87th ANNUAL CONFERENCE FOR VETERINARIANS

March 18-20, 1995

Cornell University
Ithaca, New York

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87TH ANNUAL CONFERENCE FOR VETERINARIANS
March 18-20, 1995

Welcome to the 87th Annual Conference for Veterinarians. This year, the conference is dedicated in honor of Dean Robert D. Phemister (DVM '60). Dr. Phemister will step down from the deanship in June after ten years of dedicated service to the college and Cornell. During his tenure he has worked hard to establish stronger ties with the professional associations in the state and the region. With his support and encouragement, the college has made many improvements in its continuing education and public service programs.

This year's conference will include a broad spectrum of scientific presentations designed to cover both large and small animal disciplines. College faculty, residents, and distinguished guest speakers from other universities have been enlisted to present an excellent range of topics in a variety of formats. One new format this year is the Small Animal Panel Session on Monday morning, March 20 (see page 6). Those planning to attend this session are asked to submit questions for the panelists with their registration forms.

Once again, we have reserved the evenings for social and sporting events. The Annual Conference Dinner Dance will be held at the Statler Hotel on Saturday, March 18. The evening will begin with a cocktail reception hosted by the New York State Veterinary Medical Society, the Alumni Association and the Southern Tier Veterinary Medical Association. During dinner there will be a brief program to recognize Dean and Mrs. Phemister, and Cornell President Frank H. T. Rhodes will be our keynote speaker. Following the program, all guests are invited to dance to the sound of big band music. Attendance is limited for this event, so please return your registration early.

The College Alumni Association will hold its annual meeting at the Statler Hotel for lunch on Sunday, March 19. That evening, you'll have the opportunity to experience a great polo match between Cornell alumni and faculty. See page 3 for more information about the social programs and be sure to indicate those events you wish to attend on the registration form.

We will continue to honor fellow veterinarians who have contributed to the profession for 40 years or more. If you qualify, please indicate on your registration form so you will receive a 50% reduction in your registration fee as appreciation for your length of service.

We hope you will join us for a weekend of continuing education and fellowship with your colleagues. We look forward to seeing you.

Annual Conference Program Committee:

John E. Saidla, Chairman
Linda R. Alfreds, Coordinator
John J. Brennan
Michael A. Brunner
Thomas J. Divers
Norm G. Ducharme
Francis H. Fox
Richard C. Grambow
H. Jay Harvey
William H. Miller, Jr.
William C. Rebhun
Eric J. Trotter

87TH ANNUAL CONFERENCE FOR VETERINARIANS
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Meeting Notes

Registration

Registration will be in the Foyer of Schurman Hall. The Hagan Room will serve as our hospitality suite, with coffee service and light refreshments available throughout the conference. Veterinary Circle providing hospitality.

Registration Desk Hours:

Friday, March 17	2:00-6:00
Saturday, March 18	7:30-4:00
Sunday, March 19	7:30-4:00
Monday, March 20	7:00-Noon

Facilities

All continuing education seminars will be held at the Veterinary College. The Annual Conference Dinner Dance will be held at the Statler Hotel Carrier Ballroom as well as the Alumni Luncheon.

Parking and Transportation

Parking on the Cornell campus is free on Saturday and Sunday. Visitor parking permits will be required for those who wish to park on campus on Monday. If you need a permit, please check the appropriate box on the registration form. Parking permits will be mailed to all participants whose registrations are received by March 11.

Parking will be available near the Veterinary College in the "O" Lot. Overnight guests at the Statler Hotel may park in the hotel parking lot (a daily fee is charged). Since parking spaces are limited, we strongly urge the use of car pools from motels and hotels to the campus.

Free shuttle bus service between the Veterinary College and the Statler Hotel for the Alumni Luncheon will be provided on Sunday from 11:45 a.m. to 2:40 p.m.

Name Badges

Ushers will request all people entering continuing education seminars and programs to display conference name badges. Admission to each program will be by ticket only. Tickets must be presented at the door and ticket holders will have priority on seats until 10 minutes past the hour. Attendance for all programs will be limited to the seating capacity of the room.

Messages

The Registration Desk phone number is (607) 253-3200. Except in the case of an emergency, seminars will not be interrupted to call participants to meet visitors or answer phone calls. Messages will be posted near the registration desk.

Meeting Rooms

JLA - James Law Auditorium, Schurman Hall

LH I, VEC - Lecture Hall I, Veterinary Education Center

LH II, VEC - Lecture Hall II, Veterinary Education Center

T1-003 VRT - (G-3) - Veterinary Research Tower

Hagan Room - 1st Floor, Schurman Hall

S2-005 - (C-205) Schurman Hall

S2-155, VEC - Dry Laboratory, Veterinary Education Center

Hotels & Lodging

Please make your arrangements directly with the hotel or motel of your choice.

Best Western University Inn - East Hill Plaza - (607) 272-6100/(800) 528-1234

Collegetown Motor Lodge - 312 College Avenue - (607) 273-3542/(800) 745-3542

Econo Lodge - Cayuga Mall, North Triphammer Road - (607) 257-1400/(800) 446-6900

Grayhaven Motel - 657 Elmira Road (Route 13) - (607) 272-6434

Hillside Inn - 518 Stewart Avenue - (607) 272-9507

Holiday Inn - 222 South Cayuga Street - (607) 272-1000/(800) 753-8485

Howard Johnson's Motor Lodge - North Triphammer Road and Route 13 (607) 257-1212/(800) 654-2000

Journey's End Motel - 356 Elmira Road (Route 13) - (607) 272-0100/(800) 668-4200

Meadow Court Motel - 529 South Meadow Street - (607) 273-3885/(800) 852-4014

Ramada Inn Airport - North Triphammer Road (Off Route 13) - (607) 257-3100/(800) 2RAMADA

