

# *Program*

67th ANNUAL  
CONFERENCE FOR  
VETERINARIANS  
JANUARY 21, 22, 23, 1975

NEW YORK STATE  
VETERINARY COLLEGE

A STATUTORY COLLEGE OF THE STATE  
UNIVERSITY OF NEW YORK

CORNELL UNIVERSITY  
Ithaca, New York



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## Program

*Tuesday, January 21, 9:00 a.m. - 12:00 p.m.*

**SA 101 (G-131)**

*Hurvitz, Arthur I.*

Immunologically Mediated Systemic Diseases of  
Small Animals

**SA 102 (D-105)**

*Short, Charles E.*

Small Animal Anesthesiology

**SA 103 (James Law)**

*Scott, Danny W.*

Selected Topics in Small Animal Dermatology

**SA 104 (Res.Twr.G3)**

*VanKruiningen, Herbert J.*

Small Animal Gastroenterology

**LA 105 (G-163)**

*Hillman, Robert B.*

*Hughes, John P.*

Equine Reproduction

**LA 106 (C-207)**

*Postle, Donald S.*

*Jarrett, James A.*

Mastitis Control: Current Concepts

**LA 107 (D-215)**

*deLahunta, Alexander*

*Mayhew, Ian G.*

Equine Neurology

**SA/LA 108 (C-205)**

*Osbaldiston, George W.*

Clinical Chemistry in Veterinary Practice

*Tuesday, January 21, 2:00 p.m.—5:00 p.m.*

**SA 111 (James Law)**

*LaCroix, Jeffrey A.*

*Krook, Lennart P.*

Diagnosis and Pathophysiology of Selected  
Orthopedic Diseases in Dogs

**SA 112 (D-215)**

*Hoffer, Richard E.*

*Howard, Donald R.*

Thoracic Surgery in Small Animals

**SA 113 (C-207)**

*Wilkins, Robert*

Clinical Pathology Profiles

**SA 114 (D-105)**

*Scott, Richard C.*

*Greene, Richard W.*

Medical and Surgical Management of Feline  
Urolithiasis

**LA 115 (Res.Twr.G3)**

*Payne, Jack M.*

The Compton Metabolic Profile—Present and Future

**LA 116 (G-131)**

*Bartel, Donald L.*

*Delahanty, Donald D.*

*Hintz, Harold F.*

*Kramer, Lawrence L.*

*Krook, Lennart P.*

*Lowe, John E.*

*Schryver, Herbert F.*

Equine Lameness

**LA 117 (G-163)**

*Braun, R. Kenneth*

*Smith, Nathan*

Bovine Herd Health Programs

## **James Law Auditorium**

*Wednesday, January 22, 9:00 a.m.—11:30 a.m.*

Presiding: Associate Dean Charles G. Rickard

### **9:00–9:25**

Welcome and Keynote Address

*Dean Edward C. Melby, Jr.*

### **9:30–10:10**

Diseases Communicable from Companion Animals to  
Man: An Overview

*Dr. Robert F. Kahrs*

### **10:15–10:50**

Toxoplasmosis: Current Status and Recommendations

*Dr. Harry A. Feldman*

### **10:55–11:30**

Visceral Larval Migrants and Other Helminth Hazards  
Associated with Pet Feces

*Dr. Stephen E. Dubin*

### **9:30–11:30**

D-105 Physiology Lecture Room—4 Senior Seminars  
½ hour allotted to each

Schedule and seminar abstracts will be available at the  
registration desk

*2:30–5:30 pm*

### **2:30–5:30**

*“This Thing Called Leadership”*

by Mr. Thomas Lawrence

James Law Auditorium—\$5.00 surcharge

### **2:30–5:30**

D-105 Physiology Lecture Room—6 Senior Seminars  
½ hour allotted to each

Schedule and seminar abstracts will be available at the  
registration desk

## **Evening Program**

Statler Ballroom

*Wednesday, January 22, 1975*

Cocktails 6:30-7:00

Dinner 7:00-9:00

### *Speaker*

Dr. Donald A. Price  
Executive Vice President  
American Veterinary Medical Association

Presentation of the Portrait of  
Dean George C. Poppensiek  
on Behalf of the  
Alumni Association  
of the  
New York State Veterinary College.

