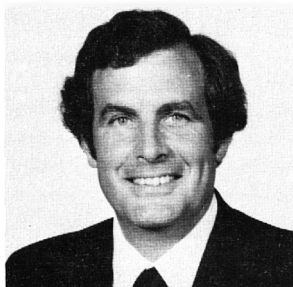


AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS
16th ANNUAL CONFERENCE
OKLAHOMA CITY, OKLAHOMA

November 28 - December 1, 1983

Specialty Seminars — November 27-29 — December 1-3

INVITATION FROM
THE PROGRAM
CHAIRMAN



The 1983 Sixteenth Annual Conference of the AABP is the most diversified ever. With twenty-three technical and total living seminars to choose from, including new advanced level seminars in reproduction and environmental health management. All seminars have been classified as to entry level, intermediate or advanced in structure.

The general sessions include topics on income producing ideas, problem solving sessions, physiology, metabolism, reproduction, herd health, and infectious disease.

A new addition to the program is the section on Thursday night for drug company technical seminars. The program committee has spent nearly 1500 man hours planning and preparing this meeting. I am sure that you will find the scientific program the "best ever".

The local arrangements committee has two exciting nights of entertainment in trips to the Cowboy Hall of Fame and a gala banquet.

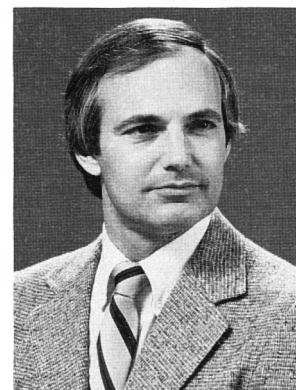
The Assistant Secretary of Agriculture, the Director of the Bureau of Veterinary Medicine and the President of Oklahoma State University will highlight the plenary session.

Following the meeting five-hundred tickets are available for the World Famous National Finals Rodeo. Tours also highlight the activities for those who wish to see area attractions. The exhibit area will be open daily for those seeking new information. An enlarged area for the autotutorial program promises to serve over one hundred persons at a time.

Come to Oklahoma City for education, entertainment and relaxation.

Sincerely,
Jenks S. Britt DVM and
Program Committee Members

INVITATION FROM
THE PRESIDENT



On behalf of the officers and directors of the AABP I would like to extend a personal invitation to you and your family to attend the 16th Annual Conference in Oklahoma City.

One of the major functions and goals of AABP is to provide the best continuing education opportunity to all bovine practitioners. Over the years we have fulfilled that function. Dr. Jenks Britt and his program committee have assembled a tremendous program with more choices and continuing education opportunities than ever before.

Eric Williams, Harry James and their committees have arranged social activities which are outstanding. Take time to look through the program carefully. There are interesting and fun activities for everyone every day.

I would like to encourage all of you to consider attending the committee meetings. All committee meetings are open to all members and many will include informative programs.

The AABP annual conference is the best continuing education value in veterinary medicine. We are expecting another record attendance. Plan now to attend. See you all in Oklahoma City!

Sincerely,
Glen F. Hoffsis, DVM
President

AABP 1983 PROGRAM COMMITTEE

Program Chairman

Jenks S. Britt

District VII Director and General Chairman

J. Harry James

Local Arrangements

Eric Williams

Paul Winsor

Program Adviser

Thomas J. Fuhrmann

Exhibits Chairman

Samuel Hutchins

Seminar Coordinator

Roger Meads

Dairy

Thomas Fuhrmann

Robert Winn

Cow-Calf

Duane Miksch

Fayne Oberst

Larry Rice

Feedlot

Ray Ivie

Don Williams



J. Harry James

Practice Tips, Short Topics, Research Summaries

David McClary

Duane Miksch

Autotutorial

Thomas Thedford

Edward Ames

J. Mack Oyler

OSU Student Chapter AABP

Spouse Program

Mary Williams

Norma Denny

Hannah James

Nevallee Sewell

Publicity

Lloyd Faulkner

Keith Flanagan

Patrick Morgan

Special Events

Marvin Denny, Jr.

James Eischen

Jonathan Friend

Dan Goodwin

Robert Hartin

Harold Miller

Louie Stratton

Carl Ward

REGISTRATION

Sunday, November 27 — 7:00 A.M.-4:00 P.M.

Sheraton Century Center, Foyer 2nd Floor

Monday, November 28—7:30 A.M.-5:00 P.M.

Sheraton Century Center, Foyer 2nd Floor

Tuesday, November 29—7:30 A.M.-5:00 P.M.

Myriad, First Floor

Wednesday, November 30—8:00 A.M.-5:00 P.M.

Myriad, First Floor

Thursday, December 1—8:00 A.M.-5:00 P.M.

Myriad, First Floor

BUSING

Free busing will be provided between the Hilton Inn West and downtown meeting sites as follows:

Sunday, November 27

7:30 A.M. Hilton Inn West to Sheraton Century Center

5:30 P.M. Sheraton Century Center to Hilton Inn West

Monday, November 28

7:30 A.M. Hilton Inn West to Sheraton Century Center

12:00 noon Sheraton Century Center to Hilton Inn West

1:00 P.M. Hilton Inn West to Sheraton Century Center

5:30 P.M. Sheraton Century Center to Hilton Inn West

6:30 P.M. Hilton Inn West to Sheraton Century Center

10:35 P.M. Sheraton Century Center to Hilton Inn West

Tuesday, November 29

7:30 A.M. to 10:30 P.M.—All Day

Between Hilton Inn West and Myriad

Wednesday, November 30

7:30 A.M. to Midnight—All Day

Between Hilton Inn West and Myriad

Thursday, December 1

7:30 A.M. to 10:30 P.M.—All Day
Between Hilton Inn West and Myriad

Friday, December 2

7:30 A.M. Hilton Inn West to Sheraton Century Center

Saturday, December 3

7:30 A.M. Hilton Inn West to Sheraton Century Center

SEMINARS

This year's seminars will be divided into two categories. We will have **Technical Seminars** plus **Total Living Seminars**.

Technical seminars are listed as entry level or basic, intermediate, and advanced.

Total living seminars are open to anyone in attendance, which includes members, spouses, exhibitors and all.

The early years of most veterinarian's lives are devoted full-time to the process of acquiring a profession. The next phase of their lives is spent developing a practice and acquiring new professional skills. Most of us forget, or never learn, during this period of time, how to become a "Total Person". The Total Living Seminars are an attempt by our association to make everyone aware of the non-technical side of life and living.

Seminar coordinators will be stationed at the doors to collect tickets and help with handouts. Please assist them by abiding by their requests.

TECHNICAL SEMINAR 1 Quality Milk

Level: Advanced
Limit: 20 Fee: \$450/person
Date: Sunday, November 27, 1983 thru
Tuesday, November 29, 1983
Time: 8:00 A.M. Sunday - 10:00 P.M. Tuesday
Room: *Great Plains Room - Sheraton Century*
Seminar Supervisor: Jim Jarrett
Seminar Instructors: Jim Jarrett, Paul Blackmer,
Nelson Philpot, and Larry Heider

Paul Blackmer - Quality milk problems with relation to high bacteria counts, off flavors, and evaluation of milking equipment in large herd management situations.

Nelson Philpot - Bacteriology and other management aspects of producing quality milk.

Larry Heider - Evaluation of milking equipment in small dairy barns with emphasis on bucket milkers and current approaches to therapy.

James Jarrett - Basic milking machine function and evaluations.

The entire staff will be involved in discussion of these and other areas related to production of quality milk.

TECHNICAL SEMINAR 2 Fundamentals of Embryo Transfer

Level: Entry
Limit: 125 Fee: \$40.00/person
Date: Wednesday, November 30, 1983
Time 7:30 AM - 11:30 AM and 1:30 PM - 5:00 PM
Room: *No. 10 - Myriad*
Seminar Supervisor: R. Peter Elsden
Seminar Instructor: R. Peter Elsden

This seminar will focus on the basic aspects of embryo transfer needed by the practitioner who anticipates starting embryo transfer, or who wants to be better able to inform and advise his clients on the subject.

The course will cover the techniques and equipment, basis of superovulation and estrus synchronization, common problems and their solutions, expected results, costs, and recommendations to clients.

The practitioner will be informed on all areas of embryo transfer technology which can be employed in practice. This course will serve as a basis for enrollment in the advanced embryo transfer course.

The course registration will include Dr. Elsden's textbook which will serve as the course notes.

TECHNICAL SEMINAR 3 Advanced Techniques of Embryo Transfer

Level: Advanced to Expert
Limit: 20 Fee: \$1,000.00/person
Date: December 1, 1983 - December 3, 1983
Time: 8:00 AM Thursday thru Saturday noon
Room: *El Reno Jr. College* (busing will be provided from Sheraton Century)
Seminar Supervisor: Joe Wright
Seminar Instructors: Joe Wright, R. Peter Elsden, Robert Rowe, Edwin Robertson, and Jim Eischen

Embryo transfer seminar is being presented by the people who developed and perfected the non-surgical technique. All the instructors are involved with embryo transfer procedures on a full time basis.

This seminar is intended for veterinarians who have a sound, basic understanding of embryo transfer, are proficient and knowledgeable in reproduction, and who wish to become more skillful in the actual practice of E.T. techniques.

This will be a laboratory course utilizing superovulated cows, and synchronized donors and recipients. All equipment will be furnished. Personalized attention will be given by the expert faculty to assure maximum progress by the participants.

Participants should be experienced and skillful in rectal palpation before enrolling in this course.

TECHNICAL SEMINAR 4 Dairy Cattle Reproduction

Level: Knowledgeable thru Intermediate
Limit: 100 Fee: \$35.00/person
Date: November 29, 1983
Time: 8:00 AM - 12:00 noon and 1:00 PM - 5:00 PM
Room *No. 10 - Myriad*

Seminar Instructors: Howard Whitmore and Borje K. Gustafsson

This course is provided for the practitioner who would like to do more reproductive work in his practice. This course will update your knowledge and improve your reproductive palpation skills.

This seminar is designed to update dairy and beef practitioners that are planning to initiate or expand their reproductive herd health programs. The lectures will focus on diagnosis and treatment of uterus infection, cystic ovaries, and the detection of estrus. New information from clinical trials will be presented. The objectives of herd health programs will be reviewed. The lecture portion will last three or four hours depending on the time available. (8:00-12:00).

The laboratory portion (1:00-4:00 PM) will utilize reproductive tracts. Participants will be divided into three groups of forty each for one hour of tract examination. The laboratory will review retraction of the uterus, diagnosis of pregnancy, and identification of a mature corpus luteum.

TECHNICAL SEMINAR 5

Advanced Dairy Cattle Reproduction

Level: Advanced Intermediate thru Specialty Level

Limit: 100 Fee: \$35.00/person

Room: No. 7 - *Myriad*

Date: Tuesday, November 29, 1983

Time: 8:00 AM - 5:00 PM

Seminar Instructors: Jack Britt, Reproductive Physiologist, North Carolina; Martin Drost, University of Florida; Jerry Olson, Colorado State University

This course is designed for the practitioner who devotes a large portion of his/her time to fertility problems in dairy cattle. Experts will discuss the most recent scientific and clinical findings on diagnosis, treatment and prevention of reproductive problems. The course will deal with new concepts of hormone action and how hormones and drugs should be used in the treatment of fertility problems. Emphasis will also be placed on new approaches to examination and treatment of disorders of the genital tract including lesions of the uterus, vulva, vagina, and cervix. New approaches to the diagnosis and treatment of metritis and pyometria will be presented. Finally, the course will deal with new ideas about handling obstetrical problems and with methods for improving heat detection in dairy herds. The course will be scheduled for a total time of about six hours divided equally between morning and afternoon sessions.

TECHNICAL SEMINAR 6

Beef Cattle Reproductive Management

Level: Entry

Limit: 100 Fee: \$50.00/person

Date: Tuesday, November 29, 1983

Time: 8:00 - 4:00 PM

Room: No. 8 - *Myriad*

Seminar Coordinator: Duane Miksch

Seminar Instructors: James N. Wiltbank assisted by Lawrence E. Rice and Duane Miksch

This course will focus on management of beef herds for intensified reproduction. Life-cycle management for establishing and maintaining maximum reproductive efficiency will be emphasized.

Topics will include:

- Review of reproductive physiology
- Applied reproductive endocrinology
- Replacement heifer selection and development
- Feeding for improved reproductive efficiency
- Suckling management
- Bull selection to enhance herd fertility
- Mating behavior evaluation

- Estrous synchronization
- Evaluation of available methods
- Management for maximum benefit
- Improving estrus detection
- Profitable culling practices

Some classroom time will be spent working out problems. Each participant should bring a pocket calculator.