Sheraton Motor Inn - North Triphmmer Road (Off Route 13) - (607) 257-2000/(800) 257-6992

Spring Water Motel - Varna (Route 366 Towards Dryden) - (607) 272-3721

Statler Hotel - Cornell Campus - (607) 257-2500/(800) 541-2501

Super 8 Motel - 400 South Meadow Street - (607) 273-8088/(800) 843-1991

Varna Inn - Dryden Road - (607) 273-0595

Wonderland Motel - 654 Elmira Road (Route 13) - (607) 272-5252

87TH ANNUAL CONFERENCE FOR VETERINARIANS
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Special Activities & Events

Program for Spouses

We extend a special invitation to all spouses and guests of conference participants to attend a Luncheon and NYSVMS Auxiliary Meeting on March 18 from Noon until 3:00 p.m. in the Taylor Room of the Statler Hotel. Shuttle service will be available from the Veterinary College and the Best Western University Inn starting at 11:30 a.m.

"Getting Connected"

How do you keep excitement and interest in raising funds for veterinary students?

The answer is to stay connected to the students and the college and to share their vision for the future of Veterinary Medicine.

Three students will talk to us about themselves, their experiences in the "New Curriculum" and how students have benefitted from the scholarships, educational experience fellowships, and research programs supported by the Auxiliary. Join us and make the connection!

Exhibitors

Commerical exhibitors will be located on the first and second floor of the Veterinary Education Center.

Exhibit Hours:

Saturday, March 18	9:00-5:30
Sunday, March 19	8:30-5:30
Monday, March 20	8:30-Noon

Veterinary Library

The Flower-Sprecher Veterinary Library, located on the second floor of the Veterinary Education Center, will be open daily during the conference.

Placement Service

The College Placement Service will once again arrange interviews between practitioners and veterinary students. Students will be seeking work opportunities in four categories:

- permanent professional positions (graduating seniors)
- summer jobs (first- and second-year students)
- two-week to month-long externships (senior students)
- twelve- to fifteen-week "free block" employment opportunities (seniors)

If you are interested in interviewing students during the conference, please complete the Placement Service form and return it with your registration. When you arrive, check at the Placement desk in Schurman Hall lobby to confirm your scheduled times. If you cannot attend the conference but would like to list a position with the service, please complete the Placement Service form and return it to: Student Services, College of Veterinary Medicine, Cornell University, Ithaca, NY 14853. For more information, contact: Jennifer Angyal, Placement Coordinator, at (607) 253-3700.

Friday Evening

Reunion Class Dinners: Cornell's DVM classes of 1970 and 1980 will hold their reunion dinners on Friday, March 17. (All other classes having reunions in 1995 will meet in June). Registration materials be mailed separately to members of each class. For more information, contact Alison Smith at (607) 253-3744.

Scholarship Reception: All alumni and friends of the college who have an affinity with individual scholarships or who would like to meet veterinary scholarship recipients are welcome to attend and meet these students.

Friday, March 17
6:00 - 7:30 p.m.
Terrace Restaurant/Lounge
Statler Hotel
(no-host bar, hors d'ouerves provided)

Please R.S.V.P. on the Registration form. For more information contact Alison Smith (607) 253-3744 in the Office of Public Affairs.

Saturday Evening

Annual Conference Dinner-Dance at the Statler Hotel in honor of Dean Robert D. Phemister '60. Cocktail reception at 6:30 p.m. Dinner at 7:30 p.m. Dancing until midnight. Black tie optional.

Sunday Noon

There will be a luncheon and an Annual Meeting of the Veterinary College Alumni Association in the Carrier Ballroom at the Statler Hotel at 12:15 p.m. All are welcome to attend. Shuttle service will be available.

Sunday Evening

Fraternity Socials: All members of the national veterinary fraternities are invited to join their colleagues at the Cornell chapter houses on Sunday evening, March 19.

Omega Tau Sigma
Beta Chapter, 200 Willard Way

Alpha Psi
Beta Chapter, 410 Elmwood Avenue

Faculty-Alumni Polo Match at the Cornell Equestrian Center, Pine Tree Road, 8:15 to 10:15 p.m. If you plan to ride, please contact Dr. Douglas Antczak at (607) 256-5633.

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Program Schedule - Saturday, March 18

Morning Sessions

Small Animal Program

SESSION A - LH I, VEC

9:00 Upper Gastrointestinal Endoscopy - K. W. Simpson

9:45 Diagnosis and Treatment of Acute Pancreatitis in the Dog K. W. Simpson

10:30 Break

11:00 Hyperthyroidism and the Feline Kidney - T. K. Graves

12:30

SESSION B - JLA

9:00 Alternative Therapies in Veterinary Medicine - A. M. Schoen

5:30

Bovine Program

Lecture Hall II, VEC

9:00 BVD Virus: Serotype, Biotype, Genotype: What Does It All Mean? - E. H. Dubovi

9:30 Clinical Manifestations of B.V.D. Infection - S. F. Peek

10:00 Clostridial Myositis - W. C. Rebhun

11:00 Break

11:30 IBR Conjunctivitis and Other Ocular Manifestations of Systemic Diseases in Cattle W. C. Rebhun

Equine Program

T1-003 VRT

9:00 Epistaxis: What Should I Think About and What Can I Do About It? - J. R. Pascoe

10:00 Break

10:30 Exercise-induced Pulmonary Hemorrhage: A Unifying Concept - J. R. Pascoe

11:30 New Approaches to Equine Dental Disease - J. R. Pascoe

Afternoon Sessions

Small Animal Program

SESSION A - LH I, VEC

2:00 Handling Orthopedic Disaster Cases: What To Do When You'd Rather Just Close and Go Home - K. A. Linn