Dance 9:30-1:00

Thursday, January 23, 9:00 a.m.-12:00

**SA 201 (D-215)**

*deLahunta, Alexander*

Small Animal Neurology

**SA 202 (James Law)**

*Dueland, Rudolf*

*Newton, Charles D.*

Selected Orthopedic Approaches, Techniques, and Instrumentation in Small Animals

**SA 203 (D-105)**

*Amand, Wilbur B.*

Veterinary Care of the Unusual and Wild Animal Pet

**SA 204 (C-207)**

*Scott, Fredric W.*

*Holmes, Dorothy F.*

*Fabricant, Catherine G.*

*Carlson, Jack H.*

Feline Infectious Diseases

**LA 205 (G-131)**

*Kallfelz, Francis A.*

*Krook, Lennart P.*

*Kronfeld, David A.*

*Loew, Franklin M.*

Metabolic Diseases of Cattle

**LA 206 (Res.Twr.G3)**

*Donawick, William J.*

Colics and Their Management

**LA 207 (G-163)**

*Short, Charles E.*

Large Animal Anesthesiology

Thursday, January 23, 1:30 p.m.—4:30 p.m.

**SA 211 (D-105)**

*Bolton, Gary R.*

*Edwards, N. Joel*

Selected Aspects of Small Animal Cardiology

**SA 212 (Res.Twr.G3)**

*Bistner, Stephen I.*

*Riis, Ronald C.*

Selected Topics in Small Animal Ophthalmology

**SA 213 (C-207)**

*Trotter, Eric J.*

Concepts in Neurosurgery

**LA 214 (G-131)**

*Kahrs, Robert F.*

*Willoughby, Russell A.*

Bovine Respiratory Diseases

**LA 215 (D-215)**

*Fregin, G. Frederick*

General Guidelines for the Clinical Examination of the  
Cardiopulmonary System in Large Animals (Equine)

**LA 216 (G-163)**

*Bentinck-Smith, John*

*Buergelt, Claus D.*

*Duncan, J. Robert*

*Fox, Francis H.*

*George, Lisle W.*

*King, John M.*

*Whitlock, Robert H.*

Diagnostic Problems in Dairy Cattle

## **SA 101 – Room G-131 Immunologically Mediated Systemic Diseases of Small Animals**

*Arthur I. Hurvitz*

Basic immunologic theory and a discussion of selected immunologic disorders of dogs and cats. These will include allergy, immune-mediated hemolytic anemias, immunologically mediated thrombocytopenia, systemic lupus erythematosus, rheumatoid arthritis and diseases associated with immunoglobulin abnormalities (gammopathies). The intention is to provide the participant with an appreciation of the etiology and pathogenesis of common immunologic disorders, as well as information concerning their clinical manifestations and treatment.

## **SA 102 – Room D-105 Small Animal Anesthesiology**

*Charles E. Short*

This seminar will review a wide variety of information pertinent to the preanesthetic, anesthetic and postanesthetic care of small animal surgical patients. Included in the discussion will be evaluation of new preanesthetic agents and techniques of administration, the use of inhalation anesthetics including halothane, methoxyflurane, nitrous oxide and enflurane. Monitoring of the surgical patient will be extensively discussed including what to monitor, how to perform monitoring, how to interpret information received and how to approach complicated and emergency anesthetic problems. A review of cardiopulmonary resuscitation will be presented and difficult cases of anesthetic management will be discussed. A question and answer period will follow all discussions.

## **SA 103 – James Law Auditorium Selected Topics in Small Animal Dermatology**

*Danny W. Scott*

This 3-hour seminar will cover various recent developments in small animal dermatology, along with selected unusual or uncommon dermatologic diseases. Recent concepts on the management of deep pyodermas, generalized demodectic mange, and the eosinophilic granuloma complex will be presented. Unusual case discussions will include sporotrichosis, canine pemphigus, and others as time allows. Visual aids will include morphologic and histopathologic materials.

## **SA 104 – Research Tower Lecture Hall Small Animal Gastroenterology**

*Herbert J. VanKruiningen*

This seminar will review the basic foundations in developing a diagnostic approach to problem diarrhea in dogs. The use of clinical pathology as a diagnostic aid in helping to differentiate various types of diarrhea problems will be discussed. New concepts in the pathogenesis, treatment, and prevention of acute gastric dilatation will be discussed. The pathogenesis and treatment of feline enteritis and colitis will be reviewed. Question and answer session will follow each discussion period.

### **LA 105 – Room G-163 Equine Reproduction**

*Robert B. Hillman and John P. Hughes*

This seminar will emphasize the clinical aspect of equine reproduction. Included will be discussion on the normal estrus cycle, seasonal patterns, methods of altering the cycle, diagnosis and treatment of infertility, and evaluation of stallions for breeding soundness. Pregnancy diagnosis, term of gestation, and induction of parturition will also be covered.