TECHNICAL SEMINAR 7

Surgery

Level: Introductory to Intermediate

Limit: 125 Fee: \$35.00/person

Date: Wednesday, November 30, 1983

Time: 8:00 AM - 5:00 PM

Room: No. 21 - *Myriad*

Seminar Supervisor: Bruce Hull

Seminar Instructors: Bruce Hull, The Ohio State University; John Noordsy, Kansas State University; Don Smith, University of Wisconsin

This seminar will focus on many of the more common surgical procedures used in Food Animal Practice. It will include ocular, reproductive, orthopedic, digestive, and teat and udder surgeries. Although indications for the surgeries will be discussed, this is not a seminar on diagnosis. Emphasis will be on the surgical procedure as well as anesthetics and complications. This seminar will be geared toward the practitioner and procedures he can use in his own practice. This is not a wet lab.

Routine left abomasal displacement will not be covered, however, complications such as ulcers, fistulas and adhesions will be included.

TECHNICAL SEMINAR 8

Total Animal Health Care, Environmental and Management Systems for Dairy Cattle

Level: Introductory thru Advanced

Limit: 125 Fee: \$35.00/person

Date: Thursday, December 1, 1983

Time: 8:00 AM - 5:00 PM

Room: No. 8 - *Myriad*

Seminar Instructors: John F. Anderson, University of Minnesota; Donald W. Bates, University of Minnesota

Criteria for planning new or modifying existing confinement buildings with respect to animal environment including insulation, fresh air and mechanical exhaust system design will be presented, using an operating model to show fan performance. Natural ventilation systems will be discussed together with their relationship to energy efficiency and animal health.

The epidemiology, pathology, medical and economic points of field investigation will be presented together with the results of recently completed research.

Maternity areas and restraint facilities for dairy cattle will be emphasized. Calf housing with special reference to calf hutches and super calf hutches will be covered. Heifer, dry cow and milking herd facilities as they relate to health, well being and herd cost benefit ratios for veterinary service will also be included.

Participants will learn to calculate inlet air exchange requirements. The influence of ventilation on farm animal respiratory function and susceptibility to disease will be covered.

TECHNICAL SEMINAR 9

Herd Health Program Nutrition Management Using The TI 59 Calculator

Level: Advanced

Limit: 20 Fee: \$300.00/person

Date: Sunday, November 27, 1983
Tuesday, November 29, 1983
Time: 8:00 AM - 10:00 PM (Sunday thru Tuesday)
Room: *Frontier - Sheraton Century*
Seminar Supervisor: Ben Harrington
Seminar Instructors: Ben Harrington, Tim Lesch,
Jenks Britt, Arden Nelson

Participants must have the following equipment: TI 59 calculator and printer and magnetic cards. The new AABP nutrition module is available for this seminar. Participants should have had prior courses in basic nutrition.

Calculator Introduction: Basic Calculator and Card; Introduction to Calculator; Memory Blocks and Program Stop; Repartitioning for Nutrition Programs; Writing Programs and Magnetic Cards; Card Copying - Nutrition Programs; Basic Use of Calculator and Programs.

Ration Analysis: Ration Analysis; Prediction Dry Matter Intake; Nutrient Generation; Ration Balancing; Batch Mixes; Feeding Charts; Grain Tapes.

Applied Dairy Nutrition: Nutritional Physiology; Metabolic and Production Diseases; Feeding Systems Management; Byproduct Feedstuffs.

TECHNICAL SEMINAR 10

Herd Health Program Nutrition Management Using The TI 59 Calculator Update and Review

Level: Advanced
Limit: 30 Fee: \$50.00/person
Date: Wednesday, November 30, 1983
Time: 8:00 AM - 12:00 Noon
Room: *Frontier*
Seminar Supervisor: Ben Harrington
Seminar Instructors: Ben Harrington, Tim Lesch,
Jenks Britt, Arden Nelson

The new AABP nutrition module is available for this seminar program update with discussion of new programs and their application.

All Participants: 1. Should have experience with the calculator programs presented by the above speakers at previous seminars, 2. Must have a TI 59 calculator and printer, and 3. Should bring examples of problem herds for group discussion.

Nutrient generator updates for milking, dry cows and heifers, with modification of nutrient requirements will be discussed.

TECHNICAL SEMINAR 11

Microcomputer Workshop For Clinical Problems

Level: Introductory
Limit: 20 Fee: \$125.00/person
Date: Tuesday, November 29, 1983
Time: 8:00 AM - 5:00 PM
Room: *Red Carpet*
Seminar Supervisor: Ben Norman
Seminar Instructors: Robert Harman, Terry Lehensbauer, Ben Norman

This hands-on workshop (2 persons/micro, 1 instructor/2 micros) is in clinical epidemiology. No computer experience is necessary. Case presentations will be solved using special software for determining attack rates, relative risk, odds ratios, non-parametric tests, test sensitivity and specificity, and proportion/ration analysis. It is an informal presentation oriented towards clinical problems and there will be handouts. The Osborne portable microcomputer will be used. If participants wish to bring their Osborne or Keypro portable to use, they are encouraged to do so.

TECHNICAL SEMINAR 12

Basic Bovine Nutrition

Level: Entry or refresher level - Intensive Nutrition Seminar
Limit: 100 Fee: \$150.00/person
Date: Sunday, November 27, 1983 and
Monday, November 28, 1983
Time: 8:00 AM - 10:00 PM
Room: *20th Century - Sheraton Century*
Seminar Supervisor: Ben Norman
Seminar Instructors: Don Bath, Mike Hutjens, Don Wagner, Gl Kuhl

This is an entry or refresher level intensive nutrition seminar. The first day will be spent in joint session on nutrient analysis, energy and protein considerations, rumen physiology, calcium-phosphorus considerations, and trace minerals. The second day separate beef and dairy sections will use the NRC requirements manuals as texts to solve case presentations. Common field problems will be discussed. There will be small group evening sessions on solving nutrition problems with microcomputers (hands-on), and 4-function calculators (please bring yours). Nutrition, as it applies to field problems, will be stressed. Nationally known animal scientists will provide the instruction. There will be adequate handouts.

This course will have more emphasis on application, implementation, and the use of computers and ration calculations.

TECHNICAL SEMINAR 13

Advanced Dairy Nutrition With Microcomputer Application

Level: Intermediate to Advanced
Limit: 20 Fee: \$95.00/person
Date: Tuesday, November 29, 1983
Time: 8:00 AM - 10:00 PM
Room: *Kiamichi*
Seminar Supervisor: Ben Norman
Seminar Instructors: Don Bath, Mike Hutjens

Those taking this seminar should have some basic nutrition background, and/or experience in working with dairy cattle nutrition problems. (If you are not sure, discuss it with Dr. Norman 916) 752-0853 office, 756-1977 home). Rumen buffering nutrition and reproduction, nutrition and downer cows, and dry cow nutrition management will be discussed on a case presentation basis. This is a discussion style seminar; come prepared to participate. Handouts. There will be an evening microcomputer lab, two persons/micro.

TECHNICAL SEMINAR 14

Advanced Beef Cow Nutrition With Microcomputer Application

Level: Intermediate to Advanced
Limit: 20 Fee: \$95.00/person
Date: Tuesday, November 29, 1983
Time: 8:00 AM - 10:00 PM
Room: *Plaza North*
Seminar Supervisor: Ben Norman
Seminar Instructors: Don Wagner, Don Gill

This seminar presumes some nutrition background and/or experience, such as the AABP general nutrition seminar series. Nutrition and reproduction will be covered. Protein quality and NPN protein use will be discussed. Supplementation regimes for cows will be reported. There will be time for questions and answers. This is a discussion style seminar, come prepared to participate. Handout. There will be an evening microcomputer lab, two persons/micro.

TECHNICAL SEMINAR 15

Microcomputer Nutrition Formulation Workshop

Level: Intermediate to Advanced
Limit: 30 Fee: \$125.00/person
Date: Wednesday, November 30, 1983
Time: 8:00 AM - 5:00 PM
Room: *Red Carpet*
Seminar Supervisor: Ben Norman
Seminar Instructors: Ben Norman, Robert Harman,
Terry Lehenbauer, Loren Bennett,
Bill Strouder

This workshop presupposes some background or experience in nutrition, such as the AABP general nutrition seminar series. It will use two or three nutrition software packages to solve routine nutrition formulation problems. It is a hands-on, two persons/microcomputer workshop with one instructor/two micros. Practitioners, nutritionists, and computer people comprise the instructor staff. The Osborne portable microcomputer will be used. Some software may be available for the Kaypro format. Those having one of these two machines may bring their own, if they so desire. Handout material.

TECHNICAL SEMINAR 16

General Microcomputer Workshop

Level: Intermediate to Advanced
Limit: 20 Fee \$250.00/person
Date: Sunday, November 27, 1983
Monday, November 28, 1983
Time: 8:00 AM - 5:00 PM
Room: *Red Carpet - Sheraton Century*
Seminar Instructors: Robert Harman, Bill Stouder,
Terry Lehenbauer, Ben Norman, Loren Bennett, others

This is a hands-on microcomputer workshop using 64K SSDD dual 5.25 inch floppy disk 8-bit portable microcomputer. There will be two persons per machine, one instructor/two machines. Computer-wise practitioners, nutritionists and programmers are the instructors. The first morning will be spent in learning to run the machine, load the software, backup disks, hook up printers, get some of the canned software up and in running mode. Plenty of time for questions, and plenty of instructors. The first afternoon will cover canned programs adapted by practitioners to use in their clinics... drug inventory, word-processor, accounts programs, spreadsheet payrolls, etc. The second morning, a menu driven nutrition program will be used. Additional use of canned programs will be covered. Logging on the library data bases will be demonstrated via modem-phone. The last afternoon will be spent in review and discussing one or more practice management packages. The Osborne microcomputer will be used. Those participants who have this or a Kaypro are encouraged to bring their own machine.

TECHNICAL SEMINAR 17

Microcomputing Potentials For Practice Use

Level: Introductory
Limit: 100 Fee: \$20.00/person
Date: Thursday, December 1, 1983
Time: 1:15 PM - 5:00 PM
Room: *No. 7 - Myriad*
Seminar Supervisor: Ben Norman
Seminar Instructors: Robert Harman, Terry Lehenbauer, Ben Norman

This is a general session seminar using two lecturers simultane-

ously commenting on a set of projected color slides (Mutt & Jeff style). General background, selecting hardware, selecting software, buzzwords, and new equipment will be discussed. This is basically an introduction to microcomputing for those interested in getting started or evaluating the potential for the microcomputer in veterinary practice. A lot of information will be presented in a very concise manner. There will be time for questions. Sources of additional information will be provided.

TECHNICAL SEMINAR 18

The Veterinarians Role in the Production of Quality Milk

Co-Sponsored by the National Mastitis Council

Level: Introductory
Limit: 50 Fee: \$35.00/person
Date: Wednesday, November 30, 1983
Time: 8:00 AM - 12:00 PM
Room: *No. 8 - Myriad*
Seminar Supervisor: Tom Fuhrmann
Seminar Instructors: Henry Atherton, Paul Blackmer, Dave Galton, Bob Bushnell and Larry Heider

This seminar will increase the practitioner's understanding of the link between hygiene, mastitis prevention, and the production of low bacteria, high quality milk. Each instructor will take 45 minutes to outline information a dairy practitioner should know and apply when implementing mastitis control programs for his clients.

1. Definition of the factors present on dairy farms that affect milk quality standards such as Standard Plate counts, Laboratory Pasteurized Counts, Shelf-life, rancidity, off-flavors, ropiness (Henry Atherton).
2. Discussion of bulk tank milk analysis as a veterinarian's role in evaluating mastitis levels, milking procedure and milking system sanitation (Paul Blackmer).
3. Discussion of recent research about cow preparation, pre-dipping and cow handling with emphasis on smaller dairy applications (David Galton).
4. Discussion of large herd hygiene programs with special attention to cluster backflushing and its' worth in mastitis control (Bob Bushnell).
5. Discussion of what a veterinarian can do with individual cow somatic cell count information. Ideas for veterinarian-client continuing education opportunities will be introduced (Larry Heider).