3:30 Break

4:00 Anesthetic Potpourri - P. F. Moon and J. W. Ludders

SESSION B - JLA

2:00 General Nutritional Concerns in Small Animals - A.J. Reynolds and F. A. Kallfelz

3:30 Break

4:00 Clinical Management of Common Medical Problems of Ferrets and Other Pocket Pets - E. J. Gentz

Bovine Program

Lecture Hall II, VEC

2:00 Periparturient Metabolic Disease Prevention in Dairy Cows - J. Goff

4:00 Break

4:30 Potassium Intake in Dry Cows and Fresh Cow Problems - C. Guard

5:00 Abomasal Ulcers - T. J. Divers

Equine Program

T1-003 VRT

2:00 Exertional Rhabdomyolysis - "Tying Up" - J. Beech

3:30 Break

4:00 "COPD" - Chronic Obstructive Pulmonary Disease - J. Beech

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Program Schedule - Sunday, March 19

Morning Sessions

Small Animal Program

SESSION A - LH I, VEC

8:30 Capital Budgeting for the Veterinary Practice - C. Loveday

10:00 Break

10:30 How to Determine the Value of a Practice - D. P. Gallagher

12:00

SESSION B - JLA

8:30 A New Diagnostic Tool for Positive Identification of Infectious Diseases in Cats - J. W. Lopez

9:00 Treating Infectious Diseases in Cats - E. Ward

10:00 Break

10:30 Cardiac Drugs - N. S. Moise

Bovine Program

Lecture Hall II, VEC

8:30 Accelerated Heifer Management - D. Galton

9:30 Culling - When and Who Should Be Sold? - S. Eiker

10:30 Break

11:00 Nutrition and Reproduction in Lactating Dairy Cows - W. R. Butler

Equine Program

T1-003 VRT

8:30 Health Performance Problems in the Show Horse - R. D. Mitchell

5:30

Afternoon Sessions

Small Animal Program

SESSION A - LH I, VEC

2:30 Drug Regulatory Issues - J. Decker

3:00 Back to Basics in Dermatology - W. H. Miller, Jr.

SESSION B - S2-005

2:30 Small Animal Dental Laboratory - J.E. Saidla (Limited to 30)

SESSION C - Dry Laboratory

2:30 Radiology Laboratory: Diagnosis of Thoracic Disease - V. Rendano (Limited to 20) (Will be repeated on Monday a.m. if necessary)

Bovine Program

Lecture Hall II, VEC

2:30 Respiratory Disease in the Dairy Calf - G. Mechor

3:10 Surgery of the Neonatal and Young Calf - R. B. Edwards

3:50 Break

4:10 Enteric Disease in Calves - G. D. Mechor and M. Brunner

4:50 Vaccination Programs for Cows and Heifers - M. Brunner

60
40

Equine Program

T1-003 VRT

2:30 Equine Acupuncture - S. Dill

3:30 Break

4:00 Laparoscopic Surgery in the Horse - R. P. Hackett

5:00 Update of Upper Respiratory Surgery - R. B. Edwards

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87TH ANNUAL CONFERENCE FOR VETERINARIANS
Program Schedule - Monday, March 20

Morning Sessions

Small Animal Program

SESSION A - LH I, VEC

8:30 How Do You Treat.....? Panel Discussion with questions from the audience

SESSION B - JLA

8:30 Small Animal Behavior

SESSION C - S2-166, VEC

8:30 Radiology Laboratory Repeat from Sunday if enrollment permits

Bovine Program

LH II, VEC

8:30 How Do I Measure BST Response?- S. Eiker

9:30 What's New in Lameness

10:30 Break

11:00 Stray Voltage Effects on Dairy Farms - L. H. Southwick and D. Wilson

Equine Progaam

T1-003, VRT

8:30 Diagnosis and Treatment of Pituitary Adenomas J. Beech

9:30 Nutrition of the Geriatric Horse - H. F. Hintz

10:30 Break

11:00 Conditions of the Hoof in the Older Horse - M. W. Wildenstein

We wish to thank the following exhibitors for their support:

Bowie Manufacturing, Inc.
A. J. Buck & Son, Inc.
The Butler Company
Fermenta Animal Health
Fort Dodge Laboratories
Hill's Pet Nutrition, Inc.
The IAMS Company
IDEXX
Intervet Inc.
Merck Ag Vet Company
Monsanto
Mallinckrodt Veterinary Inc.
M.W.W. Veterinary Publishers
Pfizer Animal Health
Pro-Visions, a division of Ralston Purina
Rossi-Walling X-Ray Corporation
W. B. Saunders
Shor-Line (Schroer Mfg. Company)
SmithKline Beecham Animal Health
Solvay Animal Health, Inc.
Synbiotics Corporation
The Upjohn Company
U.S. Army Medical Department
Vetronics Inc.
J. A. Webster, Inc.

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Program Descriptions - Saturday, March 18

SMALL ANIMAL MORNING PROGRAM - 9:00 a.m. - 12:30 p.m.

SESSION A - Lecture Hall I, VEC

Upper Gastrointestinal Endoscopy - Kenneth W. Simpson
Small diameter flexible endoscopes facilitate the investigation of regurgitation, chronic vomiting, hematemesis, melena, and small and large bowel diarrhea. Mucosal surfaces can be directly visualized and biopsies obtained without recourse to surgery. Therapeutic applications include foreign body removal, stricture dilatation and placement of feeding tubes. This presentation will review the indications for, and techniques of, diagnostic endoscopy in the upper gastrointestinal tract in the dog and cat.

