smith | Comparative Antibiotic Therapy of Experimentally Induced Bacterial Cystitis in Dogs. | MS |
| 1983 | Large Animal Surgery and Medicine | Ferris, Andrea | Ram C. Purohit & Donnie E. Slone, Jr. | Femoral Diaphyseal Fracture Repair Using Multiple Intramedullary Pinning with and without Kirschner External Fixation Half Pin Splinting in the Horse. | MS |
| 1983 | Radiology | Hathcock, John Thompson | R. D. Pechman | Comparison of Caudal Intraosseous Vertebral Venography, Lumbar Myelography, and Lumbosacral Epidurography in the Evaluation of Experimentally Created Space Occupying Masses of the Lumbosacral Region of the Spinal Canal of the Dog. | MS |
| 1983 | Physiology and Pharmacology | McLeod, Carol | V. K. Ganjam | The Influence of Ovarian Steroid Hormones on Uterine Infection in the Mare. | MS |
| 1983 | Physiology | Miller, Lawrence Emery | John T. Brake & Laverne M. Krista | Effects of Caponization on Body Weight, Atherosclerosis, and Cardiovascular Variables in Hypotensive and Hypertensive Turkey Strains. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-----------------------------------|--|--|--------|
| 1983 | Microbiology | Yang, Wen Chic Josie | Ronald D. Schultz | Effects of Aflatoxin B1 on the Development of Porcine Cellular Humoral Immune Responses | PhD |
| 1984 | Small Animal Surgery and Medicine | Bowman, Gale Gilbert | Roosevelt A. Albert | Maturation of the Electroretinogram Using a Retrobulbar Recording Electrode in the Dog. | MS |
| 1984 | Microbiology | Brigham, Susan Antoinette Harrold | Charles R. Rossi | Cell-Mediated Cytotoxicity in a Bovine Herpesvirus Type I Infection. | MS |
| 1984 | Microbiology | Chambers, William Herbert | Phillip H. Klesius | Bovine Immunobiology and Immune Response to Eimeria Bovis (Protozoa: Eimeriidae). | PhD |
| 1984 | Large Animal Surgery and Medicine | Cofield, Samuel Charles | Robert S. Hudson | Effects of Gestation Feeding of Swine Waste on the Serum and Colostral Gamm Globulin Levels of Sows and Their Pigs. | MS |
| 1984 | Physiology and Pharmacology | Nash, Renee Alice | Lawrence J. Myers | Non-Invasive Recording of the Feline Somatosensory Evoked Potential at the Somatosensory Cortex and the Cesterna Magna | MS |
| 1984 | Large Animal Surgery and Medicine | Ortuno, Ana Maria | Robert L. Carson | The Effect of Dietary Monensin Sodium upon Superovulation and Embryo Viability from Mature Cows. | MS |
| 1984 | Small Animal Surgery and Medicine | Pope, Eric Russell | Steven F. Swaim | The Effect of Wound Drainage on the Final Cosmetics of Full-Thickness Skin Grafts in Dogs. | MS |
| 1984 | Physiology and Pharmacology | Owens, Scott Wilburn | Robert J. Kemppainen & James L. Sartin | In Vitro Interactions of Noncytopathogenic Bovine Viral Diarrhea Virus with Other Bovine Viruses. | MS |
| 1984 | Large Animal Surgery | Riddell, Marvin Gatz Jr. | Robert S. Hudson | Effects of Dietary Gossypol on Breeding Soundness of Postpubertal Bulls. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|------------------------------|--|--|--------|
| 1984 | Physiology and Pharmacology | Thomas, Jerry Eugene | Carl H. Clark | Ocular Penetration of Chloramphenicol | MS |
| 1984 | Microbiology | Townsend, Janet Dawn Kearney | Paul C. Smith | Development of Moraxella bovis Pilus Vaccine for Prevention of Infectious Bovine Keratoconjunctivitis. | MS |
| 1984 | Microbiology | Taylor, Julie Faye Rowan | Phillip H. Klesius | Immune Response to Isospora suis (Apicomplexa Eimeriidae) in Pigs. | MS |
| 1984 | Microbiology | Wang, Hwa-Chain R. | Charles R. Rossi | In Vitro Interactions of Noncytopathogenic Bovine Viral Diarrhea Virus with Other Bovine Viruses. | MS |
| 1984 | Microbiology | Washburn, Susan Michelle | Phillip H. Klesius | Cellular and Humoral Immune Responses to Ostertagia ostertagi in Type I Infection. | PhD |
| 1985 | Microbiology | Aziz, Edith Sursatti | Phillip H. Klesius | Effects of Selenium Deficiency in Goats on Polymorphonuclear Leukocyte Function | PhD |
| 1985 | Microbiology | Cameron, Paula Jane Rhodes | R. D. Schultz | Antibody-Dependent Adherence of Canine Leukocytes to the Microfilariae of Dirofilaria immitis in vitro: A Comparison of Neutrophil and Mononuclear Cell Populations. | MS |
| 1985 | Large Animal Surgery and Medicine | Cappella, Enrique | Gregory M. Sullivan & Donald F. Walker | Evaluation of Beef Cattle Management Practices in the Dry Pacific Region of Costa Rica by the Use of a Simulation Model. | MS |
| 1985 | Microbiology | Chung, Shan | Charles R. Rossi | Natural Cell-Mediated Cytotoxicity to Cells Infected with Infectious Bovine Thontracheitis Virus. | MS |
| 1985 | Microbiology | Cross, Debra Ann | Phillip H. Klesius | Lymphocyte Blastogenesis Responses of Calves Experimentally Infected with Ostertagia ostertagi. | MS |
| 1985 | Large Animal Surgery and Medicine | Goodman, Jack Delton | Jay M. Humburg | Chemiluminescence Analysis of Phagocytic Response in Equine Whole Blood for Evaluation of Immunoregulin and Prednisolone Influence on Phagocytosis in Horses with Chronic Obstructive Pulmonary Disease. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|----------------------------------|-----------------------|--|--------|
| 1985 | Microbiology | Hathcock, Terri Lynn Gandy | Lloyd H. Lauerman | Isolation and Characterization of the Leukotoxin of <i>Fusobacterium necrophorum</i> . | MS |
| 1985 | Microbiology | Horton, Linda Joyce Watson | Phillip H. Klesius | Demonstration of an Eosinophil Chemotactic Receptor for a Soluble Substance Elaborated by the L3 Larvae of <i>Ostertagia ostertagi</i> . | MS |
| 1985 | Small Animal Surgery and Medicine | Lee, Alice H. Shue | S. F. Swaim | The Tensile Strength of Primary and Secondary Skin Closures. | MS |
| 1985 | Small Animal Surgery and Medicine | Newman, Michael Edgar | James L. Milton | The Biocompatibility of Selected Ligament Substitutes in Normal Shoulder and Stifle Joints of Dogs. | MS |
| 1985 | Physiology and Pharmacology | Shores, James Andrew | Richard W. Redding | Spinal Evoked Potentials in Dogs with Spontaneous, Acute Compressive Thoracolumbar Spinal Cord Disease. | PhD |
| 1985 | Microbiology | Sparling, Phyllis Kay Holshouser | David A. Stringfellow | The Epidemiologic Implications of Using <i>Brucella abortus</i> Infected Heifers as Embryo Donors with Emphasis on Cultural and Serological Responses after Treatment with Prostaglandins and Gonadotropins. | MS |
| 1985 | Microbiology | Thomson, Mary Sue | Cindy J. Brunner | Relationship of Temperature Extremes, Infectious Bovine Rhinotracheitis Virus, and <i>Pasteurella haemolytica</i> Infections to Bovine Immune Function. | MS |
| 1985 | Physiology and Pharmacology | Turco, John David | W. M. Pedersoli | The Effects of Phenobarbital Treatment on the Pharmacokinetics of Digoxin in Dogs. | MS |
| 1985 | Physiology and Pharmacology | Wilson, Sharon Lee Golden | Carl H. Clark | A Comparison of the Pharmacokinetics of Chloramphenicol and Gentamicin in the Rete Testis Fluid of the Goat. | MS |
| 1986 | Microbiology | Campos, Manuel | Charles R. Rossi | Cell-Mediated Cytotoxic Responses of Cattle to Infectious Bovine Rhinotracheitis Virus-Infected Cells and Tumor Cells. | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-------------------------|---------------------|---|--------|
| 1986 | Pathology and Parasitology | Ernest, James Abbott | Byron L. Blagburn | Characterization of an Isolate of <i>Cryptosporidium parvum</i> and Attempted Cryopreservation of Excysted <i>Cryptosporidial</i> Sproozoites | MS |
| 1986 | Large Animal Surgery and Medicine | Harrington, David Ralph | Ram C. Purohit | Ventriculectomy and Arytenoidopexy Compared to Cricoarytenoid Diarticulation and Arytenoidopexy for Correction of Laryngeal Hemiplegia in the Horse. | MS |
| 1986 | Microbiology | Kong, Lilly Ing | Larry J. Swango | Protozoacidal Properties of A Synthetic N-Chloramine Compound as a Potential Water Disinfectant Replacement for Calcium Hypochlorite. | MS |
| 1986 | Small Animal Surgery and Medicine | Lee, Shei-Wen | Gerald H. Hankes | A Comparative Study of Ultrasound and Arteriography on the Carotid Artery of Normal and Sedated Goats. | MS |
| 1986 | Physiology and Pharmacology | May, Kimberly Lee | Lawrence J. Myers | Association Between Anosmia and Anorexia in Cats. | MS |
| 1986 | Physiology and Pharmacology | McElroy, Donita Elaine | Carl H. Clark | The Pharmacokinetics of Cefotaxime in Cats and the Pharmacokinetics of Chloramphenicol Sodium Succinate and Oxytetracycline Hydrochloride in Rabbits. | MS |
| 1986 | Small Animal Surgery and Medicine | Miller, William W. | Roosevelt A. Albert | Postnatal Development of Canine Photoreceptor Cells from Day 0 to 42. | MS |
| 1986 | Physiology and Pharmacology | Wike, James Seymour | W. M. Pedersoli | Pharmacokinetics of Phenobarbital After Single Oral and Intravenous Administration and at Steady State in Dogs. | MS |
| 1987 | Microbiology | Hsu, Cha Long | Cindy J. Brunner | In Vitro Study of the Bovine Neutrophil Chemotactic Response to <i>Pasteurella haemolytica</i> . | MS |
| 1987 | Microbiology | Hwang, Yi-Shiuh Michael | Victor S. Panagala | Development and Application of Monoclonal Antibodies to <i>Mycoplasma gallisepticum</i> and <i>M. synoviae</i> | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|---------------------------|--------------------|---|--------|
| 1987 | Microbiology | Jilek, Joseph James | Paul C. Smith | Ocular Disease and the Immunological Response of Calves Experimentally Infected with Infectious Bovine Rhinotracheitis Virus. | MS |
| 1987 | Physiology and Pharmacology | Lee, Hee Soong | W. M. Pedersoli | Pharmacokinetics of Single Doses of Digoxin Administered Intravenously and Orally to Turkeys, Ducks, and Roosters. | MS |
| 1987 | Small Animal | Montgomery, Ronald | Robert D. Horne | Replacement of the Canine Cranial Cruciate Ligament with a Bioprosthesis. | MS |
| 1987 | Physiology and Pharmacology | Nostrandt, Amy C. | W. M. Pedersoli | Evaluation of the Ototoxic Potential of Gentamicin in Ponies. | MS |
| 1988 | Pathobiology | Bankemper, Karen Helen | Gerald R. Wilt | Campylobacter jejuni Infections in Dogs: Prevalence in a Humane Shelter and Clinical Association with Human Infection. | MS |
| 1988 | Small Animal Surgery and Medicine | Brockus, Charles Wayne | Allen R. Dillon | The Effect of Every Other Day Oral Prednisolone on Pituitary-Adreocortical Activity in Beagle Dogs. | MS |
| 1988 | Microbiology | Chiang, Ban-Cheng | Paul C. Smith | Infectious Bovine Rhinotracheitis Virus as a Reproductive Pathogen: Effects of Hormone Induced Superovulation on Latent Infection and Vaccination During Estrus on Breeding Efficiency. | MS |