### **LA 106 – Room C-205 Mastitis Control: Current Concepts**

*Donald S. Postle and James A. Jarrett*

This seminar will deal broadly with the prevention and control of mastitis in cattle, with emphasis on the role of the veterinary practitioner. Attention will be given to the etiology, diagnosis, and treatment, as well as management aspects and the role of mechanical milking which may predispose to the disease.

### **LA 107 – Room D-215 Equine Neurology**

*Alexander deLahunta and Ian G. Mayhew*

This seminar will consist of a presentation of clinical cases of various neurologic diseases of the horse. The history and examination of each case will be provided. A film will be shown to demonstrate the clinical signs. Correlation of clinical signs with lesion location will be emphasized. Following a discussion of the differential diagnosis and therapy where applicable, the lesions appropriate to the case will be shown.

### **SA/LA 108 – Room C-207 Clinical Chemistry in Veterinary Practice**

*George Osbaldiston*

The emphasis is to direct attention to the veterinary practitioner who is contemplating a clinical chemistry laboratory in his practice. The presentation will be in two phases: a. Discussion of the factors involved in the choice of instruments, the incorporation of the chemistry laboratory into a practice situation and the logistics of work planning; and b. Hands-on-demonstration by the audience using procedures and instruments representative of those available commercially as well as to highlight the advantages and disadvantages of these instruments.

### **SA 111 – James Law Auditorium The Diagnosis and Pathophysiology of Selected Orthopedic Diseases of the Dog**

*Jeffrey A. LaCroix and Lennart P. Krook*

A short review of bone and cartilage growth and development will precede the discussion of numerous disease processes where abnormal development has taken place resulting in an orthopedic disease. Overnutrition in the large breeds as well as endocrine effects on bone growth will be discussed. Examples of infectious and neoplastic diseases of bone will be shown. The main emphasis will be on accurate diagnosis from history, physical examination and radiography. Selected approaches to treatment will be discussed where indicated, however orthopedic surgery will not be covered in depth.

**SA 112 – Room D-215 Thoracic Surgery in Small Animals** *Richard E. Hoffer and Donald R. Howard*

Thoracic anatomy and approach, and closure of the chest will be reviewed. Use of chest tubes in the treatment of pneumothorax, hemothorax and hydrothorax will be discussed. Surgical techniques for repair of chest disease such as esophageal foreign bodies, lung neoplasia, diaphragmatic hernia and patent ductus arteriosus will be presented. Question and answer session will follow all discussions.

**SA 113 – Room C-207 Clinical Pathology Profiles** *Robert Wilkins*

Data using automated clinical pathology profiles will be presented and correlated with clinical diagnosis of disease. A large data base has been assembled from cases at the Animal Medical Center. The objectives of the course will be to develop profiling schemes to better evaluate patients and arrive at a logical diagnosis. Time for questions will be provided.

**SA 114 – Room D-105 Medical and Surgical Management of Feline Urolithiasis**

*Richard C. Scott and Richard W. Greene*

Detailed aspects of medical management will be presented, including fluid and electrolyte management of uremia resulting from acute renal failure, antibiotic therapy, and long-term therapy. Surgical management of recurrent urolithiasis will be discussed in detail. Case material will be utilized to illustrate principles of treatment and surgery.

**LA 115 – Research Tower Lecture Hall The Compton Metabolic Profile—Present and Future**

*Jack M. Payne*

This seminar will describe in detail the mechanics, the utilization, and the interpretation of the metabolic profile. Dr. Payne originally developed the metabolic profile as an aid in the detection of production diseases, i.e. ketosis, milk fever, grass tetany in dairy cattle. The metabolic profile technique is widely utilized in the United Kingdom and is currently being introduced in North America. Dr. Payne will also discuss the role of the metabolic profile in the selection of genetically superior stock.

**LA 116 – Room G-131 Equine Lameness**

This seminar will consist of six 30 minute sessions anticipating 20 minutes for presentation and 10 minutes of discussion. The titles and participants will be:

1. Angular Deformities of the Limbs—*Lawrence L. Kramer*
2. Laminitis—*John E. Lowe*
3. Hock and Stifle Lameness—*Donald D. Delahanty*
4. Navicular Disease—*John E. Lowe*
5. Nutritional Related Lameness—*Harold F. Hintz and Lennart P. Krook*

6. Research Methods for Quantitation and Study of Lameness—*Herbert F. Schryver and Donald L. Bartel*

Methods of examination, diagnosis, prognosis and therapy will be stressed. Where possible, pathogenesis will be included in the presentation.