Diagnosis and Treatment of Acute Pancreatitis in the Dog - Kenneth W. Simpson
Acute and recurrent acute pancreatitis are characterized by sudden episodes of inflammation of the pancreas and appear to be the most frequent form of pancreatitis in the dog. Diagnosis will be emphasized including history, physical examination, differential diagnosis, clinicopathologic findings, radiography, ultrasonography, and an assessment of the severity. The treatment will include initial therapy, specific therapy, patient monitoring and surgical intervention.

Hyperthyroidism and the Feline Kidney - Thomas K. Graves
Recent attention has focused on the effect of thyroid disease and its treatment on renal function in the cat. New information concerning treatment complications, results of clinical nephrology experiments in hyperthyroid cats, and revised treatment recommendations for hyperthyroidism will be discussed.

SMALL ANIMAL SESSION B - James Law Auditorium

Alternative Therapies in Veterinary Medicine - Allen M. Schoen
There is an increasing public interest in alternative natural therapies for animals. This stems from the increase in public interest in natural approaches for their own personal health. At this point in time our veterinary education offers us little or no training in these natural approaches. Yet, the public looks to us for advice. In the 1990's the public is going to be searching even more for veterinarians who have advanced training in more natural approaches. It is imperative that we become more educated in these natural alternatives. These therapies include acupuncture, chiropractic care, herbal medicine, Chinese pharmacology, electromagnetic medicine, as well as others. The AVMA guidelines, as well as the scientific basis and clinical applications of these therapies in the small animal practice will be discussed.

SMALL ANIMAL AFTERNOON PROGRAM - 2:00 p.m. - 5:30 p.m.

SESSION A: Lecture Hall I, VEC

Handling Orthopedic Disaster Cases: What To Do When You'd Rather Just Close the Skin and Go Home - Kathleen A. Linn
This lecture will discuss approaches to handling orthopedic nightmares such as massive bone loss, osteomyelitis, nerve damage and muscle contracture and will present some novel alternatives to limb amputation.

Anesthetic Potpourri - John W. Ludders and Paula F. Moon
This presentation is about recent advances in veterinary anesthesia. The topics to be covered include the use of propofol for induction of anesthesia, new but cost effective monitoring devices, and new techniques for alleviating postoperative pain.

SESSION B: James Law Auditorium

General Nutritional Concerns in Small Animals - Arleigh J. Reynolds and Francis A. Kallfelz
The first half of this presentation will cover newer information on the formulation, labeling, etc. of life stage pet foods. The new AAFCO pet food standards will be discussed as well as current concepts of energy and protein requirements. The second half of this lecture will be devoted to a discussion of practical applications of enteral and parenteral nutrition of hospitalized patients, e.g. tube feeding, total parenteral and partial parenteral nutrition. Techniques readily applicable by the private practitioner will be stressed.

Clinical Management of Common Medical Problems of Ferrets and Other Pocket Pets - Edward J. Gentz
Commonly seen medical problems of ferrets, rabbits, and other pocket pets will be discussed with an emphasis on diagnosis, therapeutics, and clinical case manageme

BOVINE MORNING PROGRAM - Lecture Hall II, VEC - 9:00 a.m. - 12:30 p.m.

BVD Virus: Serotype, Biotype, Genotype: What Does It All Mean? - Edward J. Dubovi
Severe disease associated with acute BVD virus infections is now common in the cattle industry. Techniques in molecular biology are now able to determine the genetic relatedness of various BVD virus isolates. Unfortunately, the newer classification schemes are adding more confusion to the already perplexing story of BVD virus. This session will eliminate that confusion.

Clinical Manifestations of B.V.D. Infection - Simon F. Peek
A retrospective look at the variety of clinical signs and manifestations of B.V.D. infection seen at the large animal clinic at Cornell during the last 15 years.

Clostridial Myositis - William C. Rebhun
The etiology, pathophysiology, signs and treatment of clostridial myositis will be discussed. Other examples of clostridial infections affecting other organ systems will be reviewed and a differential diagnosis established for each.

IBR Conjunctivitis and Other Ocular Manifestations of Systemic Disease in Cattle - William C. Rebhun
The ocular and systemic consequences of Infectious Bovine Rhinotracheitis Virus in cattle will be illustrated using herd epidemics as examples. Other systemic diseases having ocular manifestations will be used to develop a differential diagnosis.

BOVINE AFTERNOON SESSION - Lecture Hall II, VEC - 9:00 a.m. - 12:30 p.m.

Periparturient Metabolic Disease Prevention in Dairy Cows - Jesse P. Goff
Etiology of and recent research on Milk Fever, Ketosis, Displacement of Abomasum, and Periparturient Immunosuppression in dairy cows. Nutritional strategies to minimize the incidence of these diseases, with emphasis on the cation-anion theory of milk fever.

Potassium Intake in Dry Cows and Fresh Cow Problems - Charles Guard
The mechanisms of high K intake leading to metabolic disorders will be discussed. Case studies of problem herds including drug-induced metabolic disease will illustrate control measures to prevent further problems.

Abomasal Ulcers - Thomas J. Divers
This presentation is intended to review the clinical syndromes associated with abomasal ulcers in cows and calves. The presentation will include diagnosis and treatment of bleeding ulcers, perforating ulcers, lymphosarcoma and clostridial abomasitis in calves.

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Program Descriptions - Saturday, March 18

EQUINE MORNING PROGRAM - T1-003, VRT - 9:00 a.m. - 12:30 p.m.

Epistaxis: What Should I Think About and What Can I Do About It? - John R. Pascoe
Review of causes of epistaxis in horses including a diagnostic algorithm. Discussion of new methods of diagnosis and approaches to management of disorders that cause epistaxis.