| 1988 | Physiology and Pharmacology | Knox, David Anthony | W. M. Pedersoli | Pharmacokinetics of Phenobarbital in Horses after Single Repeated Oral Administration. | MS |
| 1988 | Pathology and Parasitology | Newton, Joseph C. | Lauren G. Wolfe | Enteric Septicemia of Catfish: Pathologic Findings and Characterization of the Etiologic Agent, Edwardsiella ictaluri. | PhD |
| 1988 | Physiology and Pharmacology | Oliver, Elizabeth Heric | James L. Sartin | Effects of Streptozotocin-Diabetes on Neurotransmitter Content, Turnover and Enzyme Activity in Discrete Nypothalamic Nuclei in the Female Rat. | PhD |
| 1988 | Pathobiology | Quenelle, Debra Ann Cross | Phillip H. Klesius | Immunological Responses to Products Derived from Ostertagia ostertagi Third Stage Larvae. | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-----------------------------|------------------------------------|---|--------|
| 1988 | Small Animal Surgery and Medicine | Sanchez Romero, Isis Rubio | Kenneth E. Nusbaum | In Vitro and In Vivo Effects of Chlorhexidine Diacetate and Povidone-Iodine. | MS |
| 1988 | Pathobiology | Thomson, Mary Sue Peay | L. H. Lauerman | Preimplantation Bovine Embryos: Pathobiology to Haemophilus somnus Exposure and Resistance Mechanisms to Vesicular Stomatitis Virus. | MS |
| 1988 | Pathobiology | Wu, Gin | Gerald R. Wilt | The Characterization of Outer Membrane and Plasmids of the Pinkeye Organism, Moraxella bovis. | MS |
| 1989 | Large Animal Surgery and Medicine | Bailey, Thomas Lee | Robert S. Hudson & M. Gatz Riddell | A Mathematical Formula for Determining Bovine Testicular Volume and Weight and the Relationship Between the Testicular Shape and Scrotal Circumference and Spermatozoal Output. | MS |
| 1989 | Large Animal Surgery and Medicine | Bigbie, Kim Barry | Steven F. Swaim & Ram C. Purohit | The Effects of Amnion and Live Yeast Cell Derivative on the Second Intention Healing of Wounds of the Distal Limbs in Horses. | PhD |
| 1989 | Large Animal Surgery and Medicine | Carlos, Thomas E. | Ram C. Purohit | Evaluation of Induced Non-Septic Synovitis and Treatments by Synovial Fluid Laboratory Determinations. | MS |
| 1989 | Physiology | Horton, Charles R. Jr. | Robert C. Wilson | The Pharmacokinetics of Phenobarbital in the Cat. | MS |
| 1989 | Large Animal Surgery and Medicine | Moll, Harold David | John Schumacher | Prevention of Experimentally Induced Post Surgical Abdominal Adhesions in the Pony by Use of Sodium Carboxymethylcellulose. | MS |
| 1989 | Pathobiology | Riddell, Kay Frances Pelly | David A. Stringfellow | Interaction of Mycoplasma spp. And Preimplanation Bovine Ova: Response to Washing and to Antibiotic, Enzyme, and Chemical Treatments. | MS |
| 1989 | Pathobiology | Rossmannith, Sara Edna Rowe | Gerald R. Wilt | Characterization and Comparison of Outer Membrane Protein and Plasmid DNA Profiles of Pasteurella haemolytica. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|------------------------------|---------------------|--|--------|
| 1989 | Physiology and Pharmacology | Trzcinski, Gail Heavner | Lawrence J. Myers | Response of Male Dogs to the Putative Sex Pheromone Methyl P-Hydroxybenzoate/Effect of Testosterone Propionate on Urine Marking Behavior in Male Dogs. | MS |
| 1990 | Pathobiology | Ahern, Terry E. | R. Curtis Bird | Onogene Activation and the Development of Spontaneous Canine Cancer. | MS |
| 1990 | Large Animal Surgery and Medicine | Angel, Kenneth Lamar | Dwight F. Wolfe | Effects of Estradiol 17B Implantation on Hematologic Parameters and the Chemiluminescence Response of Phagocytic Cells in Steers. | MS |
| 1990 | Small Animal Surgery and Medicine | Bentley, John F. | James L. Milton | Comparison of Four Implantation Techniques for a Prosthetic Anterior Cruciate Ligament. | MS |
| 1990 | Physiology and Pharmacology | Dieberg, Gudrun | James L. Sartin | Regulation of Erythrocyte Insulin Receptor Binding Characteristics in Domestic Animals. | PhD |
| 1990 | Pathobiology | Fan, Hsuan-Huang | Paul C. Smith | Effects of Human Leukocyte A Interferon and Dimethyl Sulfoxide on the Replication of Pseudorabies Virus in Pig Kidney Cells. | MS |
| 1990 | Radiology | Hudson, Judith Ann Little | Jan E. Bartels | Investigation of the normal and Hydrocephalic Dog Brain Using Ultrasound. | PhD |
| 1990 | Anatomy and Histology | Johnson, Patricia D. | Laverne M. Krista | A Macrophage Chemoattractant of Atherosclerosis and Histology Associated with Atherogenesis in Domestic Turkeys. | PhD |
| 1990 | Pathobiology | Kung, Tzyy-Yun Melissa Tzeng | R. Curtis Bird | Molecular Cloning of a G-1-Phase-Specific cDNA by Subtractive Hybridization. | MS |
| 1990 | Small Animal Surgery | Lindley, Denise Michelle | Roosevelt A. Albert | An Ultrastructural Study of Postnatal Development of the Canine Retinal Inner Nuclear Layer: Day 1 to 39. | MS |
| 1990 | Large Animal Surgery | Mysinger, Pat Winford | Dwight F. Wolfe | A Clinical Procedure for Measurement of the Sensory Nerve Conduction Velocity of the Dorsal Penile Nerves of the Bull. | PhD |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-------------------------------|---------------------------------------|---|--------|
| 1990 | Pathobiology | Sartin, Eva Ann | Lauren G. Wolfe | Biological Properties of Canine Mammary Tumors and Cell Lines. | PhD |
| 1990 | Pathobiology | Screws, Edward A. | Kenneth E. Nusbaum | Structural and Antigenic Components of Channel Catfish Virus Envelope Proteins and Approaches to Latency. | MS |
| 1990 | Physiology and Pharmacology | Thompson, Karen Rachelle | Robert J. Kempainen & James L. Sartin | Effects of Cortisol Infusion on Growth Hormone-Releasing Hormone Stimulation of Growth Hormone in Sheep. | MS |
| 1990 | Pathobiology | Williams, Delbert Erman | Larry J. Swango | The Effects of N-Halamine Disinfectants on Bacteria Survival and Membrane Processes. | PhD |
| 1991 | Anatomy and Histology | Ball, Ronald Steven | Robert E. Cartee | Biometric Evaluation of The Feline Eye Using 10 MhZ of B-Mode Ultrasonography. | MS |
| 1991 | Pathobiology | Chang, Ching-Dong | Timothy R. Boosinger | Immunohistochemical Detection of Helicobacter pylori and the Relationship between Serum Antibody Titer and Gastric Lesions Caused by Helicobacter pylori. | MS |
| 1991 | Pathobiology | Chang, Li-Yun Theresa Hsu | Vicky L. Van Santen | RNA Transcribed from the Bovine Herpesvirus-4 Genome During Lytic Infections in Tissue Culture. | MS |
| 1991 | Small Animal Surgery and Medicine | Coleman, Nancy Elaine Sims | Stephen T. Simpson | The Effect of Vitamin E on Spinal Cord Trauma in the Dog. | MS |
| 1991 | Anatomy and Histology | Cooney, Joseph Charles | Robert E. Cartee | Ultrasonography of the Canine Prostrate with Histologic Correlation. | MS |
| 1991 | Physiology and Pharmacology | Earle, Kathleene Diane Baxter | James L. Sartin | Effects of Obesity on Pancreatic Hormones and Selected Metabolites in the Dog. | MS |
| 1991 | Physiology and Pharmacology | Ezeh, Patrick Ifeanyi | Lawrence J. Myers | The Effects of Exogenous Steroids on the Olfactory Function of the Dog. | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|----------------------------------|----------------------|---|--------|
| 1991 | Pathobiology | Haeber, Paula Jean | Byron L. Blagburn | Development and Characterization of Monoclonal Antibodies to Eimeria bovis First-Generation Merozoites. | MS |
| 1991 | Pathobiology | Morsy, Mohamad Aly | Victor S. Panagala | Cloning of Mycoplasma synoviae Adhesin Gene and Identification of Mycoplasma gallisepticum and Mycoplasma synoviae Antigens. | PhD |
| 1991 | Pathobiology | Oliver, Julian Linwood III | Lauren G. Wolfe | Isolation, Characterization and Tissue Expression of a Canine Melanoma Antigen Recognized by a Murine Monoclonal Antibody. | PhD |
| 1991 | Physiology and Pharmacology | Soyoola, Emmanuel O. | James L. Sartin | The Effects of Neurotransmitters on Growth Hormone (GH) Secretion and Gene Expression in Cultured Ovine Pituitary Cells. | PhD |
| 1991 | Physiology and Pharmacology | Stafford, Robert G. | Barbara W. Kempainen | The In Vitro Penetration and Distribution of Lyngbyatoxin A in Guinea Pig and Human Skin. | MS |
| 1992 | Physiology and Pharmacology | Aiken, Frances Isabell | Robert C. Wilson | Passive Transfer of Antibiotics from Ewes to Neonatal Lambs. | MS |
| 1992 | Anatomy and Histology | Akintunde, Akinsegun | Donald F. Buxton | Determination of Origins and Collateral Axonal Projections of Motor Systems in the Rat Brain. | PhD |
| 1992 | Physiology and Pharmacology | Amalsadvala, Tannaz Maheli | Dana M. Vaughn | Characterization of Leukotriene B4 Release from Isolated Greyhound and Cat Neutrophils | MS |
| 1992 | Radiology | Banfield, Catherine Mary Kitzner | Jan E. Bartels | A Retrospective Study of Canine Hip Dysplasia in the Military Working Dog. | MS |
| 1992 | Physiology and Pharmacology | Coleman, Elaine Sims | James L. Sartin | The Effect of Endotoxin on Growth Hormone Secretion in Sheep. | PhD |
| 1992 | Small Animal Surgery and Medicine | Crager, Cynthia Susan | Allen R. Dillon | Adrenocorticotrophic Hormone and Cortisol Concentrations after Corticotrophine-Releasing Hormone Stimulation in Cats Administered Methylprednisolone. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|---------------------------------|-----------------------|---|--------|
| 1992 | Pathobiology | Galik, Patricia Kay Atherton | David A. Stringfellow | Development of a DNA Probe for Detection of Bovine Herpesvirus-4 and Adaptation for Diagnostic Use. | MS |
| 1992 | Physiology and Pharmacology | Hudmon, Andy | James L. Sartin | Effects of Estradiol on Plasma Growth Hormone Concentrations and Pituitary Growth Hormone mRNA. | MS |
| 1992 | Pathobiology | Lee, Jiann-Gwu | R. Curtis Bird | Growth Hormone, Growth Hormone Releasing Hormone and Somatostatin Gene Expression in the Streptozotocin Induced Diabetic Rat. | MS |
| 1992 | Pathobiology | Lien, Yi-Yang | Victor S. Panagala | Characterization of Pasteurella multocida Antigens. | MS |
| 1992 | Pathobiology | Lockaby, Susan Marie Brown | Frederic J. Hoerr | Evaluation of Immunohistochemical Techniques in the Diagnosis of Newcastle Disease in Chickens. | MS |
| 1992 | Pathobiology | Martinez, Mitzi Loraine | Richard C. Weiss | Comparative Studies of Feline Infectious Peritonitis Virus and Other Animal Coronaviruses using Monoclonal Antibodies and Recombinant DNA Techniques. | PhD |
| 1992 | Pathobiology | Mdurwva, Emmanuel G. | Cindy J. Brunner | Characterization of the Biological Response of Bovine Neutrophils to Soluble Products of Pasteurella Haemolytica. | PhD |
| 1992 | Physiology and Pharmacology | Ogden, Lanell | Robert C. Wilson | Pharmacokinetics of Amikacin, Gentamicin, and Tobramycin in Rabbits. | PhD |