**LA 117 – Room G-163 Bovine Herd Health Programs** *R. Kenneth Braun and Nathan Smith*

Two hours will be devoted to general health care of the neonatal calf, heifer, lactating, and dry cow. This will include disease prevention, control, and treatment. A practical approach to dairy herd nutrition will be presented during the 3rd hour; this will include general management of feeding systems for lactating and dry cows.

## **Special Lecture—James Law Auditorium**

*Wednesday, January 22, 1974, 2:30–5:30 p.m.*

### **“THIS THING CALLED LEADERSHIP”**

Presented by

Mr. Thomas Lawrence, President  
Lawrence-Leiter Management Consulting Firm

Mr. Lawrence has been widely acclaimed as a consultant in personnel management and business organization. He has recently spoken to the Annual Convention of the American Animal Hospital Association and was extremely well received. The following paragraphs give some insight into what is a very stimulating and enlightening lecture for all veterinarians engaged in any aspect of professional management. . . .

Despite the great trend toward automation in business today, real productivity from people in all fields of business will be achieved through skillful management leadership, rather than through machines themselves.

The greater the trend toward automation, the greater the demands upon the capacities of people to make nonprogrammed decisions and to function effectively as members of a group.

The greatest challenge in business today is to improve managerial efficiency through greater human skills . . . how to understand and work more effectively with the human elements of organization, thereby strengthening leadership ability through effective “two-way” communications.

Attitudes and behavior in personnel are caused . . . they do not just happen. Real skill in management comes from an ability to recognize the causes of human behavior, to understand how to influence these basic drives and thereby motivate individuals toward worthwhile goals.

A leader in any field must periodically look at himself and take stock of where he actually stands in his knowledge of his own attitudes, viewpoints and philosophies of management.

**SA 201 – Room D-215 Small Animal Neurology**  
*Alexander deLahunta*

This seminar will consist of a presentation of individual case reports of small animals with neurologic disease. Peripheral and central nervous system disorders will be represented. The history and examination will be provided on each case. A film will be shown to demonstrate the signs along with slides of radiographs where appropriate. Following a discussion of the differential diagnosis and therapy, the lesions appropriate to the case under discussion will be shown.

**SA 202 – James Law Auditorium Selected Orthopedic Approaches, Techniques, and Instrumentation in Small Animals**

*Rudolf Dueland and Charles D. Newton*

Surgical exposures of the various joints and bones of the body will be presented. Bone grafting techniques and indications, arthrodesis of joints, fracture reduction and fixation, and ligamentous injuries will be discussed using slide illustrations. Also various orthopedic instruments and their uses will be presented. Time for questions and answers pertaining to the procedures described will be provided.

**SA 203 – Room D-105 Veterinary Care of the Unusual and Wild Animal Pet** *Wilbur B. Amand*

This seminar is designed for the practicing veterinarian who may be called upon to render veterinary care to a variety of unusual and wild animal pets (including birds, reptiles, and wild mammals), but who feels inexperienced or lacking in basic knowledge of these types of animals. The topics will cover anatomical/physiological differences, means of restraint, clinical and laboratory diagnosis, therapeutic techniques, and anesthetic management. Emphasis will be placed on recognition of the more common disease conditions of the above classes of animals. Group discussion and participation will be encouraged and welcomed.

**SA 204 – Room C-207 Feline Infectious Diseases**

*Fredric W. Scott, Dorothy F. Holmes,  
Catherine G. Fabricant and Jack H. Carlson*

The major feline infectious diseases will be discussed and recent research information from the Cornell Feline Research Laboratory will be presented. Discussions of the feline respiratory diseases will include a discussion of the new FVR vaccine, studies on the serological relationships of the picornaviruses, laboratory diagnostic procedures, and a general discussion of pneumonitis. The latest information concerning the infectious etiology of urolithiasis will be presented. Discussions on panleukopenia will include the latest information on vaccines, aerosol vaccination, and a discussion of the pathogenesis of the intestinal involvement of the virus. Lymphosarcoma will be discussed including the acute leukemia virus infection and resulting anemia, diagnostic tests and eradication of the infection from a cattery. Feline infectious peritonitis will also be discussed. Time will be allowed for a question and answer period.