Exercise-induced Pulmonary Hemorrhage: A Unifying Concept - John R. Pascoe
Review of exercise-induced pulmonary hemorrhage in horses developing arguments for the cause of bleeding, likely sources of bleeding and management strategies

New Approaches to Equine Dental Disease - John R. Pascoe
Discussion of new diagnostic methods for use in evaluating equine dental disease and improved methods of dealing with dental disease in horses.

EQUINE AFTERNOON SESSION - T1-003, VRT - 2:00 p.m. - 5:30 p.m.

Exertional Rhabdomyolysis - "Tying Up" - Jill Beech
This will be a brief, clinically oriented discussion of the possible underlying mechanisms, currently available information regarding pathogenesis, diagnostic tests, and prophylaxis.

"C O P D" - Chronic Obstructive Pulmonary Disease - Jill Beech
A clinician's view on what we know, currently available diagnostic tests and management and treatment.

87th ANNUAL CONFERENCE FOR VETERINARIANS
Program Descriptions - Sunday, March 19

SMALL ANIMAL MORNING PROGRAM - 8:30 a.m. - Noon

SESSION A - Lecture Hall I, VEC

Capital Budgeting for the Veterinary Practice - Carleen Loveday
This seminar will address investment decisions in the small animal practice. A number of variables will be investigated: the economic environment, the practice's competitive situation, and cash flows. These will be evaluated in terms of how they relate to equipment purchases, financing options, and additions to staff. Participants may find it helpful to bring their financial statements for reference.

How to Determine the Value of a Practice - David P. Gallagher
Discussion of the veterinary economics practice valuation formula and how to apply it in a given practice setting. Actual case histories will be used to illustrate basic methodological concepts. Alternative methodologies will also be presented and evaluated. The perspectives of both buyer and seller will be considered.

SESSION B: James Law Auditorium

A New Diagnostic Tool for Positive Identification of Infectious Diseases in Cats - Jorge W. Lopez
The indirect immunoperoxidase technique has been adapted to detect infectious disease organisms in formalin fixed tissues. In addition, the technique is performed in an automated system which allows the exact replication of the procedure over time. Staining of disease agents such as Toxoplasma, Panleukopenia and Feline Infectious Peritonitis will be discussed.

Treating Infectious Diseases in Cats - Estelle Ward
A practical guide to diagnosing and treating common infectious diseases including upper respiratory viruses, feline leukemia, FIP, FIV, and toxoplasmosis.

Cardiac Drugs - N. Syndey Moise
During this presentation, the wise use of drugs to treat congestive heart failure, cardiac arrhythmias and congenital heart disease in both the cat and dog will be discussed in a case-oriented manner. When not to use drugs will also be discussed.

SMALL ANIMAL AFTERNOON PROGRAM - 2:30 p.m. - 5:30 p.m.

SESSION - Lecture Hall I, VEC

Drug Regulatory Issues - Gerald Decker
This session will cover recent changes in state and federal laws and regulations that impact on you and your ability to dispense and prescribe medications. There are at least 5 regulatory agencies that have some influence on the use of drugs in your practice. Changes in these regulations continue to create compliance problems. Some of these changes are: extra label use; compounding; controlled substances; needles and syringes.

Back to Basics in Dermatology- William H. Miller, Jr.
In-office dermatologic diagnostics have improved significantly in the last four years. Come and see what is new and exciting.

SESSION B - S2-005

Small Animal Dental Laboratory - John E. Saidla
This three-hour laboratory will include an overview of the field of dentistry. Practical and interesting topics will include extractions, what to do about broken teeth and cervical line lesions. The group will work in teams of three using canine and feline prepared heads. This hands-on labortory will stress proper usage of low and high speed drills, instruments and dental materials.

SESSION C - S2-166, VEC

Radiology Laboratory: Diagnosis of Thoracic Disease - Victor T. Rendano, Jr.
Cases will be presented in which the radiographic findings were pivotal in determining the health care protocol in companion animal patients. Participants will review these cases, list their radiographic findings and diagnoses. The cases will then be discussed amongst the participants with Dr. Rendano acting as the moderator. This will be a dynamic interactive laboratory. Doctors who elect this laboratory should be prepared to participate in lively discussions of these cases.

BOVINE MORNING SESSION - Lecture Hall II, VEC - 8:30 a.m. - Noon

Accelerated Heifer Management - David M. Galton
Discussion of recent heifer body growth studies and economic and housing aspects of heifer rearing.

Culling - When and Who Should Be Sold? - Steven W. Eiker
The economic losses associated with sub-optimal culling practices will be discussed. Current research progress will be reviewed that should change some of the current perceptions about this difficult subject.

Nutrition and Reproduction in Lactating Dairy Cows - W. Ronald Butler
The interaction between negative energy balance and ovarian activity in the early postpartum period will be discussed. Body condition scoring and supplemental dietary lipids will be presented in the context of minimizing the effects of negative energy balance on fertility. The final portion of the lecture will describe the relationship between dietary protein, milk production and conception rate in lactating cows. The usefulness of milk urea nitrogen as a diagnostic test will be discussed.

BOVINE AFTERNOON SESSION - Lecture Hall II, VEC - 2:30 a.m. - 5:30 p.m.

Respiratory Diseases in the Dairy Calf - Gerald D. Mechor
An update on research findings in a study of calfhood respiratory disease. The consequences of respiratory disease in the calf will be discussed, as well as measures for prevention and control.

Surgery of the Neonatal and Young Calf - Ryland B. Edwards, III
This talk will include a discussion on the preoperative stablilization and post-operative care of the young calf as well as surgical disorders encountered.