DRUG COMPANY SEMINARS

Thursday, December 1, 1983

7:00 PM

Rooms - to be Announced

The Role of Haemophilus Somnus in Reproductive Problems in the Bovine . . . (Philips Roxane)
Phil Geeding

Breeding and Reproductive Problems . . . (Albion Laboratories)
Harvey Ashmead, Buck Chastain and Martin Ringlberg

The Effect of RALGRO implants on Reproduction in Heifers . . . (International Minerals & Chemical Co.) - **William Chandler**

Bovine Respiratory Syncytial Virus - **Norden**
Computers in the Veterinarians' Practice . . . (Professionals Software, Inc.) - **Ester Arginbright**

Field Experiences with Insecticide Tags . . . (Wellcome Labs) - **John Riner**
Experimental and Field Usage of Inactivated

BVD or IBR-PI₃-BVD Vaccine in Feedlot Cattle . . .
 (Fort Dodge) - **John Schnackel**
 Teat Shield with Germicide . . . (3M/Animal
 Care Products)
 New Developments in Pinkeye Control . . .
 (Schering Corporation) - **Panel Discussion**
 Mastitis therapy with emphasis on antibiotic
 residues in milk: (Bristol Labs) **Dan Gingerich**

TOTAL LIVING SEMINAR A Personal Financial Planning

Level: Entry thru Advanced
 Limit: 150 Fee: \$25.00/person
 Date: Monday, November 28, 1983
 Time: 1:00 PM - 5:00 PM
 Room: *Plaza North - Sheraton Century*
 Seminar Instructor: **Thomas L. Nolan, Jr.**

It is not important how much you earn. The only facet that really matters, "How much will you keep, and what will it do for you in the future". Mr. Nolan is basically a conservative moderate, who stresses that now is the time to start securing ones' financial future. He draws on his broad background to provide helpful money management tips from which everyone can profit. He consistently emphasizes how and where an individual can seek additional advice before taking a major step. This seminar provides information in layman's language about money, investing, economics, and retirement planning. This is a thinking seminar for persons who want to improve their long term financial status.

TOTAL LIVING SEMINAR B Personal Power and Positive Addiction

Level: Introductory
 Limit: 125 Fee: \$25.00/person
 Date: Wednesday, November 30, 1983
 Time: 8:00 AM - 12:00 PM
 Room: *20th Century - Sheraton Century*
 Seminar Instructor: **Edie Raether**

1. By developing a positive mental attitude you will learn to infect others with the same enthusiasm and motivation.
2. Channel vital energies into actual human potential, power, and goal accomplishment through mental magnetism and the power of positive thinking.
3. Learn how to master mental imagery and acquire personal freedom and fulfillment.
4. Learn how the thinking body and the moving mind conflict but also cooperate to achieve personal success.

TOTAL LIVING SEMINAR C Why Not Wellness

Level: Introductory
 Limit: 125 Fee \$25.00/person
 Date: Wednesday, November 30, 1983
 Time: 1:00 PM - 5:00 PM
 Room: *20th Century - Sheraton Center*
 Seminar Instructor: **Edie Raether**

1. Being fat isn't funny.
2. Self-health is your responsibility, not your doctor's.
3. It is never too late to attempt to stay well! Discussion will center on the care of physical self, mental and emotional wellness and learn how to change stress energies into constructive attitudes. Develop personal relationships which enhance your potential for a more creative involvement with others.

4. Weight Awareness - food and feelings don't mix.
5. A wellness evaluation of yourself, your health, and your lifestyle will encourage a greater commitment to your own personal, total well being while still being able to earn a buck.

TOTAL LIVING SEMINAR D Super Learning - A Whole Brain Approach

Level: Introductory
 Limit: 125 Fee: \$25.00/person
 Date: Thursday, December 1, 1983
 Time: 7:30 AM - 11:30 AM
 Room: *20th Century - Sheraton Century*
 Seminar Instructor: **Edie Raether**

To better cope with job and family pressures as well as changing lifestyles, a wholistic approach to learning can change the direction of your life.

1. Learn how to develop a super memory.
2. Learn how to learn 10 times faster than normal.
3. Learn how to tap the reserve potential of your mind.
4. Learn how to integrate the intellectual, rational left brain with the intuitive, emotional right brain into the creative, self-confident, healthy, emotional stable, total person.
5. Super learning will help you become a Super Self.

TOTAL LIVING SEMINAR E Motivation and Change Through the Art of Skillful Communication

Level: Introductory
 Limit: 125 Fee \$25.00/person
 Date: Thursday, December 1, 1983
 Time: 1:30 PM - 5:00 PM
 Room: *20th Century - Sheraton Century*
 Seminar Instructor: **Edie Raether**

No matter how intelligent, creative, skillful, or sexy you are, one cannot achieve personal or professional goals without effective communications. An understanding of the behavioral tendencies of self and others will be acquired through the Personal Profile System, an insightful self-awareness tool.

Discover the impact of a metacommunications model and learn to recognize double-find messages, decode unspoken intentions, hidden agendas and ulterior motive by *seeing* what is said and *hearing* what is not said. Learn how to stop the crazy-making. With a whole-brain approach to communications, discover the subtle powers of suggestion which enhance family relationships and improve team building and job success!

PRACTICAL TIPS

Monday, November 28, 1983
 7:00 PM - 9:30 PM

18th Century - Sheraton Century
David McClary, Presiding

- 7:00 "Cow and Curves", **Elaine Painter**
 7:30 "Bovine Practice in Hawaii", **David Mackay**
 7:30 "Isoniazid treatment of Respiratory infections in back ground lot and feed lot calves", **Mark Schwarm**
 7:45 Use of the staple gun in teat suturing, **Leland Allenstein**
 8:00 Use of tissue adhesive in teat surgery, **Jorgen Grymer**
 8:15 Veal Calf Practice, **Robert Blease**

- 8:30 Don't Underrate T.B. Testing, **Steve Smalley**
- 8:45 Use of a letter opener for uterine incision during caesarean section, **Walter Guterbock**
- 9:00 Use of plastic buttons for repair of vaginal prolapse in the cow, **Joe Dixon**
- 9:15 Use of TRS microcomputer with the DHIA DART programs in the southeast, **Howard Jones**

RESEARCH SUMMARIES

Monday, November 18, 1983

7:00 PM-9:30 PM

20th Century - Sheraton Century

Duane Miksch, Presiding

- 7:00 Factors Involved in Udder Edema, **Jerry Vestweber**
- 7:15 Effect of Unilateral Orchiectomy on Semen Quality of Bulls, **Dwight Wolfe**
- 7:30 Bovine Keratoconjunctivitis (pinkeye): Disease Reproduction and Development of a Vaccine, **Robert Gwin**
- 7:45 Mycoplasma Pinkeye, **Fred Troutt**
- 8:00 Use of Prostaglandins to Reduce Days Open in a Dairy Herd, **Robert Harris**
- 8:15 A Field Study of Reproductive-Problem Dairy Herds, **Lawrence Hutchinson**
- 8:30 Comparisons of Colostral and Milk Antibody Titers in Cows Vaccinated with E. coli K-99 Antigen, **Arthur Donovan**
- 8:45 Effects of Feeding Microbial Cultures to Neonatal Calves Fed Whole Milk, **Ernest Bliss**
- 9:00 Demonstration of Colonies of *Anaplasma Marginale Dermacentor Andersoni*, **Katherine Kocan**
- 9:15 Fescue Toxic Syndrome Update, **Duane Miksch**

GENERAL SESSION I

Tuesday, November 29, 1983

Great Hall I - Myriad

Keith Sterner, Presiding

- 8:00 Rumen Metabolism and Metabolic Disease, **Fred Troutt, David Olson, Fred Owens**
- 10:00 Break
- 10:30 Rumen Metabolism and Metabolic Disease, Continued
- 12:00 AABP Lunch Exhibit Area
- 1:30 Rumen Metabolism and Metabolic Disease, Continued
- 3:00 Break
- 3:30 Rumen Metabolism and Metabolic Disease, Continued

GENERAL SESSION II

Tuesday, November 29, 1983

Great Hall II - Myriad

Jenks Britt, Presiding

Income Producing Ideas For Your Practice

- 8:00 Embryo Transfer, As Part of a Group Practice, **Edwin Robertson**
- 9:00 Dairy Cattle Nutritional Consultation, As Part of a Total Herd Health Program, **Arden Nelson**
- 10:00 Break
- 10:30 Practical and Economical Fluid Therapy, **M. L. Mueller**
- 11:15 Practical and Economical Fluid Therapy, **Dave Buchaltz**
- 12:00 Noon Lunch Exhibit Area
- 1:30 A Livestock Producer Fair, **Harry James**
- 2:15 Veal Calf Consultation, **Robert Blease**
- 3:00 Break
- 3:30 Use of a Microcomputer For Consultation, **Gene Leverette**
- 4:15 An Innovative Dispensing Pharmacy, **Daryl Meyer**

GENERAL SESSION III

Wednesday, November 30, 1983

Great Hall I - Myriad

Fayne Oberst, Presiding

Infectious Diseases

- 8:00 Anaplasmosis - A Practitioners Approach to Diagnosis and Control, **Lane Corley**
- 8:45 Blue Tongue - Diagnosis and Significance in the Bovine, **Al Luedke**
- 9:30 Differential Diagnosis of Unusual Viral Diseases, **Tony Castro**
- 10:15 Break

GENERAL SESSION IV

Wednesday, November 30, 1983

Great Hall II - Myriad

Noil Anderson, Presiding

Environment

- 8:00—10:15 The Effect of the Environment on Neonatal Calves, **John Anderson, David Olson**

SHORT TOPICS

Wednesday, November 30, 1983

8:00 AM - 10:15 AM

No. 7 Myriad

J. Harry James, Presiding

- 8:00 Current Status of Estrus Synchronizing

- Agents, **Ernest Henderson**
- 8:15 Antibiotic Susceptibility of *Pasteurella* spp, **Myron Brown**
- 8:30 Bovitec: Toxic Syndrome, **Jay Hanson**
- 8:45 Inomec: Field Productivity Studies in Feedlot, **John Holste**
- 9:00 Ivomec: Field Productivity Studies in Cow/Calf Operations, **John Holste**
- 9:15 Biotechnology Advances in Veterinary Medicine, **Vincent Scialli**
- 9:30 Update on Animal Testing Results Using Genetically Engineered Substances, **Vincent Scialli**
- 9:45 Efficacy of a Modified Live *Pasteurella Hemolytica* Vaccine, **Clyde Smith**
- 10:00 Anthelmintic Studies Using A Morantel Sustained Releasing Bolus, **Dreyfus Froe**

PLENARY SESSION

Wednesday, November 30, 1983
Great Hall I - Myriad
 Glen Hoffsis, Presiding

- 10:30 **C. W. McMillan**, United States Assistant Secretary of Agriculture
- 11:00 **Lester Crawford**, Director, Bureau of Veterinary Medicine
- 11:30 Greetings: **Dr. Lawrence L. Boger**, President Oklahoma State University

DAIRY SPLIT SESSION I

Wednesday, November 30, 1983
Great Hall I - Myriad
 Tom Fuhrmann, Presiding

Calf Management Symposium

This half-day session will attempt to provide the practitioner with information to prevent disease and manage the baby calf. It will not discuss the pathophysiology of enteritis or the specific treatment for diarrhea in calves. Speakers will combine their own expertise with literature review in each of five areas of baby calf management to give the practitioner information that can be applied to client's calf management programs.

- 1:30 Calf management programs that work and those that don't work; when the veterinarian should intervene, **David Waltner-Toews**
- 2:00 The role colostrum plays in controlling calf health; when and how to get it to the baby calf, **Clive Gay**
- 2:30 Break
- 3:00 Proper feeding of the baby calf; to what extent do nutrient deficiencies affect the health

of the calf, but how costly is over doing it?
Elaine Hunt

- 3:30 The effects of housing management on baby calf livability; considerations of housing, stress, sanitation and calf health, **Dale Hancock**
- 4:00 Controlling neonatal pathogens to increase calf livability; judicious use of vaccines and biologics in preventive medicine calf programs, **Steve Acres**
- 4:30 Questions and Answers

FEEDLOT SPLIT SESSION

Wednesday, November 30, 1983
No. 8 - Myriad
 Don Williams, Presiding

Feedlot Management

- 1:30 Feedlot Disease Losses, **Dee Griffin**
- 2:15 Implants and Feed Additives - The Outlook, **Don Gill**
- 3:00 Break
- 3:30 The Outlook For A Changing Cattle Business in 1984, **Tommy Beal**
- 4:15 The Sudden Death Syndrome, **Harry Anthony**

COW/CALF SPLIT SESSION

Wednesday, November 30, 1983
Great Hall II - Myriad
 Duane Miksch, Presiding

Cow Herd Management

- 1:30 Neonatal Calf Management, **Larry Rice**
- 2:15 Range Bull Breeding Management, **Robert Hudson**
- 3:00 Break
- 3:30 An Idealistic Herd Health Program, **Duane Miksch**
- 4:15 A Realistic Herd Health Program, **Herbert Clarke**

DAIRY SPLIT SESSION II

Thursday, December 1, 1983
Great Hall I - Myriad
 Robert Winn, Presiding

Herd infertility problems associated with infectious diseases will be dealt with in detail. Specific infectious agents will be discussed along with their affects on herd fertility. This session will be a good follow-up to the reproductive seminars held earlier in the meeting; there will be no duplications of that material.