| 1992 | Small Animal Surgery and Medicine | Pillai, Shreekumar Ramachandran | Janet E. Steiss | Clinical, Electrophysiologic and Histopathologic Effects of Chronic Vitaming Deficiency on the Neuromuscular System of Adult Dogs and Immature Rats. | PhD |
| 1992 | Small Animal Surgery | Thomas, William Bascom | Donald C. Sorjonen | Ultrasound-Guided Brain Biopsy in the Dog. | MS |
| 1992 | Pathobiology | Wu, Gin | Richard C. Bird | Cell Cycle Phase Dependent Gene Expression and Regulation of Cell Growth. | PhD |
| 1992 | Pathobiology | Yeh, Kuang-Sheng | Stuart Price | Analysis of the PH 6 Antigen of Yersinia Pestis. | MS |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-------------------------|-----------------------------|--|--------|
| 1993 | Small Animal Surgery and Medicine | Bradley, Dino Michele | Steven F. Swaim | Biochemical and Histopathologic Evaluation of Changes in Sled Dog Paws Associated with Hypothermia and Physical Stress. | MS |
| 1993 | Small Animal Surgery and Medicine | Daley, Catherine A. | Allen R. Dillon | Effects of Ranitidine on Prednisone-Induced Hemorrhagic Gastritis in Dogs. | PhD |
| 1993 | Large Animal Surgery and Medicine | Dowling, Patricia Mary | Jeff W. Tyler | Pharmacokinetics of Ciprofloxacin in Ponies. | MS |
| 1993 | Small Animal Surgery and Medicine | Henry, Carolyn Jean | William G. Brewer, Jr. | Pharmacokinetics and Tolerance of Perfluorochemical Emulsion for Radiosensitization in Dogs. | MS |
| 1993 | Anatomy and Histology | Ling, Junxiu | S. Kincaid & G. R. McDaniel | Immunocytochemistry and Ultrastructure of Growth Plates of Broiler Chickens with High and Low Incidences of Tibial Dyschondroplasia. | PhD |
| 1993 | Pathobiology | Liu, Kaixuan | Lauren G. Wolfe | Antigen Expressed in Normal and Malignant Canine Cells Defined by a Monoclonal Antibody Generated Against Canine Mesothelioma Cells. | MS |
| 1993 | Large Animal Surgery and Medicine | Robbins, Rhonda Lee | Ian Harrison | Effect of Immediate and Delayed Vagus Nerve Grafting on Reinnervation of Induced Left Laryngeal Hemiplegia. | MS |
| 1993 | Physiology and Pharmacology | Rossmannith, Raymond C. | Dana M. Vaughn | The Effects of Arachidonic Acid and Eicosanoid Metabolites on Glutamate and Glucose Uptake in Primary Cultured Cortical Astrocytes. | PhD |
| 1993 | Pathobiology | Shah, Syed Masoom | Lloyd H. Lauerman | Avian Mycoplasma Receptors for Chicken Immunoglobulin G: Recognition, Purification, and Applications. | PhD |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|-------------------|-----------------------------------|---------------------------------|-----------------------|--|--------|
| 1993 | Physiology and Pharmacology | Suppiramaniam, Vishnu Das | Vitaly Vodyanoy | Modulation of Glutamate (AMPA) Receptors in Bilayers. | PhD |
| 1993 | Pathobiology | Whitley, Elizabeth Eloise McRae | Lauren G. Wolfe | Cytokine Modulation of Major Histocompatibility and Tumor-Associated Antigen Expression in Canine Mammary Tumor and Melanoma Cell Lines. | MS |
| 1993 | Pathobiology | You, Jinsong | Richard C. Bird | Altered Expression of Cell Cycle Regulatory Genes by Okadaic Acid. | MS |
| 1993 | Large Animal Surgery and Medicine | Zurovac, Olivera Veljko | David A. Stringfellow | Effects of Noncytopathic Bovine Viral Diarrhea Virus in a System for in vitro Production of Bovine Embryos. | MS |
| 1994 | Pathobiology | Carr, Kathleen Hall Walton | James C. Wright | Examinations of Epidemiologic Profiles of Field Isolates of Salmonella dublin in Southeastern Alabama. | PhD |
| 1994 | Pathobiology | Chambers, Margaret Andrea | Larry J. Swango | Lyme Borreliosis: Canine Field Investigations and Laboratory Studies in Dogs and Cultured Cells. | PhD |
| 1994 | Physiology and Pharmacology | Clark, Terrence Patrick | Robert J. Kemppainen | Early Glucocorticoid Negative Feedback of Adrenocorticotropin Secretion in Corticotrophs. | PhD |
| 1994 | Small Animal Surgery and Medicine | Coates, Joan Ripley | Donald C. Sorjonen | Clinicopathologic and Biochemical Effects of a 21-Aminosteroid Compound (U74389G) and Methylprednisolone on Spinal Cord Trauma in the Dog. | MS |
| 1994 | Pathobiology | Cole, Rebecca Ann | Byron L. Blagburn | Biological Characterization of Neosporacamimum (Phylum: Apicomplexa). | PhD |
| 1994 | Large Animal Surgery and Medicine | Comer, Joan Scott | Aubrey N. Baird | Stromelysin Tumor Necrosis Factor Alpha and TNF Receptors Responses to Hyaluronic Acid Transforming Growth Factor Beta in Atrophied Articular Cartilage in Canine Stifles. | MS |
| 1994 | Small Animal Surgery | Fitch, Randall Bruce | R. D. Montgomery | Intercondylar Notch Stenosis in the Stable and Unstable Canine Stifle. | MS |

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BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-------------------------|---|---|--------|
| 1994 | Anatomy and Histology | Kammermann, John Robert | Steven A. Kincaid | Immunolocalization of TNF- α Stromelysin and TNF Receptors in Canine Osteoarthritic Cartilage. | PhD |
| 1994 | Large Animal Surgery and Medicine | Montes, Ana Josephine | Dwight F. Wolfe | Heat Shock Response in the Bovine Testis. | MS |
| 1994 | Small Animal Surgery and Medicine | Pernell, Robert Thomas | James L. Milton | Femoral Strain Distribution and Implant Stability Following Insertion of a Cementless Canine Femoral Prosthesis: The Effects of Implant Orientation, Canal Fill and Implant Fit. | MS |
| 1994 | Pathobiology | Pinckney, Rhonda Denise | Byron L. Blagburn | Investigation of the TS-4 Temperature-Sensitive Mutant of <i>Toxoplasma gondii</i> in Mice and Pigs. | PhD |
| 1994 | Pathobiology | Su, Shiawhwa Paul | Richard C. Bird | Molecular Cloning and Characterization of mRNAs from a Subtractive G1 Phase cDNA Library. | PhD |
| 1994 | Physiology and Pharmacology | Zerbe, Carole Anne | Robert J. Kemppainen | Regulation of Adrenocorticotropin and Alpha-Melanocyte Stimulating Hormone Secretion from the Pituitary. | PhD |
| 1994 | Pathobiology | Zhou, Jie | Henry J. Baker | GM1 Ganglioside Induced Enhancement of Thymocyte Apoptosis. | PhD |
| 1995 | Large Animal Surgery and Medicine | Brendemuehl, James P. | Timothy R. Boosinger & Robert C. Carson | Effects of Grazing Tall Fescue Infected with the Endophyte <i>Acremonium coenophialum</i> on Conception, Progestogen Production and Parturition in the Mare and Endocrine Function in the Newborn Foal. | PhD |
| 1995 | Pathobiology | Chang, Ching-Dong | Timothy R. Boosinger | Pathophysiology of <i>Helicobacter pylori</i> Infections in Conventional Pigs. | PhD |
| 1995 | Small Animal | Hamilton, Holly Lynn | Robert D. Whitley | Corneal Incision Closure by Holmium Laser Welding. | MS |
| 1995 | Physiology and Pharmacology | Heath, Holly L. | James L. Sartin | The Effects of Endocrine Pretreatment on Growth, Endocrine, and Immune Function in Cattle Infected with <i>Eimeria bovis</i> . | MS |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|---|---------------------------------------|--|--------|
| 1995 | Radiology | Jones, Jeryl Christley | Jan E. Bartels | Investigation of Canine Lumbosacral Stenosis Using Computed Tomography and Ultrasonography. | PhD |
| 1995 | Anatomy and Histology | Josephson, Eleanor McFarland Caudill | Donald F. Buxton | The Olfactory-Striatal Interface: Anatomy of the Input to the Olfactory Tubercle. | PhD |
| 1995 | Physiology and Pharmacology | Mount, Martha Jane Douglas | Clinton D. Lothrop, Jr. | Gene Therapy of Canine Hemophilia A. | MS |
| 1995 | Physiology and Pharmacology | Terse, Pramod S. | B. W. Kemppainen | In Vitro and In Vivo Toxicity of Mycotoxins. | PhD |
| 1995 | Large Animal Surgery and Medicine | Todhunter, Patrick G. | Ram C. Purohit & Steven A. Kincaid | Immunohistochemical Evaluation of a Model of Equine Synovitis-Induced Arthritis. | MS |
| 1995 | Physiology and Pharmacology | Yu, Anthony Alexander | Robert J. Kemppainen | Comparison of the Effects of Endotoxin on Thyrotropin-Releasing Hormone and Thyrotropin Response Tests in Health Dogs. | MS |
| 1996 | Pathobiology | Davidson, Mark L. | Joseph C. Newton, Jr. | Characterization of the Outer Membrane Proteins of Flavobacterium columnare and Examination of their Antigenicity of Channel Catfish (<i>Ictalurus punctatus</i>). | MS |
| 1996 | Pathobiology | Lipscomb, Desiree L. | Mary K. Boudreaux | Analysis of Equine Platelet Proteins. | MS |
| 1996 | Pathobiology | Liu, Hong | Richard Curtis Bird | Characterization of the Promoter Sequence of Cyclin Dependent Kinase I Gene. | MS |
| 1996 | Small Animal Surgery and Medicine | Mauser, Amy Elizabeth | Clinton D. Lothrop, Jr. | Gene Therapy of Canine Hemophilia B. | PhD |
| 1996 | Pathobiology | Sangare, Oumou | James C. Wright | Investigation of the Serologic Response of Cattle to Bluetongue and Study of the Efficacy of a New Cell Line for Growth of the Virus. | MS |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|---------------------------|---------------------------------------|---|--------|
| 1996 | Pathobiology | Sealey, Wendy Michele | Phillip H. Klesius | Effect of Dietary Iron Level and Source on the Growth and Immune Response of Channel Catfish <i>Ictalurus punctatus</i> | MS |
| 1996 | Pathobiology | Silverstein, Peter Steven | Richard C. Bird & Vicky L. Van Santen | Transcripts Encoded in the Terminal Repeat Region of Channel Catfish Virus (CCV). | PhD |
| 1996 | Physiology and Pharmacology | Vodela, Jayanth Kumar | Barbara W. Kempainen | Effect of Water Quality on Performance, Immune Function and Reproductive Status in Meat-Type Chickens. | PhD |
| 1996 | Large Animal Surgery and Medicine | Waldrige, Bryan Meredith | David G. Pugh | The Effect of Subcutaneous Selenium Administration on Whole Blood Selenium and Glutathione Peroxidase in Llamas. | MS |
| 1996 | Small Animal Surgery and Medicine | Wilson, Eric Richard | Ralph A. Henderson | Comparison of Laparoscopic and Belt-Loop Gastropexy in Dogs. | MS |
| 1996 | Anatomy and Histology | Wolfe, Karen Goad | Edward E. Morrison | Lectins and Their Carbohydrate Affinities as Potential Factors in Attachment of <i>Edwardsiella ictaluri</i> in the Nasal Mucosa of Channel Catfish (<i>Ictalurus punctatus</i>). | MS |
| 1996 | Pathobiology | Zhang, Lu | Vicky L. Van Santen | Characterization of Bovine Herpes virus 4 (BHV-4) Immediate Early 2 Gene Product and its Responsive Elements. | PhD |
| 1997 | Anatomy and Histology | Baird, Debra Kay | Steven A. Kincaid | Low-Field Magnetic Resonance Imaging: Application in the Study of Osteoarthritis and the Canine Stifle Joint. | PhD |
| 1997 | Pathobiology | Darwish, Ahmed Mohamed | John Plumb & Joseph C. Newton | The Pathogenesis of Experimental <i>Edwardsiella tarda</i> Infection in Channel Catfish (<i>Ictalurus punctatus</i>). | PhD |
