1985

Alumni

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ISU Alumnus Honored

The Alumni Room at the College of Veterinary Medicine, ISU, was the scene of a celebration on September 9, 1985. Approximately one hundred faculty, staff, students, and friends of Dr. and Mrs. H. Hugh Dukes gathered for a reception to honor him on the occasion of his 90th birthday. The program included a biographical sketch of Dr. Dukes’ life on slides and in a video presentation.

There were numerous honored guests at the reception and program, including Dr. George C. Christensen, Vice President for Academic Affairs at ISU (and veterinary students of Dr. Dukes at Cornell University); Dr. Fred Wertman, past Executive Director of IVMA; Dr. Tom Neuzil, Executive Director of IVMA; Dr. Jim Rosdail, past President of IVMA; Dr. Robert W. Dougherty, colleague of Dr. Dukes at Cornell University; and Dr. Phillip O’Berry, Director of the National Animal Disease Center. A special thank you is extended to those who made the celebration possible, including Dr. and Mrs. Franklin

Fig. 1. Dr. and Mrs. Dukes share their thoughts on the topic “If we had to do it over again, would we do anything different”?

Iowa State University Veterinarian
Ahrens, Dr. and Mrs. Melvin Swenson, and Dr. and Mrs. William Reece.

Dr. Dukes, who has served on the Veterinary Medicine faculties of both Cornell University and Iowa State University, was born September 9, 1895, in St. George, South Carolina. He has been most widely recognized for the textbook he wrote 52 years ago, *Physiology of Domestic Animals*. That book, now in its tenth edition, is still widely used by college and veterinary students.

Dr. Dukes earned his baccalaureate from Clemson College in 1915 and his Doctor of Veterinary Medicine degree from the veterinary division of what was then Iowa State College in 1918. In 1921, Dr. Dukes became an instructor at Iowa State and in 1923 he earned his Master of Science Degree in Veterinary Physiology. He continued as an Assistant Professor of Veterinary Physiology and Veterinary Research, and on June 7, 1927 he married Mary Allison Kent.

Dr. Dukes assumed the position of Professor of Veterinary Physiology and Head of the Department of Physiology at the New York State Veterinary College at Cornell University in 1932, and remained there until his retirement in 1960. A year later, however, he returned to Iowa State as a faculty member, giving physiology demonstrations to veterinary students and developing single-concept movies. He also developed a program, "Demonstrations in Living Biology," which was presented live to over 100,000 elementary and high school students throughout Iowa and the United States.

Numerous honors and awards have been bestowed upon Dr. Dukes, including the Borden Award, XIIth International Veterinary Congress Prize, Clemson University Honorary Doctor of Science and the Iowa State University Stange Award. Dr. Dukes also was the recipient of the Iowa State University Distinguished Achievement Citation, symbolic for his high degree of recognition, which reads, "His rare gift to implant knowledge and to inspire students combined with a sound scholarly background have made him one of the truly great teachers of his time."

Dr. Dukes' first edition of *Physiology of Domestic Animals* was principally written while he was at Iowa State and was published in 1933 after he had gone to Cornell. He was author of six more editions of the book. The final three editions (*Dukes' Physiology of Domestic Animals*) were edited by Dr. Melvin J. Swenson at Iowa State. Eighteen of the text's contributors are Iowa State faculty members or

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former faculty members.

When asked, at his reception, what he would do differently if he had to do it over again, Dr. Dukes replied that he would be a veterinarian and that he would become a veterinary physiologist. He also said that he would marry Mary, his wife of 58 years. Mrs. Dukes, seated nearby, simply smiled her consent. Dr. and Mary Dukes now reside in Scottish Rite Park in Des Moines, Iowa.

Fig. 3. Dr. Dukes with Veterinary Physiology colleagues at Iowa State University, Dr. Melvin Swenson (right), editor of “Dukes’ Physiology of Domestic Animals”, and Dr. William Reece.

Editor’s Note: Special thanks to Dr. William O. Reece and Lueen Mansfield (VM II) -- for co-authoring this tribute to Dr. Dukes.