- 8:00 *Haemophilus somnus* Related Abortions and Infertility, **Rick Miller**
- 8:30 Ureaplasma and Mycoplasma Infections and Their Relation to Bovine Infertility, **Paul Doig**
- 9:00 Leptospirosis as a Cause of Infertility in Dairy Cattle, **Lyle Hanson**
- 9:30 Break

- 10:00 Infertility in Dairy Herds Caused by *Trichomonas fetus*, *Campylobacter fetus*, *Corynebacteria* and Associated Anaerobic Bacteria as a cause of Bovine Infertility, **Les Ball**
- 10:30 Evaluation of Endometrial Scarring in Dairy Cattle, **Joe Manspeaker**
- 11:00 Questions and Answers
- 11:30 **AABP BUSINESS AND MEMBERSHIP LUNCHEON** - Exhibits Hall - Myriad

DAIRY SPLIT SESSION III

Thursday, December 1, 1983

Great Hall I - Myriad

Tom Fuhrmann, Robert Winn, Presiding

Problem Solving Sessions - Mastitis Management and Reproductive Management

This session is designed to allow you, the attendees, to determine the course of discussion. Panel members chosen because of their experience, expertise and because of their geographical locations, will respond to questions from the audience. Discussion will be limited to the areas of mastitis management and reproductive problems. Be prepared to participate with questions and problems you've seen from your practice experience.

- 1:30 Mastitis Management - Panel Introduction, **Tom Fuhrmann**
- 1:40 Large Dairies, **Paul Blackmer**
- 1:50 Small Dairies, **Darrel Johnson**
- 2:00 Intermediate Size Dairies, **Jim Jarrett**
- 2:10 Questions and Answers
- 3:15 Break
- 3:30 Reproductive Management - Introduction of Panel Comments, **Robert Winn**
- 3:45 Panel Discussion, **Rick Miller, Paul Doig, Lyle Hanson, Les Ball, Joe Manspeaker**

COW-CALF/FEEDLOT SPLIT SESSION II

Thursday, December 1, 1983

Great Hall II - Myriad

Larry Rice, Presiding

- 8:00 A Review of Respiratory Diseases, **Bob Smith, Joe Cummins**
- 10:00 Break
- 10:30 Stocker Calf Nutrition, **Don Gill**
- 11:30 **AABP BUSINESS AND MEMBERSHIP LUNCHEON** - Exhibits Hall - Myriad

COW-CALF/FEEDLOT SPLIT SESSION III

Thursday, December 1, 1983

Great Hall II - Myriad

Ray Ivie, Presiding

- 1:30 Stocker Calf Receiving, Vaccination and Treatment, **Dee Griffin, Ray Ivie, Harry James**
- 2:15 Antibiotic Dosages, **George Burrows**
- 2:45 Discussion by Above Speakers

- 3:15 Break
- 3:45 Control of Internal Parasites, **Bob Corwin**
- 4:30 Use of Avermectins in Cattle, **Bill Leaning**

AABP - ACADEMY OF VETERINARY CONSULTANTS JOINT MEETING

Friday, December 2, 1983

18th Century - Sheraton Century

Registration: \$35.00 - Lunch included

Program Title: **Establishing Realistic Production Records and Goals for Beef Cattle**

- 8:00 Experiences in Gathering, Processing, Interpreting, and Developing Intervention Levels for Veterinary Decisions, **Al Leman**
- 9:00 Reproduction Performance Records, **Al Leman**
Discussion, **Arthur Moore**
- 9:45 Growth and Feed Efficiency Records, **Al Leman**
Discussion, **Darrell Haney**
- 10:30 Break
- 10:45 Mortality Records, **Al Leman**
Discussion, **Jim Sheldon**
- 11:30 On Premise Product Testing Avoiding the Common Problems, **Al Leman**
Discussion, **Dave Bechtol**
- 12:15 Lunch and AVC Business Meeting
- 1:30 The Consultants Role in Increasing Return on Investment, **Al Leman**
Discussion, **George Crenshaw**
- 2:15 Methods of Charging and Fee Setting, **Al Leman**
- 3:00 Panel Discussion

AUTOTUTORIALS

Tuesday, November 29, 1983.....9:00 AM-5:00 PM

Wednesday, November 30, 1983.....9:00 AM-5:00 PM

Thursday, December 1, 1983.....9:00 AM-5:00 PM

No. 15 - Second Floor - Myriad

Autotutorials were very well accepted and much used at last year's meeting in Nashville. We again hope to have an excellent selection for your viewing.

Thomas Thedford, J. Mack Oyler and Edward Ames of the AVMA office will be assisted by students from the Oklahoma Student Chapter of the AABP in arranging and operating the autotutorials.

AABP BUSINESS AND MEMBERSHIP LUNCHEON

Thursday, December 1, 1983 - 11:30 AM

Exhibits Hall - Myriad

This luncheon is provided to all veterinary registrants at no additional cost above the registration fee. You are encouraged to participate. *Dr. Raymond Cook* is the speaker for this event. Awards presentations and elections.



1983 AABP Conference Exhibitors

EXHIBITS-Exhibit Hall

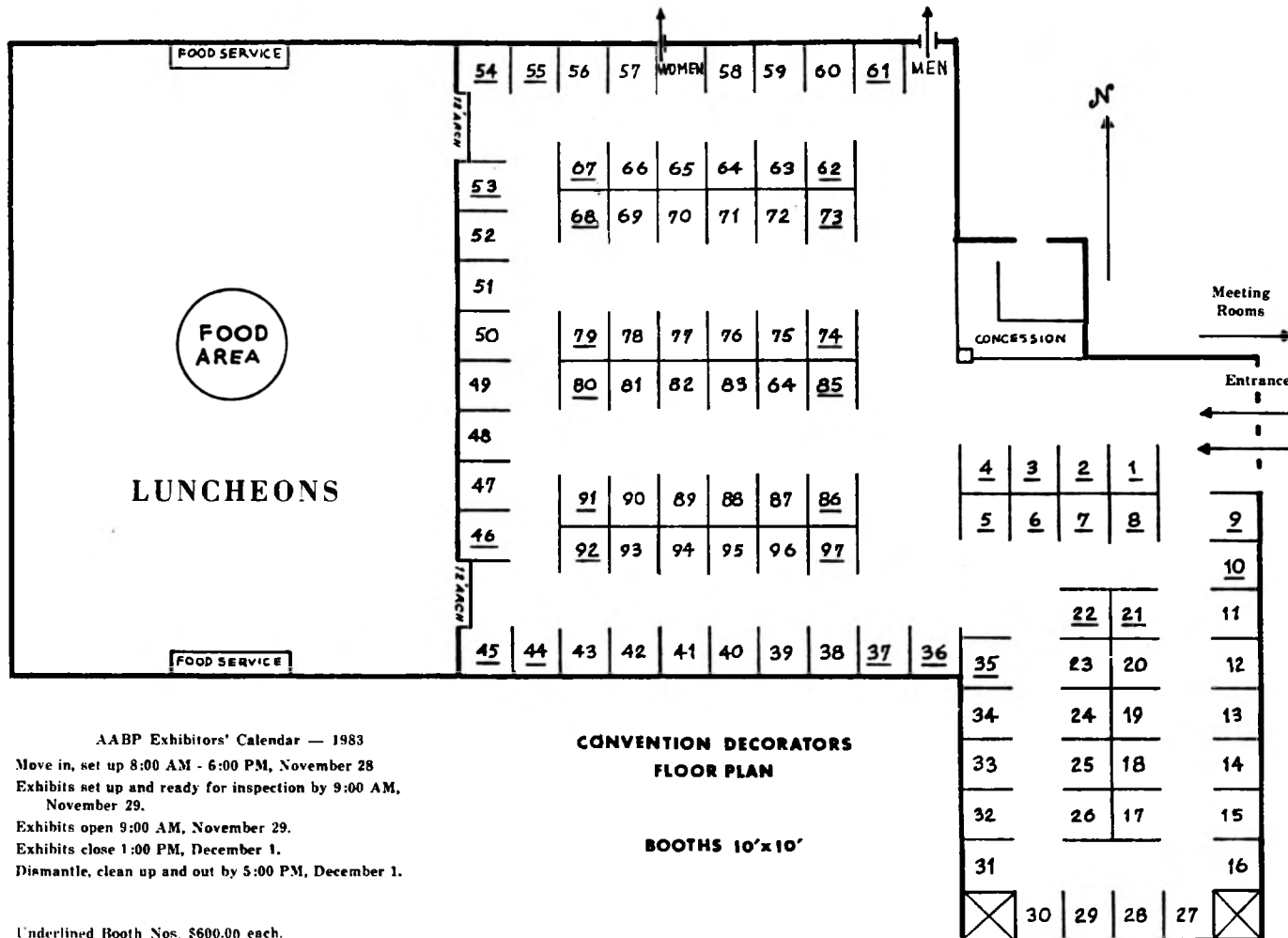
Please remember our exhibitors are supporting us at this meeting in a major way. Let's visit their booths and show them we appreciate their support. Visit them anytime they are open but especially during the two luncheons in the area.

*Samuel Hutchins, III,
D.V.M., South Barre,
Vt., Exhibits Manager*

AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

1983 Convention — November 28 - December 1st

Myriad Exhibition Hall — Oklahoma City, Oklahoma



AABP Exhibitors' Calendar — 1983

Move in, set up 8:00 AM - 6:00 PM, November 28

Exhibits set up and ready for inspection by 9:00 AM,
November 29.

Exhibits open 9:00 AM, November 29.

Exhibits close 1:00 PM, December 1.

Dismantle, clean up and out by 5:00 PM, December 1.

Underlined Booth Nos. \$600.00 each.
Remaining Booths \$500.00.

CONVENTION DECORATORS FLOOR PLAN

BOOTHS 10'x10'

Agr-Sales Associates, Inc.

Showing the latest products for Cattle Identification, Livestock Equipment, and Water Proof Footwear.

Agri-Services Laboratory

2178 A Gladstone Court
Glendale Heights, IL 60139

Educational exhibit as to the fermentation cycle.

Albion Laboratories, Inc.

101 North Main Street
Clearfield, UT 84015

A complete line of nutritional products, formulated with Albion's patented Amino Acid Chelates and designed to support treatment of nutritionally caused diseases. Featuring Albion's famous Breeder Pac formula and Embryo Transplant and also Replamin Liquid, Mg-K-Lite, IMZ and Replamin Extras.

American Cyanamid

1 Cyanamid Plaza
Wayne NJ 07470

American Cyanamid will be exhibiting Guardian Cattle Insecticide Ear Tags, Warbex Famphur Pour-On, and Ripperol Levamisol Cattle Anthelmintic. Sales and Technical Personnel will be attending.

American Hoechst Corp.

Animal Health Div.
Rt. 202-206 North
Somerville, NJ 08876

Educational films and booklets available at the American Hoechst Corp., Animal Health Div., Veterinary Pharmaceuticals Exhibit. Veterinary product information available from the animal health veterinary pharmaceutical technical representatives.

Amfac Veterinary Supply Company

% Holmes Serum Co., Inc.
Division of Amfac
1301 Knotts Ave.
Springfield, IL 62705

Our display will consist of Ethical Biologicals, Pharmaceuticals and Equipment sold exclusively to Veterinarians. Our marketing area consists of the eastern one half of the U.S. and we service approximately 1200 Veterinarians, Universities, and Institutions.

H. W. Andersen Products, Inc.

221 South St.
Oyster Bay, NY 11771

We will exhibit our anprolene gas sterilizers and complete line of anprolene accessories. Anprolene is the only truly affordable gas sterilization system and brings this valuable tool within the reach of every practitioner.

Babson Bros. Co.