| 1997 | Physiology and Pharmacology | Goel, Saryu | Barbara W. Kempainen | Toxicity of <i>Fusarium Moniliforme</i> and <i>Acremonium coenophialum</i> Mycotoxins and Evaluation of their Potential Interaction with Each Other. | PhD |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|----------------------------|----------------------|--|--------|
| 1997 | Pathobiology | Harper, Kristi Michele | Lauren G. Wolfe | Liposomal Delivery of Doxorubin in Studies of Canine Mammary Carcinoma In vitro and In Nude Mice. | MS |
| 1997 | Large Animal Surgery and Medicine | Heath, Allen Munro | Robert L. Carson | The Effects of Testicular Biopsy on the Bovine Testicle. | MS |
| 1997 | Small Animal Surgery and Medicine | Hnilica, Keith Allen | John McDonald | Induced Leukotriene Synthesis in Dogs with Naturally Occurring Flea Allergy. | MS |
| 1997 | Small Animal Surgery and Medicine | Huber, Michael Lawrence | Ralph A. Henderson | Transverse Flap Tracheostomy in Dogs. | MS |
| 1997 | Anatomy, Physiology and Pharmacology | Karahan, Siyami | Steven A. Kincaid | Influence of a Low Impact Exercise Program on the Presence of Substance P, Beta-Endorphin and MU Receptors in Synovial Joints. | MS |
| 1997 | Large Animal Surgery and Medicine | Lowder, Michael Quintin | James G. W. Wenzel | The Effects of Salmonella tyhimurium on Early Pregnancy in the Mare. | MS |
| 1997 | Pathobiology | Ozen, Hasan | Stephen D. Lenz | Immunolocalization of Antigens Recognized by Monoclonal Antibodies 1 A10 and 4A9 in a Canine Mammary Tumor Cell Line. | MS |
| 1997 | Large Animal Surgery and Medicine | Trachte, Elizabeth A. | M. Gatz Riddell, Jr. | Washing and Trypsin of In Vitro Derived Bovine Embryos Exposed to Bovine Viral Diarrhea Virus. | MS |
| 1997 | Small Animal Surgery and Medicine | Vincent-Johnson, Nancy Ann | Douglass K. McIntire | Canine Hepatozoonosis: A Comparison of the Syndromes seen in the United States and Other Regions of the World. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|-----------------------|---|---|--------|
| 1997 | Anatomy & Physiology | Wang, Nai-Zhen | Barbara W. Kempainen | Percutaneous Penetrations of Dazmegrel, a Selective Thromboxane Synthetase Inhibitor, from Bioelastic Membranes. | PhD |
| 1998 | Pathobiology | Bradley, Dino Michele | Steven Swaim | The Effects of Topically-Applied Acemannan on the Healing of Wounds with Exposed Bone. | PhD |
| 1998 | Anatomy, Physiology and Pharmacology | Brower, Gregory Leon | Joseph S. Janicki | Chronic Volume Overload: Contribution of Ventricular Remodeling to the Pathogenesis of Heart Failure in Rats. | PhD |
| 1998 | Pathobiology | Cheadle, Mark A. | Byron Blagburn | The Ultrastructure of Gametogenesis of Cryptosporidium bailey(Ermeriorina: Cryptosporididae) in Respiratory Tract of Broiler Chicks (Gallus Domesticus). | MS |
| 1998 | Small Animal Surgery and Medicine | Klopp, Lisa S. | Donald C. Sorjonen | Ventral and Dorsolateral Neurosurgical Approaches to the Caudal Brain Stem of the Dog. | MS |
| 1998 | Small Animal Surgery | Liu, Kaixuan | Clinton Lothrop, Jr. | Gene Therapy of Blood Diseases with Retroviral Vectors. | PhD |
| 1998 | Physiology and Pharmacology | Salli, Ugur | Timothy D. Braden | Keratinocyte Growth Factor (KGF) Expression by the Bovine Corpus Luteum. | MS |
| 1998 | Anatomy and Physiology | Sinnarajah, Srikumar | Vitaly Vodyanoy | Regulation of adenylyl cyclase by Gasolf and Gai proteins in cilia of olfactory neurons | PhD |
| 1998 | Pathobiology | Zilberg, Dina | Phillip H. Klesius & Kenneth E. Nusbaum | Immunoglobulin, Antibody Production and Mucous Secretion in the Skin of Channel Catfish, Ictalurus punctatus. | PhD |
| 1999 | Radiology | Beard, Debra McDonald | William R. Brawner, Jr. | The Effect of Ethanol Infected into Cat Thyroid Glands. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|----------------------------|----------------------------------|--|--------|
| 1999 | Anatomy, Physiology and Pharmacology | Cao, Qiongfang | Joseph S. Janicki | Effect of Angiotensin Converting Enzyme Inhibitors on Myocardial Matrix Metalloproteinase Activity in Rats with Ventricular Volume Overload. | MS |
| 1999 | Small Animal Surgery and Medicine | Daye, Robert Mark | Ralph A. Henderson | Interlocking Box Jejunostomy in Dogs. | MS |
| 1999 | Pathobiology | Heard, Daniel B. | Frederic J. Hoerr | Genetic Characterization of Vaccine and Case Isolates of Avian Infectious Bronchitis Virus. | MS |
| 1999 | Pathobiology | Lockaby, Susan Marie Brown | Frederic J. Hoerr | Virulence factors associated with pathogenicity of Mycoplasma synoviae infection in chickens | PhD |
| 1999 | Large Animal Surgery and Medicine | Kisthardt, Kevin Kenneth | Ram C. Purohit & John Schumacher | Oral Versus Intravenous Lyophilized Immunoglobulins for Treatment of Failure of Passive Transfer in Neonate Calves. | MS |
| 1999 | Anatomy, Physiology and Pharmacology | Koterbay, Amy M. | Arvle E. Marshall | Congenital Hereditary Deafness in Jack Russell Terriers: Histological Observations of Cochlear Degeneration and the Superficial Structural Changes of the Auditory Cortex. | MS |
| 1999 | Pathobiology | Liu, Li | Victor S. Panagala | Molecular Genetic Analysis of the M9 Protein of Mycoplasma gallisepticum PG13. | PhD |
| 1999 | Anatomy, Physiology and Pharmacology | Martin, Douglas Ray | Henry J. Baker, Jr. | Gene Therapy of the Gangliosidoses. | PhD |
| 1999 | Clinical Sciences | Niemeyer, Glenn Paul | Clinton D. Lothrop | Characterization of Canine Cyclic Hematopoieses. | PhD |
| 1999 | Large Animal Surgery | Rodgerson, Dwayne Howard | James K. Belknap | The Equine Digital Artery Smooth Muscle Cell in Culture: Characterization of its Phenotype and Expression of Proinflammatory Mediators. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|--------------------------------|--------------------------------------|---|--------|
| 1999 | Anatomy, Physiology and Pharmacology | Ye, Lingxiang | Ralph Paxton | Purification and Characterization of Insulin Receptor from Rabbit Liver, Bovine Liver, and Rabbit Heart. | PhD |
| 2000 | Anatomy, Physiology and Pharmacology | Brogan, Michelle | Robert J. Kemppainen | Regulation of Dexrasi by Endogenous Steroids. | PhD |
| 2000 | Anatomy, Physiology and Pharmacology | Brown, Tina | Timothy D. Braden | Expression of Insulin-Like Growth Factor Binding Protein-3 (IGFB-3) and Effects of IGFB-2 and -3 in the Bovine Corpus Luteum | MS |
| 2000 | Anatomy, Physiology and Pharmacology | Dennis, John Carroll | Edward E. Morrison | Immunocytochemical Analysis of Rat Main and Accessory Olfactory Epthelia Transplanted to Cerebral Cortex. | PhD |
| 2000 | Pathobiology | Dias, Maria | R. Curtis Bird & Kenneth E. Nusbaum | Use of Antisense Oligonucleotides to Inhibit the Expression of Channel Catfish Genes. | MS |
| 2000 | Pathobiology | Fiorentin, Laurimar | Victor S. Panagala & Stuart B. Price | Molecular Characterization of Selected Mycoplasma iowae Surface Antigen. | PhD |
| 2000 | Clinical Sciences | Fontaine, Genevieve Lucie Anne | James K. Belknap | Molecular Cloning of Equine-Specific Cytokines and Expression of Interleukin-1b in Equine Digital Lamiae at the Onset of Laminitis. | MS |
| 2000 | Pathobiology | Givens, Maurice Daniel | David A. Stringfellow | Potential for Transmission of Bovine Viral Diarrhea Virus via in Vitro-Derived Bovine Embyros. | PhD |
| 2000 | Anatomy, Physiology and Pharmacology | Gunter, David R. | James L. Sartin | Growth Hormone-Induced Proliferation of B Lymphocytes is Mediated by Protein Kinase C. | PhD |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|-----------------------------|----------------------|--|--------|
| 2000 | Pathobiology | Hagood, Lynn Thomas | James C. Wright | Analysis of Risk Factors and Production Losses Associated with Chicken Infectious Anemia Virus and Infectious Bronchitis Virus in Commercial Broilers. | MS |
| 2000 | Pathobiology | Hill, Benjamin | Kenny V. Brock | An Estimated Prevalence of Johne's Disease in a Sub-Population of Alabama Beef Cattle as Determined by the Presence of Antibodies against Mycobacterium avium Subspecies Paratuberculosis. | MS |
| 2000 | Pathobiology | Huang, Jin | Bernhard Kaltenboeck | Mechanisms of Chlamydial Lung Disease. | PhD |
| 2000 | Large Animal Surgery and Medicine | Johnson, Christopher R. | R. Reid Hanson | The Effects of Cortical Fenestration on Second Intention Healing of Wounds over exposed bone of the Distal Aspect of the Limb of Horses. | MS |
| 2000 | Pathobiology | Lipscomb, Desiree Lynn | Mary K. Boudreaux | Nucleotide sequence of canine genes that encode integrin subunits alpha-IIb and beta-III and identification of the putative genetic basis for Type I Glanzmann's thrombasthenia in a Great Pyrenees Dog. | PhD |
| 2000 | Pathobiology | Ruffin, Debra Carol Collins | Victor S. Panagala | Transposon mutagenesis of Mycoplasma gallisepticum by conjugation with Enterococcus faecalis | MS |
| 2000 | Small Animal Surgery and Medicine | Rynders, Patricia Ellen | Allen R. Dillon | Mycardial Integrins in the Development of Heart Failure in Dogs. | PhD |
| 2000 | Anatomy, Physiology and Pharmacology | Srikumar, Deepa | Vitaly Vodyanoy | Identification and Role of RGS Proteins in the Olfactory System. | MS |
| 2000 | Clinical Sciences | Steiger, Rudolf Richard | James K. Belknap | Expression of COX-2 by Cellular Components of Equine Digital Vasculature in Culture. | MS |
| 2001 | Anatomy & Physiology | Behrend, Ellen Nicole | Robert J. Kempainen | The Role of Dexras 1 in Corticotrophs. | PhD |

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BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--|---------------------------------|--|--|--------|
| 2001 | Pathobiology/ Scott-Ritchey Research Center | Gibb, Tammy R. | Henry J. Baker | Early Recognition of Filoviral Infections: Evaluation and Development of Diagnostic Assays. | PhD |
| 2001 | Clinical Sciences | Griffin, Brenda | James S. Wohl | A Model of Non-invasive Monitoring of Ovarian Function in the Domestic Cat. | MS |
| 2001 | Pathobiology | Macdonald, Angie L. | Lauren G. Wolfe | Characterization of an Antigen Defined by a Monoclonal Antibody Generated against Canine Mammary Carcinoma Cells. | MS |
| 2001 | Clinical Sciences | Meyer, Gregory A. | Reid Hanson | Elution Characteristic, Ultrastructure, Bioavailability, and Tissue Reactivity of Antibiotic Impregnated Plaster of Paris Beads in the Horse. | MS |
| 2001 | Clinical Sciences | Mount, Jane Douglass | Clinton D. Lothrop | Adeno-Associated Virus-Mediated Gene Therapy for Hemophilia B in an Inhibitor-Prone Canine Model. | PhD |