Donald V. Benson: practiced veterinary medicine in Bushington, IA, from 1945 to 1946. He then taught at Oklahoma A & M from 1946 to 1948. Next, he taught at the U. of Missouri from 1948 until 1953. Then he practiced in Fayette, MO, from 1953 until 1976. He was involved in meat inspection from 1977 until 1981, and now Dr. Benson is retired. He and his wife, Irma, have three daughters: Donna, Elaine, and Cathy.

Maurice P. Brimmer: and his wife Glennys, live in Fairfax, IA. He is retired from private practice and government. Dr. Brimmer is the president of the Brimmer Assoc. Corporation. He is a member of the ISVMA.

Philip G. Eldredge: was an Idaho State Deputy for one year. He then practiced veterinary medicine for ten years. Then he taught at the U. of Idaho for two years. For twenty years Dr. Eldredge was a federal veterinary

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Edgar P. Alexander: is retired from veterinary medicine. He is a member of IVMA and NVMA. Dr. Alexander and his wife, Barbara (ISU ’46, Home Economics), have three children: Becky (37), Gwen (35), and Greg (31).

Harold E. Bain: and his wife, Wanda (TC ’46), have three daughters and eight grandchildren. He is a technical service veterinarian.

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meat inspector, and now, for the past eight happy years, he is a gardener and maintenance man at the College of Idaho. His wife, Betsy, is secretary to the Provost at that college.

LeRoy R. Gallentine: is employed by the Iowa Department of Agriculture. He was in general practice for 38 years. Dr. Gallentine has been a member of the Board of Directors of AASP and also been a Lions Club and school board member. He and his wife, Alice, have four children who are all ISU graduates. They are Joyce, Raymond, Ronaid, and Roger.

Walter B. Haugo: is active in a mixed practice in Litchfield, MN, with his son, John, who graduated from the U. of Minnesota in 1980. He and his wife, Mary Jo (ISC '45), have four sons and four grandchildren.

Harold E. Hedlund: retired in 1983 after 37 years of practice in Wahoo, NE. He and his wife, Betty, have four children: Barbara (36, MA, teacher), Janet (54, RN, two sons), Cheryl (32, DVM, one son), and Edwin (29, BA, Business). Dr. Hedlund is a past president of NVMA. He was a delegate to the AVMA for four years, and a member of the school board for six years. Dr. Hedlund is a member of the Masons, Shriners, and the Presbyterian church.

John L. Innes: is active in a one-man food animal (bovine essentially) practice in Asheville, NC. He and his wife, Donna (assistant superintendent, Time Office, Champion International), have four children: Jay G. (27, foreman for a tree service), Coral J. (26, RN), Mark E. (24, research engineer), and Sue A. (22, RRT). Dr. Innes practiced veterinary medicine for nine months in Monona IA and then he was involved with the UNRRA mule transport to Greece in 1946. In 1947 he started a practice in Asheville, NC, and in 1952 he was a station veterinarian at Redstone Arsenal. Then in 1954, he returned to his present practice. From 1955 to 1961, Dr. Innes was a part-time meat inspector for his county health department. In 1956 he was the president of WNCVMA. He is presently a member of NCVMA, AVMA, and AABP. Dr. Innes is also active in various offices of Asheville Gospel Chapel and is a member of the Christian Businessmen USA.

Royal E. Klofanda: who is now retired from veterinary medicine, is now "actively walking with Jesus Christ — i.e. feeding the hungry, clothing the naked, beds for those who don't have, and visiting people in hospitals." He and his wife, Mary (Rusty), live in California.

Willis M. Lawson: is active in a mixed animal practice with associates Dr. Robert Urbatsch (ISU '50) and Dr. Alan Mendenhall (U of MN '66). He and his wife, Aan, have two children: David (31) and Nancy (32). Dr. Lawson was on active duty in the Army Vet Corps from 1952 to 1954. He is a member and past president of his county Public Health Nursing Board. He is also a life member of MVMA and AASP. Dr. Lawson is a church elder and teacher, has been a bank director, and was past president of his local VMA. He belongs to fraternal organizations and has written several scientific papers on swine diseases on state and national levels from 1976 to 1984.