2100 S. York Road
Oak Brook, IL 60521

Will display Surge milking and dairy farm equipment. The exhibit will feature an automatic backflush system and a computer Dairy Management System.

Beecham Laboratories

501 Fifth Street
Bristol, TN 37620

Beecham Laboratories invites all meeting participants to stop by our booth where an extensive line of quality pharmaceutical and biological products will be on display. Among the products to be displayed will be Beecham's newest entries in the vaccine market and recent additions to the pharmaceutical line.

Bio-Ceutic Laboratories, Inc.

2621 N. Belt Highway
St. Joseph, MO 64502

Offering a complete line of cattle biologicals and herd health programs. Plus: Chem-Cast (TM) for no mess, no stress calf castration; STEER-oid (TM) growth implants for improved weight gain/feed efficiency; OverTime (TM) long-acting premise control of insects; Permethrin (TM) Ear Tags & Strips with greater useful surface area for insect control.

Bristol Laboratories

Veterinary Products
P. O. Box 657

Syracuse, NY 13201

Bristol Laboratories Veterinary Products Department is proud to display its fine line of ethical mastitis products. Our representatives at the booth welcome the opportunity to answer your questions concerning the entire line of Bristol products.

CEVA Laboratories, Inc.

10560 Barkley
Overland Park, KN 66212

CEVA is featuring SYNCRO-MATE-BR for estrus synchronization, CYSTORELIN^R for treatment of cystic ovaries in dairy cattle; erythromycin antibiotic products—including ERYTHRO-200 injectable, ERYTHRO-36 and ERYTHRO-DRY mastitis tubes; a broad line of large animal vaccines including NADL strain porcine tissue culture origin BVD vaccine, LpHR^R germicidal detergent, NO-DINE Teat Dip, and concentrated electrolyte therapy products—including MULTISOLR-R 3X, HY-K-PLUSTM and Lactated Ringers 3X Concentrate.

Church & Dwight Co., Inc.

20 Kingsbridge Road
Piscataway, NJ 08854

Manufacturers of Arm & Hammer^R Feed Grade Sodium Bicarbonate.

Dairy Equipment Company

1919 Stoughton Rd.
Madison, WI 53708

Display will feature products and services designed to meet end-user service needs.

1. Scheduled Service Program.
2. New Bou-Matic Pneumatic Pulsator.
3. Hand Held Electronic Mastitis Detector.
4. Dec-Trace Vacuum Recorder w/Voltage Transducer.

DeLaval Agri Div/Alta-Laval Inc.

11100 N. Congress Ave.
Kansas City, MO 65153

Display will consist of information on milking equipment, feeding, cooling, and farm supplies. Will also display the latest in test equipment for milking systems and preventative maintenance.

Ethco, Inc.

P. O. Box 81
St. Joseph, MO 64506

Proven efficacy!
Refrigeration not required!
24 month shelf life!
Guaranteed shelf life!

All of the above is found in the LACTOBACILLUS products from Ethco. We have products available for all species of livestock. Stop by and let our personnel show you information on how the Ethco LACTOBACILLUS products will perform for you.

Fearing Manufacturing Co., Inc.

490 Villalume Avenue
South St. Paul, MN 55075

Fearing identification and insecticide ear tags for dairy and beef cattle, sheep and hogs. The only ear tag manufacturer to offer a complete line of identification tags and the only one that offers an antibacterial coating on the stud which eliminates infections after tagging. See us in Booth #64.

For-Most, Inc.

Box 33
Hawarden, IA 51023

We will display a new Model 400 Portable Squeeze Chute with model 30 Holding Stanchion; also we will display the A-25 Self-catcher Stanchion and 10T Headtable and Nose Bar Assembly.

Fort Dodge Laboratories

800 5th Street NW
Fort Dodge, IA 50501

You are invited to stop by the Fort Dodge exhibit and discuss new and exciting developments in the field of bovine immunology. Qualified personnel will be on hand to discuss new developments and to show you several new products.

Haver-Lockhart Laboratories

P. O. Box 390
Shawnee Mission, KS 66201

Haver-Lockhart will display their complete line of biologicals

and pharmaceuticals for Bovine Practitioners. Again this year is featured the new analogue, ESTRUMATE (cloprostenol) now available for your client's beef and dairy herds.

Ideal Instruments
80 Wilson Way
Westwood, MA 02090

Included in Ideal Instruments' line of quality products will be the new pistol-grip syringe—MiniShot™ and a 3/16" x 22 hypodermic needle. The MiniShot™ features a new dose dial with dosage of 1/4, 1/2, 3/4 and 1 cc. This syringe and needle are recommended by several pharmaceutical companies for injection of new vaccines.

International Minerals & Chemical Corporation/Ralgro
Corp/RALGRO
P. O. Box 207
Terre Haute, IN 47808

RALGRO^R improves gains of cattle at all weights, and can be implanted anytime up to 65 days prior to slaughter. Improves feed conversion and average daily gain, stimulates natural production of growth hormone. Produces no adverse carcass effects, is effective for feedlot steers and heifers, a non-hormonal, anabolic agent—safe for you and your cattle—compatible with other management practices.

Jorgensen Laboratories, Inc.
2198 W. 15th St.
Loveland, CO 80537

We will be exhibiting our complete line of OB instruments, including the Hercules zig zag calf puller, embryo transfer catheters and Danish line of rubberized OB apparel. Don't miss our slide tape presentation of the new Grymer/Sterner Toggle suture method for repair of the left displaced abomasum.

JTX Corporation
2106 Amity Avenue
Nampa, Idaho 83651

JTX Corporation will have on display the "ParaLift" line of mobile cow hoists. ParaLift hoists are a complete system for raising and rehabilitating downer cows. Please visit our booth to see the "ParaLift" cow hoist, and discuss with us the advantages of owning and employing cow hoists in your practice.

Kane Enterprises, Inc.
P. O. Box 360
Sioux Falls, SD 57101

Exhibit will feature AG-TEK Veterinary Products including the new AG-TEK "MaxiSleeve" O.B. Glove and Vet-Tie, a new braided tape for surgical use.

MSD AGVET

Division of Merck & Co., Inc.

Professional Veterinary Products, MSD AGVET - Division of Merck & Co., Inc.,/invites all veterinarians to visit our exhibit and discuss our complete line of worming products. Our trained and experienced personnel will be available to discuss other areas of mutual interest, including bovine coccidiosis and antibacterials.

The Magrath Company
McCook, NE 69001

Featuring "New" Items:

UNIQUE TRANSFER NEEDLE — your choice of lettering to be etched on needles.

TEMPERATURE PROBE — entirely new concept.

HAND PUMPS — various styles to suit use.

DOSE SYRINGE — a style and approach a working Veterinarian will appreciate.

RESUSCITATOR/ASPIRATOR — option capability of use with 0 or without — hand operated — great practical idea.

NASCO
901 Janesville Avenue
Fort Atkinson, WI 53538

Nasco supplies farm and ranch items to customers throughout the U.S. and over 70 foreign countries from 3 locations—Fort Atkinson, WI, Modesto, CA, and Guelph, Ontario, Canada. Items such as cattle ear tags, showing & grooming equipment, animal marking equipment, artificial insemination supplies, veterinarian equipment, and many other items. A sampling of Nasco's line will be available for your inspection. Also available at our booth will be our Farm & Ranch catalog featuring our entire line of products.

Norden Laboratories
601 West Cornhusker Hwy.
Lincoln, NE 68521

Representatives will be on hand at the convention to discuss Norden cattle products including new CalfSpan, sustained sulfamethazine bolus for use in young calves to prevent calf scours, diptheria and pneumonia. ScourGuard 3, combination E. coli/Rota/Coronavirus vaccine will be featured along with the complete Norden vaccine and pharmaceutical line.

Osborn
International Multifoods
Multifood Tower
Box 2942
Minneapolis, MN 55402

Osborn's fine line of veterinary products will be on display with informative product literature and Osborn representatives on hand to answer your questions. Osborn's line includes a wide range of products specially formulated for professional use by bovine practitioners. Stop by the booth and learn more about Osborn veterinary products.

Pioneer Hi-Bred Int'l, Inc. (Microbial Genetics Div.)
P. O. Box 258
Johnston, IA 50131

Pioneer's Probiocin brand Microbial Cultures are manufactured viable microbial cultures for specific uses in ruminants. Select strains of beneficial microorganisms are prepared in a unique dehydrated form and are available in bolus, gel, and granular/dispersable forms.

Pitman-Moore, Inc.
P. O. Box 344
Washington Crossing, NJ 08560

We cordially invite you to visit our exhibit at the 16th Annual meeting of the AABP. On display will be our quality line of large animal biologicals, as well as Levasole^R and other selected pharmaceuticals, surgicals and diagnostics. Company representatives will be available for discussion throughout the meeting.

Priefert Mfg., Co.
P. O. Box 1540
Mt. Pleasant, TX 75455

Come by and see the all new Priefer Air Power Chute. The same reliability of the Original Priefer All Steel Chute, with the convenience of power operation for high volume operator. This is the fastest and safest power chute available anywhere. Available with optional pregnancy testing cage.

ProAg, Inc.
2072 East Central Circle
Minneapolis, MN 55391

ProAg is the marketing organization for products which are designed to promote animal health and productivity with natural substances. Our products contain but are not limited to Foods, Live Cultures and Enzymes which are designed to work with the natural mechanisms in the animal.

Pro Vet of Loves Park
P. O. Box 2286
Loves Park, IL 61130

Winter specials now on display. Full line distributor covering all the States. Complete lines of antibiotics and biologicals. New equipment on display. Sign up for free catalog.

Reid-Provident Laboratories, Direct Division
640 Tenth Street, N.W.
Atlanta, GA 30318

The Direct Division of Reid-Provident Laboratories is happy to be exhibiting again at your annual meeting. Please visit our booth to see the new items we've introduced since last year.

A. H. Robins Co.
1407 Cummings Drive
Richmond, VA 23220

Robins' Exhibit will feature their new pasteurella hemolytica live cattle vaccine. Marketing and research personnel will be present and look forward to visiting with you.

W. B. Saunders Company
West Washington Square
Philadelphia, PA 19105

W. B. Saunders will have on display all of our newly published

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titles in veterinary medicine. Pre-publication material will be available for Jennings: *Practice of Large Animal Surgery*.

Schering Corporation
Galloping Hill Road
Kenilworth, NJ 07033

Schering Veterinary invites all attendees at the convention to visit our booths. Our representatives will be on hand to discuss Schering's outstanding high quality pharmaceuticals, biologicals and innovative new products.

Shank's Veterinary Equipment
1704 East 18th St.
Sterling, IL 61081

We will have on display the M&M Cattle Sling. A scale model recovery stall showing actual installation of padding. On Audio-Visual projector a presentation of surgery tables, showing actual procedures on locations all around the United States.

Skyland Manufacturing Equip., Ltd.
Box 839

Airdrie, Alberta, Canada TOMOBO

"Beltless Cattle Hoof Trimming Chute", fully hydraulic, mobile at normal highway speeds, one man can safely handle 800 to 3500 pound cattle. Now sold through dealers all over the U.S. and Canada.

E. R. Squibb & Sons, Inc.
P. O. Box 4000
Princeton, NJ 08540

"E. R. Squibb & Sons, Inc." has long been a leader in the development of new therapeutic agents and equipment for the prevention and treatment of diseases. You are cordially invited to meet with our representatives who will be available at our exhibit to discuss our full line of Veterinary Products.

TechAmerica Group, Inc.
P. O. Box 338
Elwood, KS 66024

TechAmerica offers the broadest line of cattle biologicals and pharmaceuticals available to the veterinarian. Key products featured are Life-Saver, a new concept in oral fluid and nutrient replacement therapy along with Premier 1, a killed BVD vaccine that offers the upmost in safety, efficacy, and convenience. We would be happy to answer any questions you have about these products, and discuss with you the TechAmerica Advantage.

3M

225-3-05, 3M Center
St. Paul, MN 55144

Animal Care Products/3M is exhibiting TEAT SHIELD WITH GERMICIDE, TEAT SHIELD/ the PROMPT Veterinary Sensitivity Standardizing System, LEAKER SEAL First Aid Tape, VETCAST Veterinary Casting Tape, the 3M Rare Earth Veterinary X-Ray System, VETRABANDAGING Tape and other products designed for veterinary use.

The Upjohn Company
7000 Portage Road
Kalamazoo, MI 49001

Welcome to the 1983 AABP Convention and welcome to The Upjohn Company veterinary products exhibit. Our representatives are on hand to discuss Upjohn Veterinary Products, the Standard of Quality, and the role of Lutalyse^R in programmed breeding. Detailed information on this product will be available at our booth. We look forward to seeing you.