| 2001 | Physiology and Pharmacology | Pritchard, Wilson C. | Steven A. Kincaid | Collagen Immunohistochemistry and Mineral Localization in the Peripheral Epiphysela Growth Plate in Two Strains of Gallus Domesticus with Differing Tendencies for the Development of Tibial Dyschondroplasia. | PhD |
| 2001 | Clinical Sciences | Smith, Annette Noel | Allen R. Dillon | Serum Vascular Endothelial Growth Factor (VEGF) Concentrations in Canine Patients: Normal, Benign, Splenic Disease, and Hemangiosarcoma Cases. | MS |
| 2001 | Clinical Sciences | Wentz, Philip Anthony | Ellen Belknap | Evaluation of Bovine Viral Diarrhea Virus in New World Camelids. | MS |
| 2001 | Pathobiology | Whitley, Elizabeth M. | Lauren G. Wolfe | Flow Cytometric Analysis of the Canine B7 Costimulatory System and Evaluation of Mononuclear Cell Proliferation in Response to B7-Transgenic Canine Mammary Tumor Cells. | PhD |
| 2002 | Pathobiology | Edens, Mylissa Shonda Divina | Robert L. Carson, Jr. & David A. Stringfellow | Bovine Herpesvirus-1 Associated with Single, Trypsin Treated Embryos is not Infective for Uterine Tubal Cells. | MS |

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BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|---------------------------|------------------------------|--|--------|
| 2002 | Clinical Sciences | Flournoy, William Shannon | James S. Wohl | The Pharmacological Identification of D1 Dopamine Receptors in Feline Kidneys using Radiological Binding Techniques. | MS |
| 2002 | Pathobiology | Hudson, James Carey | Sandra J. Ewald | Immunogenetic and Chemotherapeutic Approaches to Controlling Infectious Bursal Disease. | PhD |
| 2002 | Scott-Ritchey Research Center | Jiang, Weiwen | Henry J. Baker & Bruce Smith | Nucleic Acid Vaccination and Adjuvantation. | PhD |
| 2002 | Anatomy, Physiology and Pharmacology | Jobe, Lynetta Johnson | Joseph Janicki | Contribution of Tumor Necrosis Factor Alpha to the Pathogenesis of Ventricular Remodeling in Rats with Chronic Volume Overload. | PhD |
| 2002 | Anatomy and Histology | Karahan, Siyami | Steven Kincaid | Development of In vivo Models of Osteoarthritis and Evaluation of Exogenous Glycosaminoglycans and Non-sterenous Exercise of Osteoarthritic Rat Stifle Joint: Histopathology, Bone Density, and Expression of Neuropeptides and their Receptors. | PhD |
| 2002 | Scott-Ritchey Research Center | Lauten, Susan D. | Henry J. Baker | Body Composition Analysis in Dogs and Cats during Growth and Aging. | PhD |
| 2002 | Clinical Sciences | Lurye, Jill C. | Ellen N. Behrend | Evaluation of Reverse Iontophoresis as a Method of Non-Invasive Glucose Monitoring in Dogs and Cats. | MS |
| 2002 | Unknown | Migone, Felicia Kay | Bruce F. Smith | Okadaic Acid Stimulated CDK I Expression as a Model of Transcription Activation Events that Accompany GO/GI Transition. | MS |
| 2002 | Clinical Sciences | Waguespack, Richard W. | James K. Belknap | Differential Expression of Inflammatory Mediators During the Developmental Stages of Laminitis. | MS |
| 2002 | Clinical Sciences | Winkler, James Thomas | Ralph A. Henderson | Effect of a Porcine Derived Small Intestinal Submucosa Product in Treating Wounds with Exposed Bone. | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------|----------------------------|--------------------------------------|---|--------|
| 2002 | Pathobiology | Witherow, Allison K. | Byron L. Blagburn | Differentiation of Neospora Species by Random Amplified Polymorphic DNA-Polymerase Chain Reaction. | MS |
| 2003 | Clinical Sciences | Christmann, Undine | John Schumacher | Comparison of Lung Surfactant Qualities between Normal Horses and Horses with Recurrent Airway Obstruction. | MS |
| 2003 | Pathobiology | Eiland, Christopher Brooks | Byron L. Blagburn | Prevalences of Dirofilaria immitis, Other Endoparasites, Extoparasites, and Selected Viral Agents in Random Source Cats from East Central Alabama. | PhD |
| 2003 | Clinical Sciences | Kidney, Carolyn M. | John M. McDonald | The Determination of the Expression of POMC mRNA and its Related Peptide, Bendorphin, in the Skin of Dogs with Allergic Skin Disease Compared to Normal Controls. | MS |
| 2003 | Clinical Sciences | Taintor, Jennifer S. | John Schumacher | Comparison of Pressure within the Corpus Spongiosum Penis During Urination between Geldings and Stallions. | MS |
| 2003 | Pathobiology | Waldrop, Julie A. Gard | M. Gatz Riddell & David Stringfellow | Infectivity of Bovine Viral Diarrhea Virus Associated with In vivo Derived Bovine Embryos. | PhD |
| 2004 | Clinical Sciences | Axlund, Todd | Stephen Simpson | Hypophysectomy in dogs using an ultrasonic aspirator and a novel surgical approach | MS |
| 2004 | Clinical Sciences | Cohen, Michele | Annette N. Smith | Use of a Soft Tissue Equivalent Material in the Canine Nasal Cavity to Maximize Mega Voltage Radiation Dose Distribution. | MS |
| 2004 | Clinical Sciences | Compton, Shannon | Ellen Behrend | Functional Analysis of PRAF1 and its Effect on Corticotrophic ACTH Secretion | MS |
| 2004 | Clinical Sciences | Gomez, Jorge H. | Jim Belknap | Effects of Three Biological Dressings on Healing of Cutaneous Wounds on the Limbs of Horses. | MS |
| 2005 | Pathobiology | Billeter, Sarah Arnao | Byron L. Blagburn | Seroprevalence and Attempted Transmission of Anaplasma phagocytophilum and Borrelia burgdorferi from Naturally Infected Ticks to Cats | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|-------------------------|----------------------|---|--------|
| 2005 | Clinical Sciences | Boozer, Lindsay | Ellen Behrend | Pituitary-adrenal axis function in dogs with neoplasia | MS |
| 2005 | Pathobiology | Brigati, Jennifer Renee | Valery Petrenko | Development And Study Of Phage-Derived Detection Probes | PhD |
| 2005 | Clinical Sciences | Broaddus, Kristyn | Michael Tillson | Renal Allograft Histopathology in Dog Leukocyte Antigen (DLA) Mismatched Dogs Following Renal Transplantation | MS |
| 2005 | Anatomy, Physiology and Pharmacology | Ding, Min | Robert Judd | Regulation of Glucose Metabolism in a Hepatic and Muscle Cell Line by Adiponectin | PhD |
| 2005 | Pathobiology | Fan, Zhenchuan | Ya-Xiong Tao | Development of a Recombinant noncytopathic Bovine Viral Diarrhea Virus Stably Expressing Enhanced Green Fluorescent Protein | MS |
| 2005 | Pathobiology | Kim, Teayoun | Bernhard Kaltenboeck | Multivariate Analyses of Disease Outcomes of Chlamydial Infections in Cattle and Mice | PhD |
| 2005 | Anatomy, Physiology and Pharmacology | Krumnow, April | Vitaly Vodyanoy | Preserving Biological Materials in Protective Polymers | PhD |
| 2005 | Anatomy, Physiology and Pharmacology | Nanduri, Viswaprakash | Vitaly Vodyanoy | Phage at the Air Liquid Interface for the Fabrication of Biosensors | PhD |
| 2005 | Large Animal Surgery and Medicine | Serena, Alberto | Reid Hanson | Synovial Membrane Microarthroscopy of the Equine Midcarpal Joint: Technique Application and Evaluation of Four Vital Stains | MS |
| 2006 | Clinical Sciences | Abrams, Misty | Dan Givens | Effective Detection of Epidemiologically Significant Persistent Infections of Bovine Viral Diarrhea Virus | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|-----------------------|-------------------|--|--------|
| 2006 | Pharmacology | El-Orabi, Naglaa | Dean Schwartz | Heat Stress Induces Downregulation of Hippocampal Superoxide Dismutase-1; a Possible Mechanism for Heat-Related Neuronal Cell Death | PhD |
| 2006 | Pathobiology | Joiner, Kellye | Frederic Hoerr | Influence of the Chicken Major Histocompatibility Complex on the Pathogenesis of Bacterial Skeletal Disease, Chicken Infectious Anemia and Infectious Bronchitis | PhD |
| 2006 | Large Animal Surgery | Rodning, Soren | Dwight Wolfe | Prevalence of Trichomoniasis in Alabama Beef Bulls | MS |
| 2006 | Large Animal Surgery and Medicine | Sanchez, Alberto | Joel Lugo | Pharmacokinetics and Pharmacodynamics of Enrofloxacin and Low-Dose Amikacin after Regional Intravenous Limb Perfusion in Standing Horses | MS |
| 2006 | Clinical Sciences | Sellers, Glenn | Hui-Chu Lin | Pharmacokinetics of Ketamine and Lidocaine in Serum and Milk of Mature Holstein Cows | MS |
| 2006 | | Stroup, Shannon | | | MS |
| 2006 | Anatomy, Physiology and Pharmacology | Viswaprakash, Nilmini | Vitaly Vodyanoy | Enhancement, Modulation and Electrophysiological Characterization of Murine Olfactory Neurons to Odorant Stimulation in Vitro | PhD |
| 2007 | Anatomy, Physiology and Pharmacology | Bedi, Deepa | Robert Judd | Regulation of adiponectin secretion by endothelin-1 and myosin II | PhD |
| 2007 | Clinical Sciences | Bohling, Mark | Ralph Henderson | Cutaneous Wound Healing in the Cat: A Macroscopic and Histologic Description and Comparison with Cutaneous Wound Healing in the Dog | PhD |
| 2007 | Pathobiology | Brunson, Brandon | Robert Judd | Characterization of Adiponectin in the Canine | PhD |
| 2007 | Pathobiology | Carreno, Abigail | Calvin M. Johnson | In vivo endothelial cell infection by Anaplasma marginale | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|---------------------------------|---------------------------|------------------|---|--------|
| 2007 | Clinical Sciences | Compton, Shannon | Ellen Behrend | Functional Analysis of PRAF1 and its Effect on Corticotrophic ACTH Secretion | MS |
| 2007 | Cellular & Molecular Physiology | Gray-Edwards, Heather | Dean Schwartz | Protection from Oxidative Stress in the Cardiac H9C2-Cell Line by the Transcription Factor NrF2 | PhD |
| 2007 | Anatomy & Histology | Howe, Allison | James Sartin | | MS-NT |
| 2007 | Pathobiology | Marley, Mylissa | Dan Givens | Assessment of methods to minimize transmission of bovine herpesvirus associated with embryos | PhD |
| 2007 | Pathobiology | O'Neill, Ann | Sandra Ewald | Polymorphism in chicken immune response genes and resistance to disease | PhD |
| 2007 | Pathobiology | Pohlman, Lisa | Elizabeth Welles | | MS-NT |
| 2007 | Clinical Sciences | Rodriguez-Hurtado, Isabel | Allison Stewart | The presence of the hyaluronan receptor CD44 in the reproductive tract of the mare | MS |
| 2007 | Clinical Sciences | Simon, Erika | | | MS |
| 2007 | Pathobiology | Vaglenov, Kiril | Valery Petrenko | Development and study of phage-based microarray and dot-blot | PhD |
| 2008 | Clinical Sciences | Atilla, Aylin | | Canine Cutaneous Masses: Is there a surgical "Magic Margin" | MS-NT |
| 2008 | Physiology and Pharmacology | Carnes Brogan, Michelle | Stephen Simpson | Pharmacokinetics of Levetiracetam in Normal Cats Following Single Oral and Intravenous Dosing. | MS-NT |