**LA 205 – Room G-131 Metabolic Diseases of Cattle**

*Francis A. Kallfelz, Lennart P. Krook,  
David A. Kronfeld and Franklin M. Loew.*

Presentations will be devoted to specific metabolic diseases of cattle including discussions of disturbances of thiamin, energy, and Ca-P metabolism. Emphasis will be placed on diagnosis, treatment, and prevention of those disorders.

**LA 206 – Research Tower Lecture Hall Colics and Their Management**

*William J. Donawick*

This seminar will be divided into three parts: management of the horse with colic before, during, and after laparotomy. Major emphasis will be placed on means of determining the cause and severity of the colic and selection and calculation of dosages of fluids and drugs for use in interim treatment before laparotomy. Principles of fluid and metabolic management and monitoring of the surgical patient will be presented. The best methods of surgical correction of the common causes for acute intestinal obstruction will be outlined. Care after surgery will be directed to provision for replacement of the usual electrolyte deficiencies, proper wound care and feeding. Selected cases illustrating various abnormalities will be presented and participants will be encouraged to design protocols of treatment useful within the limits of their practice.

**LA 207 – Room G-163 Large Animal Anesthesiology**

*Charles E. Short*

This seminar will include a discussion of new preanesthetics including the various agents and techniques for their use. Special emphasis will be given to inhalation agents and equipment for inhalation anesthesia of large animals. Attention will be given to what is needed for an ideal anesthesia program and compared to that program which may be adequate or essential for safe anesthesia.

**SA 211 – Room D-105 Selected Aspects of Small Animal Cardiology**

*Gary R. Bolton and N. Joel Edwards*

This course will stress the systematic approach to interpreting electrocardiograms. Hypertrophy patterns, electrolyte imbalances, arrhythmias, and monitoring of surgical patients will be discussed. Actual electrocardiograms will be available to illustrate each area. Case presentations will be utilized to depict diagnostic procedures and regimens of treatment.

**SA 212 – Research Tower Lecture Hall Selected Topics in Small Animal Ophthalmology**

*Stephen I. Bistner and Ronald C. Riis*

This seminar will cover a variety of clinical entities seen in practice situations. Cases involving lid tumors, corneal disease, uveitis and the ocular manifestations of systemic diseases and treatment will be covered. Case material will be presented utilizing slides and discussion.

## **SA 213—Room C-207 Concepts of Neurosurgery**

*Eric J. Trotter*

This seminar will focus on the diagnosis and management of selected neurosurgical disorders in the dog, including:

1. Cervical disc disease—ventral fenestration, ventral decompression and fusion, dorsal decompression
2. Thoracolumbar disc disease—ventral and dorsal fenestration, modified dorsal decompression
3. Vertebral column fractures and luxations—decompressive and fixative techniques
4. Atlantoaxial subluxation in miniature breeds
5. Canine Wobbler Syndrome

In all instances, pertinent diagnostic criteria will be reviewed and supplemented by radiographs, clinical histories, and neurological examinations. Time will be available for questions and answers on topics covered.

## **LA 214—Room G-131 Bovine Respiratory Diseases** *Robert F. Kahrs and Russell A. Willoughby*

The course will cover the diagnosis, treatment, control and prevention of principal respiratory diseases of cattle with emphasis on infectious conditions. Allergic, toxicologic and metabolic respiratory disease will be discussed only regarding differential diagnosis.

## **LA 215—Room D-215 General Guidelines for the Clinical Examination of the Cardiopulmonary System in Large Animals (Equine)** *G. Frederick Fregin*

The presentation will include a brief description of clinically important anatomical features of the heart and its position within the thorax in relation to the areas of cardio auscultation. The pressure relationships, the electrical activation of the heart, and the mechanical events associated with the heart sounds during the cardiac cycle will also be covered. Primary emphasis however, will be placed on a discussion of the physical examination and the techniques utilized in the clinical evaluation of the cardio-respiratory system. Diagnosis, treatment and prognosis of the more common diseases of the cardiovascular system will be described.

## **LA 216—Room G-163 Diagnostic Problems in Dairy Cattle**

*John Bentinck-Smith, Claus D. Buergelt, J. Robert Duncan, Francis H. Fox, Lisle W. George, John M. King, and Robert H. Whitlock*

Approximately one hour will be devoted to the diagnostic aspects and control procedures involved in Johne's Disease. Chronic Bovine Virus Diarrhea and persistent warts will be discussed with reference to their immunologic status. The second hour will be devoted to a discussion of dermatologic disorders of cattle. These conditions will be demonstrated on 2 x 2 slides and their treatment discussed. A third hour will be devoted to a discussion of differential diagnosis of less common diseases of cattle.