Valley Sales Co.
Box 495
Lexington, NE 68850

Valley Sales is a manufacturer of large animal surgery tables. The Big Valley bovine table can be used for either bovine or equine. Valley Sales also manufactures the Big Valley Cattle Lift for use with downed cattle.

Veterinary Concepts, Incorporated
100 McKay Ave., P. O. Box 39
Spring Valley, WI 54767

Veterinary ConceptsTM, Inc., will display new and innovative specialty products. Innovations that have a positive direction on your cash flow include: Media ConceptsTM, ShyrTM syringes and sleeves, Seal-TiteTM teat dips, Hylton LDA Kit, and VCI^R Embryo Transfer products. To find out about the latest in concepts and procedures, stop by VCI^R.

Veterinary Learning Systems
50 Hightstown Rd.

Princeton Junction, NJ 08550

Staff members from *The Compendium on Continuing Education for the Practicing Veterinarian* will be in attendance to present The Compendium's new large animal section.

Vinita Flag & Apron Co., Inc.
P. O. Box 406
334 So. Scraper
Vinita, OK 74301

Booth #19 a Hn Jan Boatright

Displaying cloth instrument cases of varying sizes and fabrics, protective canvas aprons, and other canvas items.

Vetrepharm, Inc.

69 Bessemer Road, Unit #27
London, Ontario, N6E 2V6, Canada

Vetrepharm, Inc., will be displaying Genocol 99, a mono-clonal antibody for the reduction of fatal calf scours due to enteropathogenic *E. Coli*. This product is the first mono-clonal antibody commercially available.

Wellcome Animal Health Division
520 West 21st Street
Kansas City, MO 64108

Wellcome Animal Health Division, Burroughs Wellcome Co., will feature both new and existing products of interest to the majority of practitioners at the convention. Wellcome will show their wide range of high quality biologicals, pharmaceuticals and instruments. Our representatives welcome the opportunity to meet old friends and make new ones.

**VETERINARIANS CAN WIN PRIZES
BY VISITING THE EXHIBITS**

**RULES AND DETAILS OF THE
"BOVINE GIVEAWAY"**

Prizes: Ten (10) at \$50.00 each.

Eligibility: All veterinarians registered at the AABP conference.

Rules:

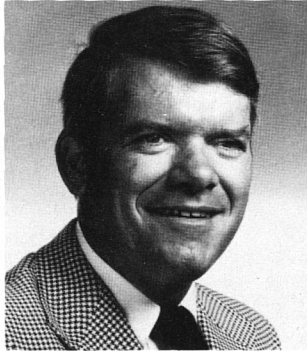
1. Business cards will be the drawing ticket. Bring 60 business cards and visit the exhibits. Each exhibitor will have a milk bottle, provided by the AABP, into which these business cards will be placed.
2. The AABP Board of Directors will hold a drawing to decide the ten bottles from which the business cards will be drawn.
3. The main drawing will be held at the Friday noon luncheon and annual business meeting of the AABP. At this time, one business card will be drawn from each of the lucky ten bottles. This will be limited to one prize per veterinarian. Winners need not be present to collect.
4. Business cards and milk bottles will become the property of the exhibitor in whose booth the bottle was placed, after the drawing.

PLENARY SESSION

Wednesday, November 30 — 10:30 a.m.



C. W. (Bill) McMillan USDA Assistant Secretary, Marketing and Transportation Services.



Dr. Lester Crawford, Director, Bureau of Veterinary Medicine, FDA.



Dr. Lawrence L. Boger, President, Oklahoma State University

A Message from the Governor



GEORGE NIGH
Governor
405 / 521-2345

STATE OF OKLAHOMA
OFFICE OF THE GOVERNOR
212 STATE CAPITOL BUILDING
OKLAHOMA CITY, OKLAHOMA 73105

November 28, 1983

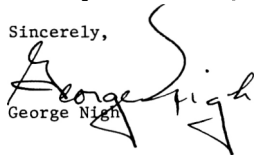
Greetings and welcome to Oklahoma!

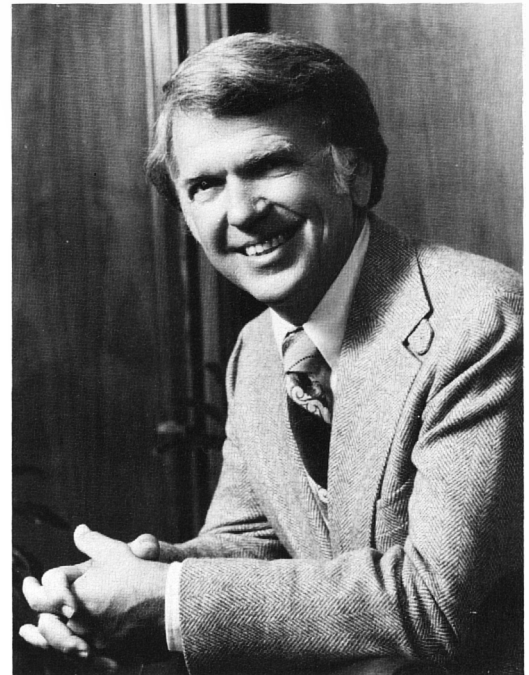
We are pleased and honored that you have chosen Oklahoma and Oklahoma City as the site of the 16th Annual Convention of the American Association of Bovine Practitioners, November 28 through December 1, 1983

Oklahoma is proud of its rural heritage and role as a leading agricultural state. We are glad you came our way and hope you enjoy our unique brand of hospitality.

Have a great time and please come back to visit!

Sincerely,


George Nigh



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Spouse Activities

Welcome to Oklahoma City! If you appreciate warm smiles, friendly service and easy-going comfort, this is the place for you. We invite you to enjoy our special brand of hospitality.

A hospitality center will be available all through the Convention in the Doodlebug Room (third floor), Sheraton Century Center, where you can drink coffee, tea, soft drinks, play cards or just talk!

We will "kick off" with musical entertainment by Encore & Company, Western Heritage High School, Edmond, on Monday evening. Next morning we will board buses for Overholser Mansion (Queen Anne Style), Enterprise Square USA (recently featured on the "Today" Show), with lunch in the elegant Kelly's restaurant followed by a shopping spree.

On Tuesday evening I hope you will all come to family night at the Cowboy Hall of Fame which will open especially for us! Buses will take us from the Convention Center in two groups starting at 5:45 p.m. Following a sumptuous Oklahoma style barbeque, you can browse around the finest western heritage center in the world. Before starting your self guided tour, be sure to see the electric map of great trails to the west.

We will leave town on Wednesday morning to visit Guthrie, the first territorial capital of Oklahoma, where they have done a tremendous job of renovating buildings to their original style. Lunch at the Four Star Sand Plum restaurant will be quite a treat.

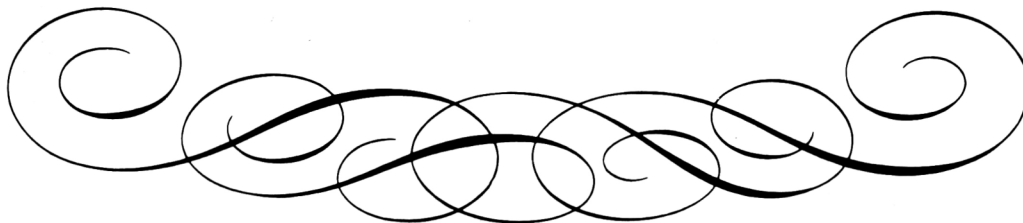
Mark your calendar now for the Black Gold Gala Banquet on Wednesday evening which promises to be a fantastic fun night of excellent food, outstanding entertainment and dancing—for all ages and seasons!—until midnight.

We have purposely left Thursday open for you to recover!, attend seminars or go shopping (we will arrange special trips to western wear stores and others.)

I would like to encourage those of you who will be staying over for the National Finals Rodeo to join us on the postconvention tour to Oklahoma State University, Stillwater, on Friday.

I have always regarded each AABP Convention as a grand reunion of a happy family. Let's make it that way again in Oklahoma City—see you there!

Mary Williams
Chairman, Spouse Activities



Spouses Program

HOSPITALITY ROOM

Monday, November 28 - 1:00 PM
thru

Thursday, December 1 - 4:00 PM

Doodlebug Suite, Third Floor - Sheraton Century

MONDAY, NOVEMBER 28

7:30 PM - Plaza Ballroom

A delightful evening of musical entertainment by Encore and Company, Western Heights High School, Bethany, Oklahoma, Janis Dawson, Director. Sponsored by Pitman Moore Inc., Mr. Tom White, Representative.

Tours

(under the direction of Roadrunner Tour Agency)

TUESDAY, NOVEMBER 29

TOUR 1

Historic Tour of Oklahoma City - 6 hours

9:00 AM-3:00 PM — Fee \$25.00 (including lunch)

Join us for a full day of touring in the Oklahoma City area, including a visit to the Overholser Mansion (a Queen Anne style home built by early Oklahoma City settlers) and the unique Enterprise Square USA - a concept of entertainment and elementary lessons in free enterprise.

This \$15 million facility on the campus of Oklahoma Christian College is the only one in the nation devoting its entire focus to the American free enterprise system. It is a combination museum, educational institution and amusement center for all the family, loaded

with computer games in a semi-Disney style setting. The key word is action! Bob Hope welcomes the visitors by video on a 45" monitor. In the Free to Choose area, they can stand on one of the stages, push buttons and see themselves actually in the occupation they have chosen, such as farmer, dress store owner, manufacturer, oil producer, investor and many more. Other exciting areas include the Hall of Giants, Great American Marketplace, Economics Arcade, Behind the Headlines and The Heartbeat Rotunda (the largest audio visual show on earth).

Lunch at the lovely Joe Kelly's delightful atmosphere and excellent food, followed by an afternoon of shopping. The tour will be completed with a drive through the State Capitol complex (with working oil wells), and the Medical Center.

WEDNESDAY, NOVEMBER 30 TOUR II

Territorial Capitol Tour: Guthrie, Okla. - 6 hours
9:00 AM-3:00 PM — Fee \$28.00 (including lunch)

To get to the grass roots of Oklahoma, a tour of its beginning in Guthrie is offered for your enjoyment. This territorial town, the first capitol of Oklahoma, has been restored to its original look — including turn of the century newspaper office in operation and the Territorial Museum depicting the life of early settlers and the famous run of 1889. Lunch will be served in the elegant Sand Plum - a 4 Star restaurant designed in the turn of the century Victorian style. After dining, a shopping tour of the boutiques and specialty shops in the same building, followed by a tour of the Scottish Rite Temple. Its superb acoustics, interior decoration and pipe organ original to the building exemplify the emphasis on good taste and culture in the early day lifestyle of Oklahoma's pioneers.

THURSDAY, DECEMBER 1

Mini tours to the Oklahoma City Zoo, Omniplex/Kirkpatrick Planetarium, etc., or shopping at Western Wear Stores will be arranged. Further information will be available at the Convention Registration Desk.

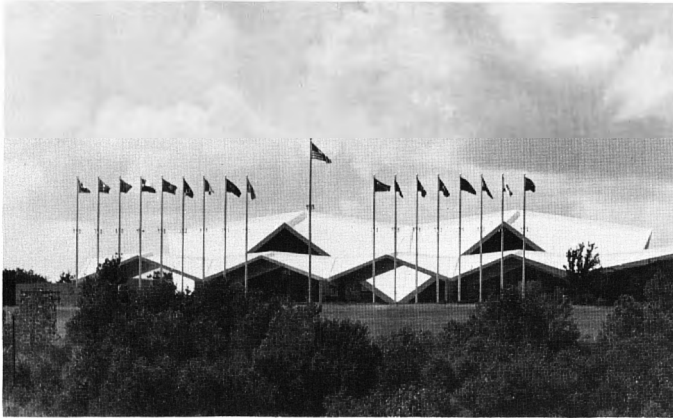


Photo courtesy of National Cowboy Hall of Fame and Western Heritage Center, Oklahoma City, Oklahoma.