| 2008 | Pathobiology | Christopherson, Peter | Mary Boudreaux | Clinical, Biochemical, and Molecular Aspects of Glanzmann Thrombasthenia in Horses | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|---------------------------------|-----------------|----------------------|---|--------|
| 2008 | Clinical Sciences | Corrigan, Anne | Ellen Behrend | Effects of Glucocorticoids on Serum Aldosterone and Electrolyte levels | MS-NT |
| 2008 | Pathobiology | Fan, Zhenchuan | R. Curtis Bird | Functional characterization and pharmacological rescue of the human and porcine neural melanocortin receptors | PhD |
| 2008 | Pathobiology | Harder, Kendal | Kenneth E. Nusbaum | Interferon kinetics and its effect on DNA vaccine induced immunity in channel catfish (<i>Ictalurus punctatus</i>) | MS |
| 2008 | Large Animal Surgery | Harper, Justin | Fred Caldwell | Effects of Analgesia of the Digital Flexor Tendon Sheath on Pain in the Equine Foot using Experimentally Induced Lameness Models. | MS-NT |
| 2008 | Clinical Sciences | Henke, Nicole | Allison Stewart | | MS-NT |
| 2008 | Cellular & Molecular Physiology | Hu, Xueyou | Edward Morrison | Iron-Regulatory Function of Heparin in the Channel Catfish and Western Clawed Frog | PhD |
| 2008 | Pathobiology | Kuhnt, Leah | Calvin Johnson | Magnetic Resonance Imaging of Radiation-Induced Thymic Atrophy as a Model for Pathologic Changes in Acute Feline Immunodeficiency Virus Infection | MS |
| 2008 | Pathobiology | Li, Yihang | Bernhard Kaltenboeck | Therapeutic Vaccines against Chlamydial Diseases | PhD |
| 2008 | Scott-Ritchey Research Center | Meng, Ronghua | Carl Pinkert | Molecular Mechanisms Associated with Canine Cyclic Hematopoiesis | PhD |
| 2008 | Anatomy & Histology | Nelms, Laurie | James Sartin | | MS-NT |
| 2008 | Clinical Sciences | Presley, Robert | Ray Dillon | Autologous Mesenchymal Stem Cells in Experimental Mitral Valve Regurgitation of Dogs Promotes Local Collagen Production | MS-NT |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|---------------------------|---------------------|------------------------------------|---|--------|
| 2008 | Clinical Sciences | Savigny, Michelle | Douglass K. Macintire | Use of oseltamivir in canine parvoviral enteritis | MS |
| 2008 | Pathobiology | Stockdale, Heather | Byron Blagburn | Biological characterization of Tritrichomonas foetus of bovine and feline origin | PhD |
| 2008 | Pathobiology | Summerford, William | James Sartin | | MS |
| 2008 | Clinical Sciences | Wilborn, Robyn | James L. Sartin & Robert L. Carson | Effect of kisspeptin on the hypothalamic-pituitary-gonadal axis of the mare | MS |
| 2009 | Clinical Sciences | Almond, Greg | Judith A. Hudson | Depth-corrected versus non depth-corrected GFR determination by quantitative renal scintigraphy in the dog | MS |
| 2009 | Clinical Sciences | Brugmann, Bonnie | Annette Smith | In Vitro Evaluation of MDR1 After Exposure to Prednisolone and Enrofloxacin | MS-NT |
| 2009 | Pharmacology | Debavalya, Nipattra | Dawn Boothe | Impact of Antimicrobial Therapy on Fecal Escherichia coli in Dogs | PhD |
| 2009 | Cardiovascular Physiology | Gao, Hui | Juming Zhong | Regulation of Potassium Channel in Ventricular Myocytes of Rat Following Volume Overload | PhD |
| 2009 | Pathobiology | Jayanna, Prashanth | Valery Petrenko | Therapeutic Liposomes for Prostate Cancer Targeted by Phage Fusion Coat Proteins | PhD |
| 2009 | Large Animal Surgery | Johnson, Jason | Dan Givens | Experimental exposure of naive alpacas to different genotypes of bovine viral diarrhea virus isolated from cattle and alpacas | MS |
| 2009 | Clinical Sciences | Pinto, Nelson | John Schumacher | Pharmacokinetics of Amikacin after a single intravenous dose | MS |
| 2009 | | McGraw, Andrew | | | MS-NT |
| 2009 | Clinical Sciences | Narak, Jill | Nancy Cox | | MS-NT |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|-----------------------|----------------------|---|--------|
| 2009 | Endocrinology & Physiology | Rogers, Colin | Dean Schwartz | Heat stress and ischemia/reperfusion cause oxidative stress via NADPH oxidase in hypothalamic neurons | PhD |
| 2009 | Veterinary Sports Medicine | Sanders, Jennifer | Robert L. Gillette | Effect of two bandage protocols on equine fetlock kinematics | MS |
| 2009 | Pharmacology | Shaheen, Bashar | Dawn Boothe | The Role of gyrA, Efflux Pump and Integrins in Mediating the Emergence of Multi-Drug Resistance among Canine and Feline Pathogenic Clinical Escherichia coli | PhD |
| 2009 | Pathobiology | Stephenson, Melynda | Kenny V. Brock | Prevalence of stocker calves persistently infected with bovine viral diarrhea virus in the Southeast determined using immunohistochemistry on skin biopsies | MS |
| 2009 | Physiology | Whitlock, Brian Keith | James Sartin | Kisspeptin, a Novel Hypothalamic Regulator of the Somatotropic and Gonadotropic Axes in Ruminants | PhD |
| 2009 | Cellular & Molecular Physiology | Yan, Jin | Ya-Xiong Tao | Pharmacological characterization of canine melanocortin-4 receptor and its natural variant V213F | MS |
| 2009 | Pathobiology | Ziska, Sara | Kenny Brock | Development and Evaluation of a High-Speed, Continuous-Flow, Automated Plasmapheresis Procedure for the Collection of Equine Plasma According to Current Good Manufacturing Practices | PhD |
| 2010 | Pathobiology | Ahluwalia, Sudhir | Bernhard Kaltenboeck | Influence of Natural Chlamydia spp. Infection on the Health of the Ruminant Mammary Gland | PhD |
| 2010 | Clinical Sciences | Alford, Christopher | Reid Hanson | Evaluation of a Transvaginal Laparoscopic NOTES (Natural Orifice Transluminal Endoscopic Surgery) Approach to the Abdomen of Mares. | MS |
| 2010 | Small Animal Surgery and Medicine | Aubry, Oceane | Annette Smith | Significance of Multiple Bone Marrow Aspirates for Accurate Staging of Canine Hematopoietic Tumors. | MS-NT |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-----------------------------------|---------------------|--------------------|---|--------|
| 2010 | Small Animal Surgery and Medicine | Carlson, Kristen | Ellen Behrend | Optimization of a Test Protocol to Assess Aldosterone Secretory Capacity in Dogs. | MS-NT |
| 2010 | Radiology | Crabtree, Amanda | Elizabeth Spangler | The Diagnostic Accuracy of Ultrasonography in Detecting Lymphoma in the Liver and Spleen of Dogs. | MS-NT |
| 2010 | Pathobiology | Fagbohun, Olusegun | Valery Petrenko | Landscape Phage-Targeted Drug Delivery to Breast Cancer Cells | PhD |
| 2010 | Large Animal Surgery and Medicine | Funk, Rebecca | Allison Stewart | Seasonal Changes in the Combined Insulin-Glucose Tolerance Test and the Thyrotropin Releasing Hormone Stimulation in Normal Aged Horses. | MS-NT |
| 2010 | Pathobiology | Passler, Thomas | Paul Walz | The Role of the White-Tailed Deer (<i>Odocoileus Virginianus</i>) in the Epidemiology of Bovine Viral Diarrhea Virus. | PhD |
| 2010 | Small Animal Surgery and Medicine | Potter, Thomas | James Wohl | Assessment of Severity of Disease and Pituitary-Adrenal Function in Dogs Following Snakebite Envenomation. | MS-NT |
| 2010 | Endocrinology & Physiology | Parker, Lauren | Mahmoud Mansour | Immunohistochemical Localization of Melancortin 4 Receptor (MC4R) in the Colon Myenteric Plexus. | MS |
| 2010 | Small Animal Surgery and Medicine | Saile, Katrin | Ronald Montgomery | Evaluation of Cellular Composition and Function of the Mucociliary Apparatus in Healthy Beagle Dogs Before and After Placement of Self-Expanding Nitinol Tracheal Stents. | MS-NT |
| 2010 | Pathobiology | Schmidt, Alexis | Calvin Johnson | Activated Murine Thymic Plasmacytoid Dendritic Cells alter Thymopoiesis | PhD |
| 2010 | Large Animal Surgery and Medicine | Strickland, Lewrell | Dwight F. Wolfe | Histological and Surface Architectural Anatomy of the Penile and Preputial Epithelium of Bulls | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|---------------------|-------------------------|------------------|--|--------|
| 2010 | Pathobiology | Weisman, Jaime | Calvin Johnson | Nm23 Expression Correlates with Survival Among Dogs with Cutaneous Mass Cell Tumors. | MS-NT |
| 2011 | Pharmacology | Behringer, Megan | Dawn M. Boothe | Detection of Mutations in Type II Topoisomerases on Fluroquinolone Resistance in Clinical Canine Urine Escherichia coli. | MS |
| 2011 | Clinical Sciences | Bacek, Lenore | Linda Martin | Determination of the <i>in vitro</i> effects of two forms of hydroxyethyl starch solutions on thromboelastography and coagulation parameters in healthy dogs | MS-NT |
| 2011 | Pathobiology | Breedlove, Cassandra | Haroldo Toro | Avian Influenza Adenovirus-Vectored In Ovo Vaccination: Combination with Marek's Disease Vaccine | MS |
| 2011 | Pathobiology | Cannon, Matthew | Carl A. Pinkert | Mitochondrial Biology: RNA Import and Xenomitochondrial Compensatory Mechanisms | PhD |
| 2011 | Clinical Sciences | Chamorro Ortega, Manuel | Paul Walz | Evaluation of transmission of bovine viral diarrhea virus (BVDV) between persistently infected and naive cattle by the horn fly (<i>Haematobia irritans</i>) | MS |
| 2011 | Clinical Sciences | Dujovne, Ghislaine | Aime Johnson | Use of Etonogestrel Implants to Suppress Estrus Behavior in Mares | MS |
| 2011 | Clinical Sciences | Beasley, Michaela | Dawn Boothe | The pharmacokinetics of single dose extended release Keppra with and without food in healthy adult dogs | MS-NT |
| 2011 | Pathobiology | Gallardo, Rodrigo | Haroldo Toro | Avian Infectious Bronchitis Coronavirus Variation and Selection | MS-NT |
| 2011 | Clinical Sciences | Hux, Bryan | Linda Martin | Validation of sublingual and rectal capnometry in dogs as an early indicator of tissue oxygen deficits | MS-NT |
| 2011 | Animal Parasitology | Holley, Amanda | Jennifer Spencer | In vitro determination of canine immunological response due to exposure to recombinant <i>Wolbachia</i> surface protein | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|--------------------------------------|-----------------------------|--------------------------------------|---|--------|
| 2011 | Reproduction | Light, Victoria | Janet Steiss | Cranial cruciate ligament rupture in the dog; Gait analysis with an electronic walkway system and investigation in the role of steroid hormones on collagen homeostasis | PhD |
| 2011 | Pathobiology | Mesonero-Morales, Alexander | Haroldo Toro | Avian Influenza Vaccination in Breeders and Progency Chickens with RCA-free Recombinant Adenovirus | MS |
| 2011 | Membrane Biophysics | Moore, Christopher H. | Vitaly Vodyanoy | Zinc Nanoparticle Enhancement of the Olfactory Neuron Response to Odorants Associated with Explosives | MS |
| 2011 | Anatomy, Physiology and Pharmacology | Napier, India | Benson Akingbemi | The effects of soy isoflavones on testis function in the rat | MS |