Enteric Diseases in Calves - Gerald Mechor and Michael Brunner
Dr. Brunner will present findings from the Diagnostic Laboratory on isolates of calfhood enteric pathogens and will discuss the value of the DNA probe test for E. coli when designing a vaccination program. Dr. Mechor will discuss measures for prevention and control of enteritis in the dairy calf.

Vaccination Programs for Cows and Heifers - Michael Brunner
Closed herds are almost a thing of the past. As more and more farmers purchase cattle and move heifers between farms, sound vaccination programs become critical to preventing disease outbreaks. This presentation will discuss the strengths and limitations of current vaccines and the rationale for suggested vaccination programs for dairy herds.

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Program Descriptions - Sunday, March 19

EQUINE MORNING SESSION - T1-003 VRT - 8:30 a.m. - Noon

Health and Performance Problems in the Show Horse - Richard D. Mitchell
The show horse athlete experiences a wide variety of health and performance problems. These problems are a product of shipment stress, management, training and competition. This discussion will highlight specific areas and means of dealing with problems encountered in the show horse.

EQUINE AFTERNOON SESSION - T1-003 VRT - 2:30 p.m. - 5:30 p.m.

Equine Acupuncture - Steve Dill
This overview of acupuncture will include the following: Current concepts on how acupuncture works; characteristics of acupuncture points - electrical and anatomical; methods used to stimulate acupuncture points; various physiologic affects of acupuncture; advantages and disadvantages of acupuncture; prognosis; treatment intervals; client education; ancillary therapeutics.

Laparoscopic Surgery in the Horse - Richard P. Hackett
Over the last 5 years, laparoscopy has led to dramatic changes in surgical treatment of numerous diseases in humans. Applications for laparoscopic surgery are being explored in veterinary medicine as well, particularly in the horse. Advantages of laparoscopic surgery include minimal post-operative patient discomfort, earlier return to work, and reduced incisional complications. A further advantage in the horse is that certain procedures can be performed in standing animals. This seminar will use a videotape to demonstrate procedures used in laparoscopic surgery, using cryptorchidectomy as a model. Additionally, current indications for laparoscopic surgery in the horse will be discussed.

Update of Upper Respiratory Surgery - Ryland B. Edwards, III
The ongoing research into the objective measure of upper respiratory disease will be incorporated into a discussion on the advances in surgical techniques for treating common upper respiratory problems.

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Program Descriptions - Monday, March 20

SMALL ANIMAL MORNING PROGRAM - 8:30 a.m. - Noon

SESSION A: Lecture Hall I, VEC
How Do You Treat.....?
This will be a panel discussion with questions presented from the audience relative to surgical, medical, ophthalmologic, dermatologic, and cardiology problems encountered in your practice. Panel members: K. A. Linn, W. H. Miller, Jr., N. S. Moise, R. C. Riis, T. Schermerhorn,

SESSION B: James Law Auditorium
Small Animal Behavior - Katherine A. Houpt
There are several new drugs available that may be useful for treatment of behavior problems. These include the use of serotonin reuptake blockers for obsessive compulsive problems and aggression, dopamine agonists for geriatric dogs and buspirone for house-soiling cats.

SESSION C: S2-166, VEC
Radiology Laboratory - Victor Rendano
This will be a repeat from the Sunday Afternoon Session.

BOVINE MORNING SESSION - Lecture Hall II , VEC - 8:30 a.m. - Noon

How Do I Measure BST Response? - Steve Eiker
The adoption of BST by northeast dairies will be discussed. Cases will be used to demonstrate methods of quantifying the additional millk.

What's New In Lameness - Charles Guard
Updated material on research into causes of digital dermatitis, a.k.a. hairy heel warts, and control program options. Also a review of the past years' laminitis problems.

Stray Voltage Effects on Dairy Farms - Lee H. Southwick and David Wilson
This presentation will cover the definition of stray voltage as well as: proper testing techniques, resistance of cows to electrical current, animal behavior and voltage levels. Case studies will be given which illustrate production effects.

EQUINE MORNING SESSION - T1-003 VRT - 8:30 a.m. - Noon

Diagnosis and Treatment of Pituitary Adenomas - Jill Beech
An overview of the clinical syndrome, diagnostic tests, and treatment.

Nutrition of the Geriatric Horse - Harold F. Hintz
The effect of age on the nutrient requirements and feeding management of horses will be discussed.

Conditions of the Hoof in the Older Horse - Michael J. Wildenstein
Conditions of the hoof in the older horse are often multiple and have varying etiology. Pathological changes occur with use and management of our equine athletes. A farrier is responsible for maintaining a healthy balanced hoof in the young horse as well as in the older horse. Common conditions in the older horse that the farrier is presented with will be discussed. These conditions include laminitis, caudal hoof lameness, and poor hoof horn quality. This presentation will include case descriptions and will focus on current treatments including therapeutic trimming and shoeing.

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Speakers

GUEST SPEAKERS

Beech, Jill, V.M.D., Professor of Medicine, New Bolton Center, School of Veterinary Medicine, University of Pennsylvania, 382 West Street Rd., Kennett Square, PA 19348

Butler, W. Ronald, M.S., Ph.D., Professor, Department of Animal Science, College of Agriculture and Life Sciences, Cornell University

Dill, Stephen, D.V.M., Diplomate, A.C.V.I.M., Rt. 2, Box 156, Barboursville, VA 22923

Gallagher, David P., B.A., M.A., President, Veterinary Management Consultants, P. O. Box 676, Trumansburg, NY 14886-0676

Galton, David M., Ph.D., Associate Professor, Department of Animal Science, College of Agriculture and Life Sciences, Cornell University

Goff, Jesse P., M.S., D.V.M., Ph.D., Veterinary Medical Officer, USDA-ARS, National Animal Disease Center, Ames, IA 50010