NATIONAL COWBOY HALL OF FAME AND WESTERN HERITAGE CENTER

The National Cowboy Hall of Fame preserves the rugged individualism and romantic spirit of the frontier. Sponsored by seventeen Western states, it features the romantic "End of the Trail", sculpture and the breathtaking statue of Buffalo Bill overlooking Persimmon Hill. It is America's only center dedicated to preserving the country's western heritage. Inside there are continually changing collections of western treasures, along with permanent exhibits of

SOCIAL EVENTS TUESDAY, NOVEMBER 29

Family Night at the National Cowboy Hall of Fame and Western Heritage Center

The National Cowboy Hall of Fame preserves the rugged individualism and romantic spirit of the frontier. Sponsored by seventeen Western states, it features the romantic "End of the Trail", sculpture and the breathtaking statue of Buffalo Bill overlooking Persimmon Hill. It is America's only center dedicated to preserving the country's western heritage. Inside there are continually changing collections of western treasures, along with permanent exhibits of works by Charles Russell, Frederic Remington, Charles Schreyvogel, Thomas Moran and many other western masters. Downstairs you can wander through a frontier town, hear honky-tonk nickelodeons in the Silver Dollar Saloon, see an authentic recreation of a Plains Indian Camp and visit a real prairie sod house. The world's greatest rodeo cowboys and western movie stars also are commemorated in exciting exhibits. It has something for the entire family in this living tribute to our heritage.

The Center was proclaimed a National Memorial by an Act of Congress in 1957 and opened on June 26, 1965.

Buses will leave from the Myriad Convention Center, starting at 5:45 p.m., at 30 minute intervals. Enjoy a sumptuous Oklahoma barbeque and then spend a couple of hours browsing through America's only center dedicated to preserving the country's western heritage.

Cost: \$14.00 (including bus fare, admission and barbeque).

WEDNESDAY, NOVEMBER 30

Black Gold Gala Banquet

The Ballroom, Skirvin Plaza Hotel

A dazzling gala event in the exquisite Skirvin Ballroom, beautifully decorated by Patricia Riney, Imagery, OKC, and featuring an Oklahoma "Boom Town" complete with an oil derrick. Enjoy a menu of:

Romaine Salad & Dressing
Ribeye Steak
Baked Potato w/sour cream, butter & chives
Snow Peas
Carrots Vichy
Peach Melba
Coffee, Tea, Sanka

Entertainment will feature Indian Ceremonial Dancing followed by AABP's own cowboy poet and philosopher, Dr. Baxter Black. Dinner music (piano) and for dancing, until midnight, by Gary Good and Company Band.

6:00 PM: Cash bar opens

7:00 PM: Dinner

8:00 PM: Entertainment

9:00 PM: Dancing until midnight

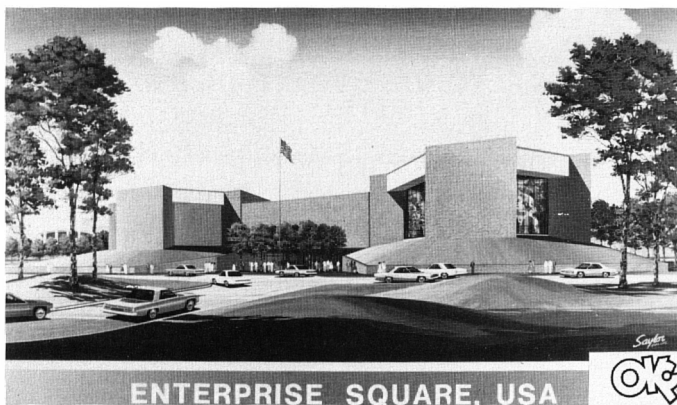
Tickets: \$27.00 (not including cash bar)

works by Charles Russell, Frederic Remington, Charles Schreyvogel, Thomas Moran and many other western masters. Downstairs you can wander through a frontier town, hear honky-tonk nickelodeons in the Silver Dollar Saloon, see an authentic recreation of a Plains Indian Camp and visit a real prairie sod house. The world's greatest rodeo cowboys and western movie stars also are commemorated in exciting exhibits. It has something for the entire family in this living tribute to our heritage.

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ENTERPRISE SQUARE, USA

This \$15 million facility on the campus of Oklahoma Christian College is the only one in the nation devoting its entire focus to the American free enterprise system. It is a combination museum, educational institution and amusement center for all the family, loaded with computer games in a semi-Disney style setting. The key word is action! Bob Hope welcomes the visitors by video on a 45" monitor. In the Free to Choose area, they can stand on one of the stages, push buttons and see themselves actually in the occupation they have chosen, such as farmer, dress store owner, manufacturer, oil producer, investor and many more. Other exciting areas include the Hall of Giants, Great American Marketplace, Economics Arcade, Behind the Headlines and The Heartbeat Ronda (the largest audio visual show on earth).



Four Founding Fathers Left Their Voices In Story and Song at Enterprise Square, USA, where the use of audio-animatronics provides movement to enhance a fact-paced narrative among the quartet to explain simple facts of our American economic heritage. The robot-type figures were created by the Sally Corporation of Jacksonville, Fla., as one of 16 major exhibition areas of the recently opened \$15 million educational extravaganza at Oklahoma Christian College in Oklahoma City to apply entertainment techniques to stimulate public understanding of difficult concepts

1983 NATIONAL FINALS RODEO

The Silver Anniversary of the National Rodeo will be celebrated when it returns to the Myriad Convention Center, Oklahoma City for the 19th consecutive year, December 3-11. This showcase of rodeo has had 97 consecutive sellout performances dating back to 1973. The Professional Rodeo Cowboys Association has approved a whopping \$800,000 purse for 1983 with \$530,000 budgeted for the cowboys and at least \$50,000 for the Women's Professional Rodeo Association. Only the top 15 cowboys and cowgirls in the standard seven events are eligible to compete in the NFR. Other events include Miss Rodeo America finals competition and Wrangler Western Wear's third annual World Championship Bullfighting contest known as Beauty and the Beast.

A limited number of tickets for the Beauty and the Beast Contest and the opening night performance on Saturday, December 3 are available to the AABP.

We have the following number of tickets available:

National Finals Rodeo	
Dec. 3, 8:00 PM — 500 @ \$10.00	
Dec. 4, 1:30 PM — 300 @ \$11.00	
Beauty and the Beast	
Dec. 3, 1:30 PM — 100 @ \$10.00	
Dec. 4, 8:00 PM — 100 @ \$10.00	

The above tickets are limited to 2 per registrant and all orders must be received by October 1.

POST CONVENTION TOURS FRIDAY, DECEMBER 2

TOUR III

Oklahoma State University Campus
8:00 AM-5:00 PM

Buses will leave from the Downtown hotels at 8:00 a.m. and travel to Stillwater, Oklahoma, approximately 75 miles northeast of Oklahoma City.

- 10:30 AM Arrive at the Boren Veterinary Medical Teaching Hospital. Coffee, orientation and tour of this magnificent large and small animal facility which was opened in February, 1981.
 - 12:00 noon Lunch on Campus with College of Veterinary Medicine and other Oklahoma State University representatives.
 - 1:15 PM Tour of the Oklahoma Animal Disease Diagnostic Laboratory, with short presentations by faculty members in the various service areas (toxicology, virology, microbiology, etc.)
 - 3:30 PM Return to Oklahoma City.
- Spouses invited.
Tickets: \$15.00 (including lunch)

SATURDAY, DECEMBER 3 TOUR IV

Braum's Dairy, Tuttle, Oklahoma
8:00 AM-11:30 AM

Buses will leave from the Downtown Hotels for Braum's Dairy, located near Tuttle, Oklahoma, approximately 20 miles south of Oklahoma City. 4500 cows are milked every 8 hours. Spouses invited.
Cost: \$7.00 per person

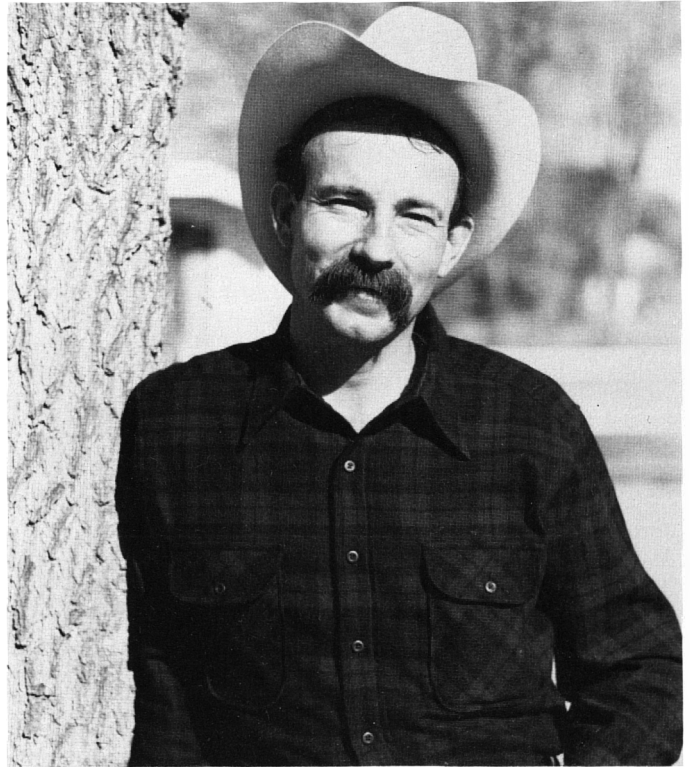
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AABP'S COWBOY POET & PHILOSOPHER

The featured entertainer for the Black Gold Gala Banquet will be Dr. Baxter A. Black, Denver, Colorado. Dr. Black received the D.V.M. degree from Colorado State University in 1969 and is a member of the AABP. He is a veterinary consultant for Wellcome Animal Health. In the last three years, Dr. Black has appeared before many state and local livestock associations across the U.S. His "cowboy" philosophy, poetry and humor make his presentations entertaining as well as informative. He is a past member of the NCA Animal Health Committee and an honorary member of the Cowbelles Association.

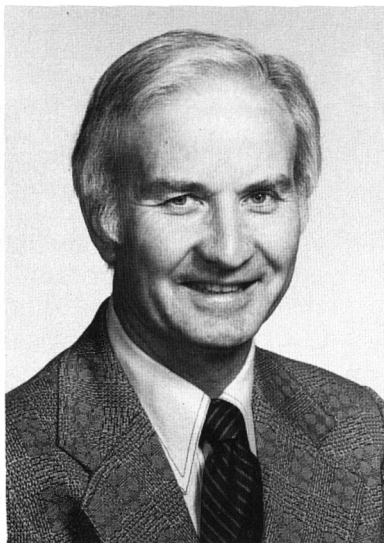
Dr. Black's column on *The Edge of Common Sense* appears weekly in several market papers. He is the author of the book *The Cowboy and His Dog or Go Git in the Pickup!* His new book is entitled *A Rider, A Roper and a Heck'Uva Windmill Man*.

Dr. Black narrates and appears in the film, *The Working Cowboy*, about life in the cattle industry, which is presented by Cooper, an arm of Wellcome Animal Health.



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BUSINESS LUNCHEON SPEAKER



Dr. Raymond Cook, Ennis, Texas will be the featured speaker at the Annual Business Meeting luncheon on Thursday, December 1. A native Texan, he grew up in Navarro County. He received the DVM degree from Texas A&M College in 1959 and established a general practice in Ennis. Later he became a consultant in agricultural and industrial Veterinary Science. He has worked on developing new compounds for animals through universities and large livestock operations. Dr. Cook is a member of Texas VMA, AVMA and is presently a staff member of the Texas A&M Veterinary Extension Service.

Primarily a humorist, his talks are universal in appeal. His rib-tickling country philosophies reach out to all audiences and encourage them to take a positive attitude about life.

Saddle Up to a Spirited City, OKC



There's excitement in the air in Oklahoma City. It's been that way since the city was created in a single day! — April 22, 1889 as a result of the Oklahoma Land Run. Growing from virgin prairie to a town of 10,000 by nightfall, Oklahoma City's heritage evokes a true pioneer spirit. This heritage exists side by side in a perfect blend with the cultural and economic growth of a contemporary city.

The name Oklahoma (where the wind comes sweeping down the plains!) comes from two Choctaw words meaning "red people". Sixty-seven Indian tribes are still represented in Oklahoma.

Today, Oklahoma City has a metro area population of more than 800,000 and its land area of 649 square miles makes it one of the largest area cities in the world. Strategically located in the heart of America's fast growing "Sunbelt" region, Oklahoma City has become a major industrial and trade center in less than a century. The State Capitol building with working oil wells is the seat of state government.

Oklahoma City is one of the most conveniently located cities as it is only a few miles south of the geographic center of the continental United States. There are more than 200 non-stop and direct flights through its Will Rogers Airport every day via ten major airlines. The airport is less than 20 minutes from downtown.