## Guest Speakers

- Amand, Wilbur B., V.M.D., Ph.D., *Staff Veterinarian, Philadelphia Zoological Gardens, Philadelphia, Pennsylvania.*
- Bartel, Donald L., B.S., M.S., Ph.D., *Assistant Professor, School of Mechanical and Aerospace Engineering, Cornell University, Ithaca, New York.*
- Donawick, William J., D.V.M., M.S., *Associate Professor of Surgery, School of Veterinary Medicine, University of Pennsylvania, New Bolton Center, Kennett Square, Pennsylvania.*
- Dubin, Stephen E., V.M.D., *Assistant Professor of Biological Sciences, Program Biomedical Engineering, Drexel University, Philadelphia, Pennsylvania; Small Animal Practitioner, Springfield, Pennsylvania.*
- Edwards, N. Joel, D.V.M., *Private Practitioner, Shaker Veterinary Hospital, Latham, New York.*
- Feldman, Harry A., M.D., *Chairman, Department of Preventive Medicine, Upstate Medical Center, Syracuse, New York.*
- Fregin, G. Frederick, V.M.D., *Instructor in Medicine, School of Veterinary Medicine, University of Pennsylvania, New Bolton Center, Kennett Square, Pennsylvania.*
- Greene, Richard W., D.V.M., *Staff Surgeon, The Animal Medical Center, New York, New York.*
- Howard, Donald R., D.V.M., *Associate Professor of Surgery, School of Veterinary Medicine, Michigan State University, East Lansing, Michigan.*
- Hughes, John P., D.V.M., *Professor of Veterinary Medicine, Department of Reproduction, School of Veterinary Medicine, University of California, Davis, California.*
- Hurvitz, Arthur I., D.V.M., *Head, Department of Pathology, The Animal Medical Center, New York, New York.*
- Jarrett, James A., D.V.M., *Practitioner and Veterinary Consultant, Rome, Georgia.*
- Kronfeld, David A., D.S., Ph.D., D.Sc., M.V.Sc., *Professor of Nutrition, School of Veterinary Medicine, University of Pennsylvania, New Bolton Center, Kennett Square, Pennsylvania.*
- LaCroix, Jeffrey A., D.V.M., M.S., *Practitioner, Ithaca, New York.*
- Lawrence, Thomas H., *President, Lawrence-Leiter and Company, Management Consultants, Kansas City, Missouri.*
- Loew, Franklin M., D.V.M., Ph.D., *Director, Animal Resources Center, University of Saskatchewan, Saskatoon, Saskatchewan.*
- Newton, Charles D., D.V.M., *Assistant Professor of Orthopedic Surgery, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, Pennsylvania.*
- Osbaldiston, George W., D.V.M., Ph.D., *Assistant Professor of Comparative Medicine, School of Medicine, Yale University, New Haven, Connecticut.*

- Payne, Jack M., D.V.M., Ph.D., M.R.C.V.S., *Director, Institute for Research on Animal Diseases, Agricultural Research Council, Compton, Nr. Newbury, Berks, United Kingdom.*
- Scott, Richard C., D.V.M., *Staff, Department of Medicine, The Animal Medical Center, New York, New York.*
- Short, Charles E., D.V.M., M.S., *Professor and Chief of Anesthesiology Service, University of Missouri, School of Veterinary Medicine, Columbia, Missouri.*
- Smith, Nathan, B.S., Ph.D., *Associate Professor of Nutrition, University of California, Davis, California.*
- VanKruiningen, Herbert J., D.V.M., Ph.D., *Professor of Veterinary Pathology, College of Agriculture and Natural Resources, University of Connecticut, Storrs, Connecticut.*
- Wilkins, Robert, B.V.Sc., *Diplomate, Veterinary Pathology, Clinical Pathologist, The Animal Medical Center, New York, New York.*
- Willoughby, Russell A., D.V.M., Ph.D., *Professor of Veterinary Medicine, University of Guelph, Guelph, Ontario, Canada.*