| 2011 | Pathobiology | Ndegwa, Eunice N. | Vicky Van Santen | Significance of Viral Subpopulations Within Arkansas Serotype Infectious Bronchitis Virus Vaccines | PhD |
| 2011 | Clinical Sciences | Reid, Lauren | Ellen Behrend | Comparison of the Effect of Trilostane and Mitotane on Peak Serum Aldosterone Concentrations in Dogs with Pituitary-Dependent Hyperadrenocorticism | MS-NT |
| 2011 | Clinical Sciences | Stephens, Trenton | Ronald Montgomery | Segmented interlocking nail: "An in vivo evaluation of a novel humeral fracture fixation device in a caprine model | MS-NT |
| 2011 | Clinical Sciences | Voyles, Meredith | Douglas Martin | Ophthalmic Findings in a Feline Model of Sandhoff Disease and Response to Adeno-associated Virus Gene Therapy | MS-NT |
| 2012 | Pathobiology | Agarwal, Payal | R. Curtis Bird | The Cyclin-Dependent Kinase Inhibitor and Tumor Suppressor Locus <i>p16/INK4A-p14ARF</i> and Regulation of the Transition Into and Out of the Cell Cycle | PhD |
| 2012 | Clinical Sciences | Brown, Lawrence | Merrilee Holland | Comparison of three Magnetic Resonance Imaging Sequences for Measuring Cartilage Thickness in the Canine Stifle | MS |
| 2012 | Clinical Sciences | De Estrada, Joaquin | Jennifer Taintor and John Schumacher | Pharmacokinetics of lidocaine administered intraperitoneally to horses | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|-------------------|---|---|----------------------|--|--------|
| 2012 | Pathobiology | Diaz, Dubraska | Kenny Brock | Molecular epidemiology and genetic analysis of <i>Staphylococcus</i> species in companion animal medicine | PhD |
| 2012 | Anatomy, Physiology, & Pharmacology | Ketumaranahalli Nanjappa, Manjunatha | Benson Akingbemi | Regulation of Leydig Cell Differentiated Function by the Industrial Chemical Bisphenol A (BPA) | PhD |
| 2012 | Clinical Sciences | Kivett, Lisa | Jennifer Taintor | Evaluation of a Combination of Oral Administration of Phenylbutazone and Firocoxib in the Alleviation of Chronic Lameness in the Horse | MS-NT |
| 2012 | Clinical Sciences | Matz, Brad | Michael Tillson | Vessel Sealing Systems: Evaluation of Vascular Seals and Fusion Technology for Minimally Invasive Lung Biopsy | MS-NT |
| 2012 | Clinical Sciences | Palomares Naveda, Roberto | Kenny Brock | Immunopathogenesis, Prevention and Control of Bovine Viral Diarrhea Virus | PhD |
| 2012 | Pathobiology | Poudel, Anil | Bernhard Kaltenboeck | Health and Economic Impact of Ubiquitous Natural <i>Chlamydia pecorum</i> Infection in Dairy Cattle | PhD |
| 2012 | Pathobiology | Sandey, Maninder | Bruce F. Smith | Elucidation of Genomic Structure, Biological Properties, and Functional Status of Canine MDA-7 and its Receptors | PhD |
| 2012 | Clinical Sciences | Skovira, Emily | Ellen Behrend | The Effect of Surgery on the Pituitary-Adrenal Axis in Dogs | MS-NT |
| 2012 | Clinical Sciences | Sones, Evan | Annette Smith | Immunohistochemical Staining of VEGFR, PDGFR, and c-Kit in Feline Oral Squamous Cell Carcinoma | MS-NT |
| 2012 | Clinical Sciences | Umstead, Meghan | Dawn Boothe | Accuracy and precision of compounded cyclosporine capsules and solution | MS-NT |
| 2012 | Pathobiology | Wanders, Desiree | Robert Judd | Novel Pleiotropic Effects of Niacin | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------------------------|---------------------|----------------------|---|--------|
| 2012 | Anatomy, Physiology, & Pharmacology | Yang, Fan | Ya-Xiong Tao | The Functional and Structural Relationship Study of Melanocortin-3 Receptor Mutations | PhD |
| 2013 | Anatomy, Physiology, & Pharmacology | Aono, Michelle | Edward Morrison | Beta-defensin expression in the canine nasal cavity | MS |
| 2013 | Clinical Sciences | Back, Amy | Annette Smith | The evaluation of CD4+CD25+FoxP3+ regulatory T cells before and one month after metronomic chlorambucil in dogs with soft tissue sarcomas | MS-NT |
| 2013 | Clinical Sciences | Barrett, Elizabeth | Amelia Munsterman | Ex-vivo biomechanical testing of a tendon implant device in the repair of equine tendon lacerations | MS |
| 2013 | Anatomy, Physiology, & Pharmacology | Gorman, Teresa | Dean Schwartz | Adiponectin and oxidative stress in hearts of mice fed a high-fat diet | MS |
| 2013 | Pathobiology | Gurjar, Rucha | Frederick Van Ginkel | Cell mediated immunity after ocular Ark-type Infectious bronchitis virus vaccination | MS |
| 2013 | Pathobiology | Hyland, Joanna | Stuart Price | Oral Bacteriophage Treatment Reduces <i>Salmonella</i> Newport Shedding from Calves | MS-NT |
| 2013 | Clinical Sciences | Jeyakumar, Sakthila | Michael Tillson | The evaluation of skin elasticity and histologic processing on the measurement of surgical margins in cats | MS |
| 2013 | Pathobiology | Koehler, Jey | Nancy Cox | Exploration into the effects of hypoxia in an in vitro canine glioblastoma model | PhD |
| 2013 | Clinical Sciences | Koernig, Kevin | Judith Hudson | The effect of collimation on image quality and radiation safety in digital radiography of small animals | MS |
| 2013 | Anatomy, Physiology, & Pharmacology | Lazzaroni, Caterina | Dawn Boothe | Fluoroquinolone-induced mutations in <i>soxS</i> : A transcriptional regulator of AcrAB | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------------------------|-------------------------|-------------------|--|--------|
| 2013 | Clinical Sciences | Lovelady, Andrew | Dwight Wolfe | Evaluation of the accessory sex glands of the bull for the presence of <i>Tritrichomonas foetus</i> | MS |
| 2013 | Clinical Sciences | Matsuda, Mayu | Ellen Behrend | Endogenous aldosterone suppression following administration of oral fludrocortisone in healthy cats: Developing a diagnostic test for primary hyperaldosteronism | MS-NT |
| 2013 | Anatomy, Physiology, & Pharmacology | Mo, Xiulei | Ya-Xiong Tao | Human melanocortin-4 receptor: structure-function relationship of transmembrane domain 3 and biased signaling | PhD |
| 2013 | Pathobiology | Newcomer, Benjamin | M. Daniel Givens | Evaluation of a novel antiviral compound effective against multiple pestiviruses | PhD |
| 2013 | Clinical Sciences | Norton, Elaine | Anne Wooldridge | Mutational analysis and factor VIII sequence in a colt with hemophilia A | MS |
| 2013 | Clinical Sciences | Palmer, Lee | Ellen Behrend | Canine Hemorrhagic Shock Resuscitation using the Histone Deacetylase Inhibitor Valproic Acid | MS-NT |
| 2013 | Clinical Sciences | Soulsby, Stacy | Merrilee Holland | Ultrasonographic evaluation of adrenal gland size compared to body weight and aortic diameter in normal dogs | MS-NT |
| 2013 | Anatomy, Physiology, & Pharmacology | Zimmerman, Arthur | Chad Foradori | Atrazine-Induced Changes in Rodent Hepatic Enzymes and Adrenal Morphology | MS |
| 2014 | Clinical Sciences | Albanese, Valeria | Amelia Munsterman | Intra-abdominal Pressures in Horses that Crib | MS |
| 2014 | Clinical Sciences | Aldridge, Charles | Ellen Behrend | Comparison of Low-Dose ACTH Stimulation Testing in Dogs Suspected of or Being Treated for Hyperadrenocorticism | MS-NT |
| 2014 | Clinical Sciences | Campbell, Marion Wesley | Annette Smith | The Bioavailability and Pharmacokinetics of Cyclophosphamide after Oral and Intravenous Single Dose Administration in the Horse | MS-NT |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------------------------|-----------------------|-------------------------|---|--------|
| 2014 | Anatomy, Physiology, & Pharmacology | Beadlescomb, Patricia | Douglas Martin | Bony Abnormalities in Cats Affected with GM2 Gangliosidosis | MS |
| 2014 | Anatomy, Physiology, & Pharmacology | Bradbury, Allison | Douglas Martin | Immunomodulatory Effects of Intracranial Gene Therapy in Feline Sandhoff Disease | PhD |
| 2014 | Clinical Sciences | Cesar, Fernanda | Allison Stewart | Disposition of Levetiracetam in Healthy Adult Horses | MS |
| 2014 | Anatomy, Physiology, & Pharmacology | Flannery, Patrick | Satyanarayana Pondugula | Regulation of PXR-mediated CYP3A4 Gene Expression by PPM1A Phosphatase | |
| 2014 | Clinical Sciences | Grimes, Janet | Harry Boothe | MicroRNA Expression in Canine Splenic Hemangiosarcoma | MS-NT |
| 2014 | Anatomy, Physiology, & Pharmacology | Huang, Hui | Ya-Xiong Tao | Pharmacological Characterization and Rescue of Human Melanocortin-4 Receptor Mutants | PhD |
| 2014 | Clinical Sciences | Jenkins, Eileen | Tekla Lee-Fowler | The Effects of Oral Metronidazole and Doxycycline Administration on Olfactory Detection Capabilities of Explosives Detection Dogs | MS-NT |
| 2014 | Clinical Sciences | Kuo, Kendon | Elizabeth Spangler | Determination of the In Vitro Effects of Acidemia on Thromboelastography and Coagulation Parameters in Healthy Dogs | MS-NT |
| 2014 | Anatomy, Physiology, & Pharmacology | Lohani, Madhukar | Barbara Kempainen | Molecular Mechanisms of Neuroprotection by an Alternative Drug American Skullcap (<i>Scutellaria lateriflora</i>) | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------------------------|-------------------------|-----------------|--|--------|
| 2014 | Pathobiology | Lutful Kabir, Farruk | R. Curtis Bird | Altered Expression Profiles and Defects in INK4 Tumor Suppressor Genes and Evaluation of Comprehensive Expression Profiles of Canine miRNAs in Spontaneous Canine Breast Cancer Models | PhD |
| 2014 | Anatomy, Physiology, & Pharmacology | McCurdy, Victoria | Douglas Martin | Gene Therapy Approaches for Neurologic Lysosomal Storage Diseases | PhD |
| 2014 | Clinical Sciences | Payne, Vicky | Judith Hudson | Comparison of Anatomic Detail of the Canine Middle and Inner Ear using High Field and Ultra High Field MRI | MS-NT |
| 2014 | Clinical Sciences | Salter, Margaret | Anne Wooldridge | Characterization of Endothelial Colony Forming Cells from Peripheral, Bone Marrow, and Umbilical Cord Blood Samples of Horses | MS |
| 2014 | Anatomy, Physiology, & Pharmacology | Sofge, Jameson | Dawn Boothe | Therapeutic Drug Monitoring and Population Analysis as Applied to Leflunomide and Cyclosporine in Dogs | MS |
| 2014 | Anatomy, Physiology, & Pharmacology | Thungrat, Kamoltip | Dawn Boothe | Epidemiology of the virulence and antimicrobial resistance of <i>Escherichia coli</i> from canine and feline clinical isolates | PhD |
| 2014 | Anatomy, Physiology, & Pharmacology | Wang, Lili | Juming Zhong | Important Role of Adiponectin in Volume Overload-Induced Heart Failure | PhD |
| 2015 | Pathobiology | Caldwell, James | Kenny Brock | Development and Efficacy Assessment of Equine Source Hyper-Immune Plasma against Bacillus anthracis | PhD |