Graves, Thomas K., D.V.M., Instructor, Department of Small Animal Clinical Sciences, College of Veterinary Medicine, Michigan State University, E. Lansing, MI 48824

Hintz, Harold F., Ph.D., Professor and Chairman, Department of Animal Science, College of Agriculture and Life Sciences, Cornell University

Loveday, Carleen, B.A., M.B.A., 153 Westview Lane, Ithaca, NY 14850

Mitchell, Richard D., D.V.M., Senior Partner, Fairfield Equine Associates, P.C., 755 Main Street, Suite 6-B, Monroe, CT 06468

Pascoe, John R., B.V.Sc., Ph.D., Diplomate, A.C.V.S., Professor and Associate Dean of Academic Programs, School of Veterinary Medicine, University of California, Davis, CA 95616

Schoen, Allen M., D.V.M., M.S., Consultant, The Animal Medical Center; Director, Veteirnary Institute for Therapeutic Alternatives, 15 Sunset Terrace, Sherman, CT 06784

Ward, Estelle C. L., D.V.M., Associate Veterinarian, Colonial Veterinary Hospital, 2369 N. Triphammer Road, Ithaca, NY 14850

SPEAKERS FROM THE COLLEGE FACULTY

Brunner, Michael, Ph.D., D.V.M., Dairy Extension Veterinarian, Diagnostic Laboratory

Decker, Gerald A., R.P.H., Director of Pharmacy, Veterinary Medical Teaching Hospital

Divers, Thomas J., D.V.M., Diplomate, A.C.V.I.M., Associate Professor of Medicine, Department of Clinical Sciences

Dubovi, Edward J., M.S., Ph.D., Associate Director, Diagnostic Laboratory

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Speakers

Edwards, Ryland B., III, D.V.M., M.S., Clinical Instructor, Large Animal Surgery, Department of Clinical Sciences

Eicker, Steven W., D.V.M., Ph.D., Research Associate, Veterinary Medical Teaching Hospital

Gentz, Edward J., M.S., D.V.M., Clinical Instructor, Exotic and Wildlife Medicine, Department of Clinical Sciences

Guard, Charles, D.V.M., Ph.D., Associate Professor of Medicine; Head, Ambulatory and Production Medicine Clinic, Department of Clinical Sciences

Hackett, Richard P., D.V.M., M.S., Associate Professor of Surgery, Department of Clinical Sciences

Houpt, Katherine A., V.M.D., Ph.D., Professor of Physiology, Animal Behavior Clinic, Department of Physiology

Kallfelz, Francis A., D.V.M., Ph.D., Diplomate, A.C.V.N., Professor of Veterinary Nutrition; Director, Veterinary Medical Teaching Hospital

Linn, Kathleen A., D.V.M., Instructor of Small Animal Surgery, Department of Clinical Sciences

Lopez, Jorge W., D.V.M., M.S., Ph.D., Assistant Director of Virology, Diagnostic Laboratory, College of Veterinary Medicine

Ludders, John W., D.V.M., Diplomate, A.C.V.A., Associate Professor of Anesthesiology, Department of Clinical Sciences, College of Veterinary Medicine

Mechor, Gerald D., D.V.M., M.V.Sc., Assistant Professor, Department of Clinical Sciences, College of Veterinary Medicine

Miller, William H., Jr., V.M.D., Associate Professor of Medicine (Dermatology), Department of Clinical Sciences

Moise, N. Sydney, D.V.M., Diplomate, A.C.V.I.M. (Cardiology), Associate Professor of Medicine, Department of Clinical Sciences

Moon, Paula F., D.V.M., Diplomate, A.C.V.A., Assistant Professor of Anesthesiolgy, Department of Clinical Sciences, College of Veterinary Medicine

Peek, Simon F., B.V.Sc., M.R.C.V.S., Resident, Large Animal Medicine, Department of Clinical Sciences

Rebhun, William C., D.V.M., Diplomate, A.C.V.O., Diplomate, A.C.V.I.M., Professor of Ophthalmology and Large Animal Medicine, Department of Clinical Sciences

Rendano, Victor T., Jr., V.M.D., M.Sc., Diplomate, A.C.V.R., Associate Professor of Veterinary Radiology, Department of Clinical Sciences

Reynolds, Arleigh J., D.V.M., Ph.D., Assistant Professor of Clinical Nutrition, Department of Clinical Sciences

Riis, Ronald C., D.V.M., M.S., Diplomate, A.C.V.O., Associate Professor of Comparative Ophthalmology, Department of Clinical Sciences, College of Veterinary Medicine

87TH ANNUAL CONFERENCE FOR VETERINARIANS
Speakers

Saidla, John E., D.V.M., Director of Continuing Education; Chief of Dental Services, Veterinary Medical Teaching Hospital

Schermerhorn, Thomas, V.M.D., Graduate Research Assistant, Department of Pharmacology

Simpson, Kenneth W., B.V.M.&S., Ph.D., Diplomate, A.C.V.I.M., Diplomate, E.C.V.I.M., Assistant Professor of Medicine, Department of Clinical Sciences

Southwick, Lee H., B.S., M.P.S., Extension Associate, Quality Milk Promotion Services

Wildenstein, Michael J., C.J.F., Resident Farrier, Veterinary Medical Teaching Hospital

Wilson, David, D.V.M., M.S., Ithaca Laboratory Veterinarian, Quality Milk Promotion Services

87TH ANNUAL CONFERENCE FOR VETERINARIANS
March 18-20, 1995

Registration Form - Please Print or Type

Must be postmarked by Friday, March 10 or faxed to (607) 253-3198 no later than Monday, March 13.

(If mailed after 3/10/95 or faxed after 3/13/95, a late fee of $25 per person will be charged.)