For those arriving by car, Oklahoma City is in an ideal location accessible by scenic highways and major Interstates 35, 40 and 240, as well as U.S. Highways 62, 66, 77, 81, 270 and 277.

Named an All-American city in 1978, here you will find the people to be warm and friendly, so come and experience the excitement that is Oklahoma City—and let our Western Spirit move you!

EDITOR'S NOTE: The American Association of Bovine Practitioners acknowledges the great assistance received from the Oklahoma City Convention and Tourism Bureau in the preparation of this section and the planning of the Convention.



Photo courtesy of Oklahoma Historical Society.



Photo Courtesy of Oklahoma City Convention and Tourism Bureau.

THE MYRIAD CONVENTION CENTER

The Center, in the heart of Oklahoma City, offers one of the nation's premium convention facilities. Its name is taken from the Greek word "myrios", meaning ten thousand, and indicates its multiple uses and services. It has one million square feet of usable, air conditioned space under one roof.

GUTHRIE: Territorial Capitol of Oklahoma

Proud of our Past—Building for our Future

Guthrie is a city unique in history, an island of the past, largely preserved, where thousands ended their search for homes of their own, found an end to their wanderings. Unlike Rome, Guthrie was built in a day, or rather half a day, for at noon on April 22, 1889, the site had only a small frame station, a watering stop, and a section house on the Santa Fe Railroad. Being added was a small frame building to serve as a land office. Only a few people milled around, all waiting, waiting for the human onslaught that would come soon. Then the pounding hooves, the grinding wagons, and the chugging steam engines dropped thousands of running, screaming home-seekers into the open space, and within an hour Guthrie was a city of 10,000 persons, and within a few more hours a tent city of 20,000 residents. It was the end of a search of landless people, a generation born too late to capitalize on the free land that was available to their ancestors, and the American dream of a new start, a home of their own, was realized.

It had all begun with what has been described as the greatest horse race in history, a horse race which opened lands that had not been assigned to any of the Indians moved here as pioneers pushed westward. It was free land, land to be given to the man or woman who could occupy it first after the area was opened. From throughout the country men had come in wagons, on horseback, on trains, and by foot, held back by troops at the northern boundary of Logan County, just 20 miles to the north held back until noon. Then the report of a soldier's rifle, the scream of a steam locomotive, the crack of whips upon the rumps of horses, the crescendo of repeated yells, the thunder of pounding hooves and rumbling wagons and thousands of homeless men and women were off in a frenzied dash to build a home, to build a city, to build a state.

A total of 15 trains, one just behind the other, loaded with eager thousands joined in the wild race and soon passed on, out of sight of the plodding

wagons, though many horsemen made the 20 miles to Guthrie before the second train reached the goal. The heavily loaded trains moved slowly over the poorly laid track and men were continually jumping off and staking claims upon land that took their fancy. The majority of passengers stayed with the trains and when the first train arrived at the little Guthrie station with the leaders who had come on horseback and in wagons, the cargoes were discharged over the unoccupied area to stake claims on city lots or move away from the congestion to stake claims on the free 160-acre farms.

However, to their surprise and chagrin, they found "Sooners" sitting on some of the choice lots and farms. The "early birds" had jumped the gun, sneaked in while others waited for the soldiers' rifles. Then a most derogatory term, "Sooner," has since been lifted well above its former connotation and has grown to become a term of pride, as any University of Oklahoma fan will attest.

Tents that had provided shelter in the first few weeks, and had also held business establishments, began to give way to frame buildings here and there as lumber companies brought in materials to fill the never-ending demand. Alongside the frame structures went up buildings of brick and native stone, and then the hurriedly erected buildings of wood soon were replaced by permanent ones. It was a mad spree of building.

In 1910, less than three years after admission to statehood, a statewide election, one in which the stakes were high, determined that three years later, in 1913, the capitol would be located in Oklahoma City, though there were cries of many discrepancies in the vote count. The winners could not wait. Their agents came by night to steal the state seal from what is now the Logan County Court House, and Guthrie was no longer the seat of government.

The former capitol has changed very little since, and a tour of the city is well worth the effort.

OKLAHOMA CATTLE

Cattle and all forms of livestock did not magically appear on the ranges of Western Oklahoma; several centuries before the arrival of white settlers many hundreds of thousands of wild-beeves and buffalo roamed the region. The first Europeans to enter present-day Oklahoma were the Spanish Conquistadores who crossed the prairies in the early 1540's. Later, Spanish missionaries brought more cattle to the American Southwest and at the dozens of missions established along the frontier of Texas and New Mexico, they raised these cattle for food to support their holy mission. At these posts there were

always a few Indians who cooperated with the Spanish and thereby learned how to take care of and breed these animals. Eventually, the beasts spread throughout the plains areas of western Oklahoma and Texas. By 1800 there were thousands of these wild cattle in the entire region.

Despite the abundance of wild livestock on the Oklahoma frontier, cattle ranching as we know it today was introduced into the region by Indians of the Five Civilized Tribes, who were forcefully removed from the Southeast to Indian Territory during the 1830's. Long before removal these tribes had developed a sophisticated society based on agriculture and livestock. The move west did not long diminish this activity. The tribes were so successful in their new homes that one tribe alone, the Cherokee, owned at least 20,000 cattle, 3,000 horses and 15,000 hogs by 1839. Ultimately their surplus cattle was sold to nearby communities in Arkansas, Missouri and Kansas. The chance discovery of gold in California in 1848 opened a new era of profits for the tribesmen—they were in the path of one of the Southern routes that would-be prospectors followed to California.

During the decade just before the Civil War, Texas cowboys rounded up cattle on the ranges of the Texas plains and drove them across Indian Territory to trade centers in Missouri and Illinois. Though this early attempt to exploit other markets failed, it did show that cattle could be driven long distances to market.

In the meantime the Cherokee tribe built up 250,000 cattle and 20,000 horses and mules but with the outbreak of the Civil War, the Indian Territory lay in the middle between North and South. Because the Five Civilized tribes were from the South, most supported the Confederacy in the war and others had to flee to Kansas and beyond, leaving behind their livestock and farms. The Five Tribes lost about 300,000 head of livestock.

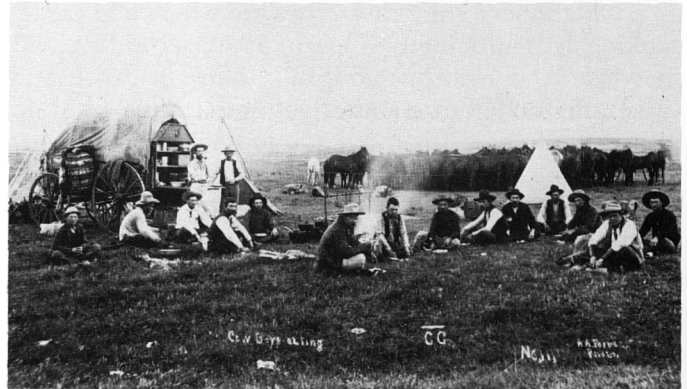
The tribes returned after the war and started to rebuild their herds. Texas cowboys returning from war had no livelihood so they rounded up wild cattle on the plains of Texas and drove them north to Kansas, such as the Western and Chisholm trails and with them the many myths and legends about the cowboy and the American West. As a livestock man, the cowboy was the future rancher of the west, and in some instances modern ranching would not have developed as it did without his help.

Cattle drovers manipulated agreements with members of the various Indian tribes, which allowed stockmen to drive cattle to the region and to graze them until fattened for market. The government tried to stop this grazing despite Cherokee tribal approval. In 1893, the entire Cherokee Outlet was opened to white settlement and thereafter the grazers established

permanent claims on the prairie lands.

By the turn of the century, cattlemen in present Oklahoma were operating modern ranches that were producing thousands of quality beef cattle each year which is now second only to oil as the major industry of the state.

Source: *Oklahoma Cattlemen*, J. A. Stout



"Cowboys Eating" CC Cowboys seated around the chuck wagon and the cook. Note also the small sibley tents.



J. J. herd on the high plains.



Day herd on the Cimarron River.

Photos courtesy of Western History Collection, University of Oklahoma.

AGRICULTURE

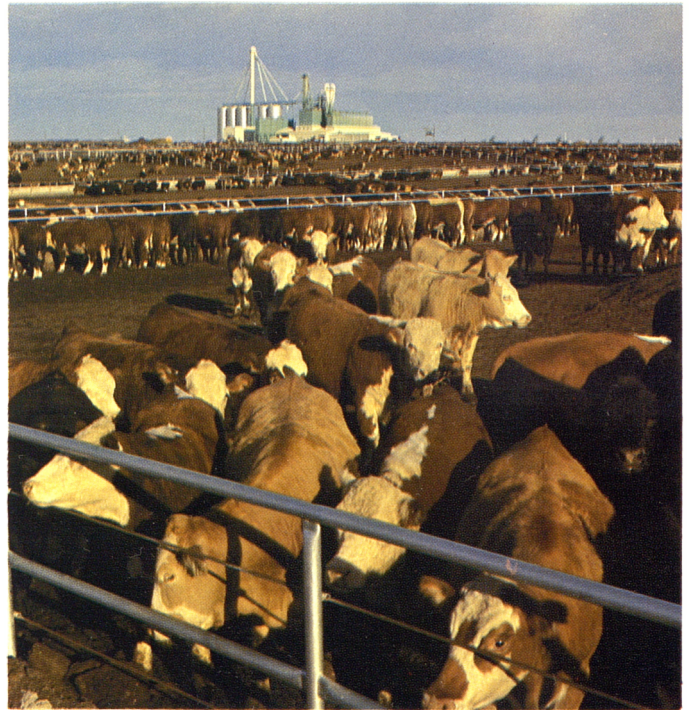
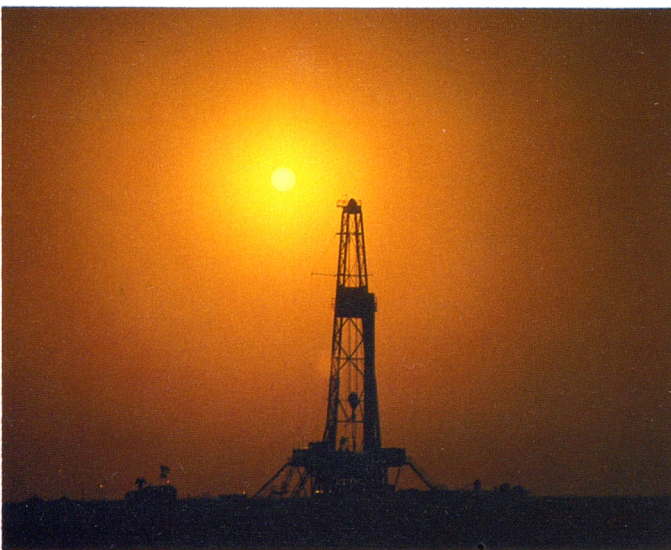
Oklahoma's economy was founded on agriculture and today it remains one of the state's largest and most far-reaching industries. Farms and ranches totaling 73,000 cover some 35 million acres and average 479 acres in size. Agriculture is ranked with petroleum as Oklahoma's leading industry.

Oklahoma's chief cash crops are wheat and cattle, ranking first in winter wheat in 1980, second overall in wheat and fourth among all states in cattle and calves. In 1979, cattle and calves had a value of \$1.46 billion while wheat had a value of \$845 million.

Among all states, Oklahoma also ranked third in pecans, fifth in peanuts, sixth in grain sorghum, seventh in rye, eighth in cotton, ninth in alfalfa seed and tenth in hay.

In relative rank of the state's cash crops, cattle and wheat are followed by hay, cotton lint, milk, poultry and eggs, grain sorghum, peanuts, hogs and pigs, soybeans, corn, peaches and pecans, oats, barley, alfalfa seed, sheep and wool and rye.

Topographically and geographically, Oklahoma's agriculture is diverse, ranging from the semi-arid high plains of the Panhandle with its heavy concentration of cattle feedlots, ranches and large-scale farms, to the flat, heavily irrigated southwest section devoted primarily to cotton, wheat and some cattle. Then there are the wheat and cattle farms of western and northern Oklahoma; the cross-timbered central sections where the emphasis is on dairying and diversified farming of crops such as peanuts and hay; the wetter eastern third of the state which produces an abundance of soybeans, pecans, poultry and hardwood timbers and the pine-rich southeastern section where timber is the king and small farms predominate.



Photos by Bob Taylor Photography, Cordell, Oklahoma.