## **Staff Speakers**

- Bentinck-Smith, John, A.B., D.V.M., *Professor of Clinical Pathology.*
- Bistner, Stephen I., D.V.M., *Associate Professor of Comparative Ophthalmology, and Acting Director of the Department of Small Animal Medicine and Surgery.*
- Bolton, Gary R., D.V.M., *Associate Professor of Small Animal Medicine.*
- Braun, R. Kenneth, D.V.M., M.S., *Associate Professor of Medicine, Ambulatory Clinic.*
- Buergelt, Claus D., D.V.M., *Graduate Student, Department of Large Animal Medicine, Obstetrics and Surgery.*
- Carlson, Jack H., B.S., D.V.M., *Graduate Student, Department of Microbiology.*
- Delahanty, Donald D., D.V.M., M.S., *Professor of Veterinary Surgery.*
- deLahunta, Alexander, *Professor of Veterinary Anatomy.*
- Dueland, Rudolph E., D.V.M., M.S., *Associate Professor of Small Animal Surgery.*
- Duncan, J. Robert, B.S.A., D.V.M., M.Sc., Ph.D., *Assistant Professor of Reproductive Pathology.*
- Fabricant, Catherine G., B.S., M.S., *Senior Research Associate, Department of Microbiology.*
- Fox, Francis H., D.V.M., *Professor and Chairman, Department of Large Animal Medicine, Obstetrics and Surgery.*
- George, Lisle W., D.V.M., Ph.D., *Resident, Department of Large Animal Medicine, Obstetrics and Surgery.*
- Hillman, Robert B., D.V.M., M.S., *Senior Clinician, Department of Large Animal Medicine, Obstetrics and Surgery, Ambulatory Clinic.*
- Hintz, Harold F., B.S., M.S., Ph.D., *Associate Professor of Animal Nutrition.*

- Hoffer, Richard E., D.V.M., M.S., *Associate Professor of Small Animal Surgery.*
- Holmes, Dorothy F., D.V.M., Ph.D., *Research Associate, Department of Microbiology.*
- Kahrs, Robert F., D.V.M., M.S., Ph.D., *Associate Professor of Veterinary Epidemiology, Department of Microbiology.*
- Kallfelz, Francis A., D.V.M., Ph.D., *Associate Professor of Clinical Nutrition, Department of Large Animal Medicine. Obstetrics and Surgery.*
- King, John M., D.V.M., Ph.D., *Associate Professor of Veterinary Pathology.*
- Kramer, Lawrence L., M.S., D.V.M., *Professor of Veterinary Surgery and Director of the Large Animal Hospital.*
- Krook, Lennart P., D.V.M., Ph.D., *Professor of Veterinary Pathology, and Acting Chairman of the Department of Pathology.*
- Lowe, John E., D.V.M., M.S., *Associate Professor of Surgery and Coordinating Manager, Equine Research Park.*
- Mayhew, Ian G., B.V.Sc., *Post Doctoral Fellow, Department of Large Animal Medicine, Obstetrics and Surgery.*
- Melby, Edward C., Jr., D.V.M., *Dean of the Veterinary College and Professor of Veterinary Medicine in the Department of Large Animal Medicine, Obstetrics and Surgery.*
- Postle, Donald S., D.V.M., M.S., *Associate Professor of Veterinary Science and Director of the New York State Mastitis Control Program.*
- Rickard, Charles G., D.V.M., M.S., Ph.D., *Associate Dean of the Veterinary College, and Professor of Pathology.*
- Riis, Ronald C., D.V.M., M.S., *Assistant Professor of Comparative Ophthalmology.*
- Schryver, Herbert F., D.V.M., M.S., Ph.D., *Associate Professor of Pathology and Director of the Equine Research Program.*
- Scott, Danny W., D.V.M., *Assistant Professor of Medicine, Department of Small Animal Medicine and Surgery.*
- Scott, Fredric W., D.V.M., Ph.D., *Associate Professor of Veterinary Microbiology.*
- Trotter, Eric J., B.S., D.V.M., M.S., *Assistant Professor of Small Animal Surgery.*
- Whitlock, Robert H., D.V.M., Ph.D., *Assistant Professor of Medicine, Department of Large Animal Medicine, Obstetrics and Surgery.*

## Notes

Conference Registration will be held in the main foyer of the new Research Tower adjacent to James Law Auditorium. Ushers will request all people entering lecture rooms to display badges. Admission to each seminar or lecture will be by ticket only. Tickets must be presented at the door, and will reserve a seat until 10 minutes past the hour. Attendance will be limited to the seating capacity of the room.