| 2015 | Clinical Sciences | Chamorro-Ortega, Manuel | Paul Walz | Effect of maternally-derived immunity in the development of humoral immune responses to vaccination and subsequent challenge with BVDV | PhD |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------|------------------------|-----------------|---|--------|
| 2015 | Clinical Sciences | Davolt, Meghan | Robyn Wilborn | Elucidation of the Cellular and Molecular Events Associated with Bovine Female Reproductive Tract Development and the Disruptive effects of Tamoxifen | MS |
| 2015 | Clinical Sciences | DePompa, Nicholas | Jill Narak | Correlating Head & Neck Pain with Intracranial Disease | MS-NT |
| 2015 | Clinical Sciences | Fraser, Natalie | Robyn Wilborn | Equine Endometrial Development: Setting the Stage for Reproductive Success | MS |
| 2015 | Clinical Sciences | George, Rebecca | Annette Smith | Analysis of VEGFR, PDGFR and c-kit in Feline Oral Squamous Cell Carcinoma | MS-NT |
| 2015 | Pathobiology | Gillespie, James | Valery Petrenko | Development and Screening of Targeted Anticancer Nanomedicines | PhD |
| 2015 | Clinical Sciences | Gimmler, Jacqueline | Dawn Boothe | Determining canine skin concentrations of terbinafine for the treatment of <i>Malassezia</i> dermatitis | MS-NT |
| 2015 | Pathobiology | Graff, Emily | Robert Judd | Characterization Of The Hca2 Receptor In A Murine And A Feline Model Of Human Obesity | PhD |
| 2015 | Pathobiology | Gross, Amanda | Valery Petrenko | Selection of Promiscuous Anti-Cancer Phage Proteins for Tumor Targeted Nanomedicines | MS |
| 2015 | Pathobiology | Hayakawa, Sayuri | Mary Boudreaux | Congenital Macrothrombocytopenia in Akita dogs | MS-NT |
| 2015 | Clinical Sciences | Hespel, Adrien-Maxence | Judith Hudson | 3D printers their clinical, experimental, and teaching uses. Evaluation of a teaching model to learn local nerve blocks | MS |
| 2015 | Clinical Sciences | Kry, Kristin | Harry Boothe | Use of Lymphoscintigraphy in the Staging of Canine Oral Neoplasia | MS |
| 2015 | Clinical Sciences | McMaster, Mattie | R. Reid Hanson | Ex-vivo Evaluation of a Modified Teno Fix® Device Repair Pattern Versus a Three-Loop Pulley for Repair of Equine Flexor Tendons | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------|---------------------|----------------------|---|--------|
| 2015 | SRRC | Napier, India | Tatiana Samoylova | Gonadotropin-releasing Hormone Receptor as a Molecular Target for Contraception in Feral Cats | PhD |
| 2015 | Clinical Sciences | Townsell, Marlene | Ellen Behrend | The effect of cranberry extract administration on the development of urinary tract infections and biofilm formation in dogs with indwelling urinary catheters: a pilot study | MS-NT |
| 2016 | Clinical Sciences | Armstrong, Chance | Wolfe, Dwight | The Detection of <i>Tritrichomonas foetus</i> in Bovine Semen with Centrifugation and PCR | MS |
| 2016 | Pathobiology | Augsburger, Brett | Michael Irwin | Nonequilibrium Thermodynamics and Fitness Costs Associated with Information Preservation May Explain Longevity Differences between Species | PhD |
| 2016 | Clinical Sciences | Barba Recreo, Marta | Anne Wooldridge | <i>Corynebacterium pseudotuberculosis</i> biovar <i>equi</i> infection in horses: transmission and diagnosis | PhD |
| 2016 | Clinical Sciences | Bergman, Noelle | Annette Smith | Efficacy of Vinblastine as frontline therapy for treatment of canine multicentric lymphoma | MS-NT |
| 2016 | Pathobiology | Chowdhury, Erfan | Bernhard Kaltenboeck | A Biodegradable Microparticle Vaccine Platform using Femtomole Peptide Antigen Doses to Elicit T-cell Immunity against Chlamydia abortus | PhD |
| 2016 | Clinical Sciences | Cuming, Rosemary | Eva Abarca | Development of a sustained-release voriconazole-containing thermogel for subconjunctival injection in horses | MS |
| 2016 | Clinical Sciences | Gillen, Alex | Amelia Munsterman | <i>In vitro</i> evaluation of self-locking knots in large gauge suture | MS |
| 2016 | Clinical Sciences | Hoffman, Michelle | Michael Irwin | Neuroprotective effects of carnitinoid antioxidants in rodent models of mitochondrial dysfunction | MS |
| 2016 | Pathobiology | Kitchens, Steven | Stuart Price | Characterization of a Bacteriophage-Resistant Mutant of <i>Salmonella</i> Newport & An Environmental Surveillance Study of <i>Salmonella</i> in a Multi-Species Animal Facility | MS |

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COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------------------------|------------------------|----------------------|---|--------|
| 2016 | Clinical Sciences | Koziol, Jennifer | Dwight Wolfe | <i>In vitro</i> efficacy of anti-protozoal compounds against <i>Tritrichomonas foetus</i> | MS |
| 2016 | Clinical Sciences | Lai, Serene | Jey Koehler | <i>In vitro</i> anti-tubulin effects of mebendazole and fenbendazole on J3T canine glioma cells | MS |
| 2016 | Clinical Sciences | Moore, Leslie | Harry Boothe | The influence of fixation delay on the mitotic count of canine soft tissue sarcomas | MS-NT |
| 2016 | Pathobiology | Kh. Shamsur Rahman | Bernhard Kaltenboeck | <i>In silico</i> Prediction and Experimental Confirmation of B-cell Epitopes for Molecular Serology of <i>Chlamydia</i> spp. | PhD |
| 2016 | Clinical Sciences | Schkeeper, Amy | William Brawner | Ultrasound Anatomy of the Penis in Normal Bulls | MS-NT |
| 2016 | Pathobiology | Shirley, James Forrest | Stuart Price | Development of a Bovine <i>Salmonella</i> Model and a Bacteriophage Treatment Cocktail to Reduce <i>Salmonella</i> Peripheral Lymph Node Carriage in Calves | MS |
| 2016 | Anatomy, Physiology, & Pharmacology | Yang, Zhao | Ya-Xiong Tao | Human melanocortin-3 receptor: structure-function relationship of DPLIY motif and helix 8 and biased signaling | PhD |
| 2017 | Clinical Sciences | Barnoski, Jacob | Tekla Lee-Fowler | Serum theophylline after multiple dosing with transdermal gels in cats | MS-NT |
| 2017 | Clinical Sciences | Biddick, Allison | Dawn Boothe | Endogenous morphine in septic vs non-septic dogs | MS-NT |
| 2017 | Clinical Sciences | Bayne, Jenna | Paul Walz | Characterization of beef cattle behavior using 3-D accelerometers in health & subclinical disease | PhD |

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BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------|-----------------------|-----------------------|---|--------|
| 2017 | Clinical Sciences | Botsford, Annabel | Ellen Behrend | Low-dose ACTH stimulation testing in dogs suspected of hypoadrenocorticism | MS-NT |
| 2017 | Clinical Sciences | Cline, Kelsey | William Brawner | The use of computed tomography in calculation of body surface area in dogs | MS-NT |
| 2017 | Clinical Sciences | Coleridge, Matthew | R. Reid Hanson | An In Vitro Study Assessing the Effect of Fluid Media on the Mechanical Properties of Pattern Starting and Ending Surgeon's, Square and Aberdeen knots | MS |
| 2017 | Pathobiology | Eldemery, Fatma | Vicky van Santen | Prevention and Pathogenesis of Avian Infectious Bronchitis: The Role of Infectious Bronchitis Virus Spike Proteins in Cell Attachment and Protective Immunity | PhD |
| 2017 | Clinical Sciences | Haas, Samantha | Stephanie Lindley | HistoGel™ to determine if CD25 is a marker for metastatic mast cell tumors | MS-NT |
| 2017 | Clinical Sciences | Jensen, Rochelle | Aime Johnson | Adenoviral Vected Gonadotropin Releasing Hormone Vaccine for Estrus Suppression in Mares | MS |
| 2017 | Pathobiology | Lawson, Cheryl | Elizabeth Spangler | Effect of the Addition of Lactic Acid to Canine Whole Blood on Measuring Platelet Aggregation Using Impedance Aggregometry (Multiplate) | MS-NT |
| 2017 | Clinical Sciences | Linden, Daniel | David Michael Tillson | Sentinel Lymph Node Mapping of the Canine Anal Sac Using Lymphoscintigraphy | MS-NT |
| 2017 | Clinical Sciences | Marquardt Ezell, Taya | Annette Smith | P-Glycoprotein Expression in Canine Hemangiosarcoma | MS-NT |
| 2017 | Clinical Sciences | Mora Pereira, Mariano | Anne Wooldridge | Sustained-Release Voriconazole-Thermogel for Subconjunctival Injection in Horses: Safety and <i>in-vivo</i> Studies | MS |

GRADUATE DEGREES AWARDED
COLLEGE OF VETERINARY MEDICINE
BIOMEDICAL SCIENCES

| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------------------------|--------------------------|----------------------|--|--------|
| 2017 | Anatomy, Physiology, & Pharmacology | Munsterman, Amelia | Ya-Xiong Tao | Effect of Increasing Intra-Abdominal Pressures on Hemodynamic Variables and Biomarkers of Ischemia and Acute Inflammation in the Horse | PhD |
| 2017 | Clinical Sciences | Nash, Katherine | Lenore Bacek | The effect of platelet count on impedance aggregometry in dogs | MS |
| 2017 | Pathobiology | Walz, Heather | Kenny Brock | The Role of Intrauterine Bovine Viral Diarrhea Virus in Modulating Host Gene Expression at the Maternal-Fetal Interface | PhD |
| 2017 | Clinical Sciences | Rhue, Kathryn | Elizabeth Spangler | Coagulation Function in DKA and stable diabetes Mellitus compared to healthy controls | MS-NT |
| 2017 | Anatomy, Physiology, & Pharmacology | Wang, Wei | Ya-Xiong Tao | Pharmacological characterization and functional rescue of the giant panda and human melanocortin-4 receptors | PhD |
| 2018 | Clinical Sciences | Beyer, Anne | Phillip Moore | Immunohistochemical investigation of tear producing structures in the Small eyed (Pax6 +/-) Mouse | MS-NT |
| 2018 | Anatomy, Physiology, & Pharmacology | Cruz-Espindola, Crisanta | Dawn Boothe | Development and validation of a solid phase extraction method for the analysis of cannabinoids in canine plasma by UPLC-MS | MS |
| 2018 | Anatomy, Physiology, & Pharmacology | Hagerty, Samantha | Vitaly Vodyanoy | Kinetic Effects of Heat Stress on Olfaction: A Thermodynamic Evaluation of Electrical Responses to Odorants in Olfactory Epithelia | PhD |
| 2018 | Pathobiology | Juan, Yen-Chen | Bernhard Kaltenboeck | Diagnosis of Feline Infectious Peritonitis | PhD |

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| YEAR GRADUATED | DEPARTMENT | AUTHOR | MAJOR PROFESSOR | TITLE | MS/PHD |
|----------------|-------------------------------------|--------------------|-----------------|---|--------|
| 2018 | Clinical Sciences | Kuca, Thibaud | Thomas Passler | Changes in the Open Reading Frame of Bovine Viral Diarrhea Virus during Serial Infection of Pregnant Cattle, Sheep, and Swine | PhD |
| 2018 | Anatomy, Physiology, & Pharmacology | Singleary, Melissa | Vitaly Vodyanoy | The role of zinc nanoparticles in the initial events of olfaction, their characterization, preservation, and microenvironmental influence | PhD |
| 2018 | Anatomy, Physiology, & Pharmacology | Visser, Marike | Dawn Boothe | Differences between Canine and Feline Cytochrome P450 Transcriptome and Drug Metabolism | PhD |