Full Name (as you wish for name badge) _____ Telephone - weekdays _____

Address _____ Fax Number if available _____

DVM Class Yr. _____ College _____

City _____ State _____ Zip Code _____ Type of Practice _____

Is this a new address? ☐ Yes ☐ No

Do you need a parking permit? ☐ Yes ☐ No

Where do you plan to stay in Ithaca for the conference? _____

		Fee	# Tickets
☐	Registration Fee - 2.5 days	$175	_____
☐	Registration Fee - 1 day only	75	_____
☐	Registration Fee - If graduated in 1955 or before	87.50	_____
☐	Dinner-Dance, March 18	45	_____
☐	Alumni Luncheon, March 19	20	_____
☐	Spouse's Luncheon and NYSVMS Auxiliary Meeting, March 18	18	_____

_____
Name of Spouse/Guest

☐ I/We will attend the Scholarship Reception, Friday, March 17 from 6:00-7:30 p.m. at the Statler Inn

My check in the amount of $ _____ is enclosed

Charge to my: ☐ **Master Card** ☐ **Visa**

Credit Card # _____

Expiration Date _____

Mail to: Linda R. Alfreds
Office of Continuing Education
College of Veterinary Medicine
Cornell University
Ithaca, NY 14853

87TH ANNUAL CONFERENCE FOR VETERINARIANS
March 18-20, 1995

Continuing Education Sessions

Please select the programs you plan to attend:

Choose one morning and one afternoon session for each day:

Saturday, March 18

- ☐ Small Animal Morning Session A
- ☐ Small Animal Morning Session B
- ☐ Small Animal Afternoon Session A
- ☐ Small Animal Afternoon Session B
- ☐ Bovine Morning Session
- ☐ Bovine Afternoon Session
- ☐ Equine Morning Session
- ☐ Equine Afternoon Session

Sunday, March 19

- ☐ Small Animal Morning Session A
- ☐ Small Animal Morning Session B
- ☐ Small Animal Afternoon Session A
- ☐ Small Animal Afternoon Session B
- ☐ Small Animal Afternoon Session C
- ☐ Bovine Morning Session
- ☐ Bovine Afternoon Session
- ☐ Equine Morning Session
- ☐ Equine Afternoon Session

Monday, March 20

- ☐ Small Animal Morning Session A
- ☐ Small Animal Morning Session B
- ☐ Small Animal Morning Session C
- ☐ Bovine Morning Session
- ☐ Equine Morning Session

Please submit your question(s) for the Monday, March 20, Small Animal Panel Discussion. Subjects may include Medicine, Surgery, Ophthalmology, Dermatology, and Cardiology

_____

_____

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_____

_____

_____

_____

Questions?... call the Office of Continuing Education at (607) 253-3200.

87TH ANNUAL CONFERENCE FOR VETERINARIANS
March 18-20, 1995

Placement Service

(please print or type)

_____ (_____) _____

Practitioner Name Telephone

_____ _____

Hospital/Clinic Name Hours to Call

_____

Address

Do you want to interview students at the March 1995 Conference? ☐ **No, please post position only** ☐ **Yes (indicate dates below)**

I will be interviewing:

- ☐ **graduating seniors for a permanent position**
- ☐ **first or second-year students for a summer position**
- ☐ **seniors for a free block position**

Preferred dates & times to interview:

Saturday, March 18:_____

Sunday, March 19:_____

Monday, March 20:_____

Position & Practice Description

Responsibilities:

Benefits:

Type of position:

- ☐ Permanent position for graduate DVM
- ☐ Student externship (2-4 weeks during academic term)
- ☐ Summer job for student
- ☐ Senior free block (please check which blocks this position will be available):
  - ☐ Block 1 (May-August)
  - ☐ Block 2 (August-November)
  - ☐ Block 3 (November-February)
  - ☐ Block 4 (February-May)

Is housing available for a student on externship, summer job, or free block? ☐ No ☐ Yes (please describe):

_____

Type of Practice (check one):

- ☐ Large Animal Practice
- ☐ Small Animal Practice
- ☐ Mixed Practice
- ☐ Emergency Clinic
- ☐ Humane Society
- ☐ Zoo
- ☐ Other (please describe):_____

Please continue to complete back of form...

Number of doctors on premises _____ **Number of paraprofessionals** _____

Radius of clientele _____

Community name _____ **Population** _____

Nearest large city _____

Describe specialists or special interests:

Large Animal Practice:

% Large Animal _____
% Equine _____ (% pleasure _____ % track _____ % broodmare _____)
% Bovine _____ (% dairy _____ % beef _____ % herd health _____)
% Other: please describe:

% Ambulatory _____ Mobile unit available? _____ Type _____
Is hospital/clinic equipped for large animal use? _____
Does the clinic perform major surgeries? _____
What surgery is referred? _____

Small Animal Practice:

% Small _____
% Canine _____
% Feline _____
% Other _____ (please describe:) _____

Number of examination rooms _____ Number of surgery rooms _____
Number of cages _____ Number of runs _____
Do you board animals? _____ Do you groom animals? _____

Types of surgery: _____

Types of anesthesia: _____

Are clinical pathology facilities available? _____

Describe special equipment available:

Additional comments about your clinic/hospital:

Please return to: **Placement Service, C-106 Schurman Hall, College of Veterinary Medicine, Cornell University, Ithaca, NY 14853 (Telephone: 607-253-3700)**

REGISTRATION PACKAGE

87th Annual Conference for Veterinarians

March 18-20, 1995
College of Veterinary Medicine
Cornell University

Registration Deadline: March 10, 1995

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Office of Continuing Education
College of Veterinary Medicine
Cornell University
Ithaca, New York 14853-6401