The University Traffic Bureau has given permission for the use of the 2 parking bays at the east end of B lot. Parking permits are required and they will be available at the Registration Table. Since parking spaces are limited, we strongly urge the use of car pools from motels and hotels to the Veterinary College.

Except in cases of real emergencies, the programs will not be interrupted to call persons from the room to meet callers or answer the telephone. Those at the message center will accept messages which will be posted on the blackboard in the foyer of James Law Auditorium. The Conference number is 607-256-2071.

Commercial exhibits will be in the dining area, first floor of the Research Tower. Free coffee will be available.

The SAVMA employment booth will be located in Room E-125. At the conclusion of the afternoon programs there will be an opportunity to interview applicants for positions.

The Flower Veterinary Library located on the second floor near the head of the stairs from the main foyer, will be open during the Conference.

Since those attending the Conference are guests of the University, they are entitled to the privileges of the dining room on the second floor of the Statler Club. The Statler is a private club for members and their guests; therefore, it will be necessary for guests to inform the hostess of his or her status. Your registration badge will be sufficient identification. Groups may reserve tables or the small private rooms, and they are advised to do this as far in advance as possible.

The Rathskeller in the basement is reserved during the luncheon period for members, and since it has limited accommodations, our guests are requested not to use it for lunch. The Ivy Room in Willard Straight Hall will be open for breakfast, luncheon, and dinner throughout the Conference. The Dairy Bar is also available for breakfast and luncheon only.

## Housing Accommodations

Since standard housing for transients in Ithaca is limited, it is strongly suggested that guests secure their rooms before arrival. Please make your arrangements directly with the hotels or motels.

Collegetown Motor Lodge—312 College Avenue,  
Phone: 273-3542

Crissey's Motel—Varna—(Route 366 toward  
Dryden), Phone: 273-0595

Dun Rovin Motel—658 Elmira Road (Route 13),  
Phone: 272-1072

Elmshade Guest Home—402 South Albany Street,  
Phone: 273-1707

Grayhaven Motel—657 Elmira Road (Route 13),  
Phone: 272-6434

Hillside Inn—518 Stewart Avenue,  
Phone: 272-9507

Holiday Inn—North Tripphammer Road (Off Route  
13), Phone: 257-3100

Howard Johnson's Motor Lodge—North Trip-  
hammer Road & Route 13, Phone: 257-1212

Kenton Plaza Motel—South Meadow Street,  
Phone: 273-0424

Meadow Court Motel—529 South Meadow Street,  
Phone: 273-3885

Ramada Inn—222 South Cayuga Street,  
Phone: 272-1000

Sheraton Motor Inn—North Tripphammer Road  
(Off Route 13), Phone: 257-2000

Spring Water Motel—Varna—(Route 366 toward  
Dryden), Phone: 272-9811

Varna Inn—933 Dryden Road, Phone: 273-0595

Wonderland Motel—654 Elmira Road (Route 13),  
Phone: 272-5252

### *Cortland Area (Approximately 20 minutes from Ithaca)*

Cortland Motor Court—Route 13, Phone: 753-3351

Holiday Inn—Clinton Avenue & River Street,  
Phone: 756-7543

Riverside Motel—Cortland-Homer Road,  
Phone: 753-3388

Telephone Area Code 607

## PLEASE TEAR OFF AND RETURN WITH YOUR PRE-REGISTRATION

Seminars will be presented at the designated time and place. Attendance will be limited to the number of seats available. Tickets will be collected at the door and will be valid until 10 minutes after the presentation has begun. Please indicate 1st, 2nd, and 3rd preference by course number and title.

*Tuesday, January 21st (Morning Session)*

1st \_\_\_\_\_  
2nd \_\_\_\_\_  
3rd \_\_\_\_\_

*Tuesday, January 21st (Afternoon Session)*

1st \_\_\_\_\_  
2nd \_\_\_\_\_  
3rd \_\_\_\_\_

*Wednesday afternoon "This Thing Called Leadership" by Thomas Lawrence—\$5.00 surcharge*

*Thursday, January 23rd (Morning Session)*

1st \_\_\_\_\_  
2nd \_\_\_\_\_  
3rd \_\_\_\_\_

*Thursday, January 23rd (Afternoon Session)*

1st \_\_\_\_\_  
2nd \_\_\_\_\_  
3rd \_\_\_\_\_

Conference Registration—\$30.00

Special lecture by Thomas Lawrence—\$5.00\*

Total enclosed \$ \_\_\_\_\_

\*Tickets will be reserved for those enclosing the \$5.00 surcharge.