Keith T. Maddy: is a senior staff toxicologist for the state government of California. He and his wife, Colleen, have six children: Donald, Kathleen, Dana, Danielle, Lori and Duane. In 1954 Dr. Maddy earned an MPH degree from the U. of CA at Berkeley. He took additional post-graduate work there in 1959 and 1960. In the time from 1945 to 1972, Dr. Maddy worked for the U. of NV, the U.S. Department of Agriculture, and for the U.S. Public Health Service as a veterinarian, an assistant professor, a research worker, and as an administrator. Most of Dr. Maddy's professional career has been in comparative medicine. He authored more than 70 articles in this subject area prior to 1970. In the 1960's, Dr. Maddy worked in the area of the toxicological aspects of air pollution and drug therapy. Since 1972, he has been Staff Toxicologist for the California Department of Food and Agriculture, centering on studies related to agricultural chemicals (specifically on human health aspects of pesticide use and exposure). Recently, he has authored over 1000 Department Reports and more than 40 articles in scientific publications on the health aspects of pesticide use.

Durward P. Marek: has worked with Dr. David Bechtum (ISU), Dr. Jeff O'Konnes (ISU '84), and Dr. Zook (ISU '85). He is now semi-retired from general veterinary practice. Dr. Marek has held offices in his county veterinary association. He and his wife, Maxine, have four children: Dewey (34, Driver
Trainer), Joella (36, professional modern and ballet dancer), Michelle (30, medical lab technician), and Ellen (23, housewife).

Harry D. McCredy: was active in large animal medicine at Bloomfield, IA, until 1983, when he retired. He and his wife, Marilyn, have five children: Barbara (36, two daughters and one son), David (33, two daughters), Vicki (31, two daughters and one son), Leslie (30, one daughter and one son), and Thomas (29, one daughter and one son). Dr. McCredy is a member of the IVMA. He is a past president and was a member of the executive board and a rotarian for a number of years.

Dale C. Mowbray: is retired from veterinary medicine and is currently involved in real estate and contracting for heating and cooling systems. After graduating, he spent one year practicing large animal medicine in Grundy Center and then spent 28 years in the U.S. Army. He retired from military service with the rank of Colonel in 1971. He and his wife, Grace Simmons, have four children, David (36), Alan G. (34), Margaret Anne Beville (32) and Glen E. (30).

Clifford R. Parrish: is active in a mixed practice in Nevada, IA. He and his wife, C. Vonis, have four children: Ellen J., Dawn E., Paul A., and Michael R. Dr. Parrish has belonged to the IVMA and AVMA for forty years. For thirty years he has been the Story County Fair Veterinarian, and he has been a member of the Nevada City Council.

Christian J. Peetz: and his wife Thelma, have two sons: C. J. Jr. (39) and Ronald (37). He has been a member of AVMA, CVMA, and Marin County VMD since graduation. Dr. Peetz is now retired from veterinary medicine.

Harry L. Quick: was active in veterinary medicine for 34 years in a suburban Chicago practice. He retired to Dixon, Illinois, where he has been active in animal protection for the past seven years.

Lyle Scott, Jr.: practiced veterinary medicine from 1945 to 1952. From 1952 until 1971, he was in the U.S. Army. He was the chief meat inspection veterinarian for the Colorado Department of Agriculture from 1975 until 1981. He was also the circuit supervisor of meat inspection. He has been retired since 1981. Dr. Scott and his wife, Naomi, have two children: Norman (39) and Cynthia Evans (34), both of Denver, CO.

A.O.H. Setzepfandt: has recently retired from a self-employed large animal general practice in MN. He is a member of the MVMA and AVMA. For 19 years Dr. Setzepfandt was the mayor of Bird Island, MN, and for four years he was the Renville County Commissioner. For two years he was a member of his state’s House of Representatives, and for six years he was a state senator. Dr. Setzepfandt was a four year member of the Minnesota Board of Animal Health. In 1979, Dr. Setzepfandt was voted Minnesota Veterinarian of the Year. Dr. Setzepfandt and his wife Carol (ISU ’46) have four children and six grandchildren. All are “out of the nest—but living in Minnesota and California.”

Clifford L. Syverson: practiced veterinary medicine (90% large animal and 10% small animal) at Lake Mills, IA, from 1945 to 1978. He served on the Lake Mills City Council for eight years. Since moving to Lawrence, KS, in 1978, he is on call for six small animal hospitals as a relief veterinarian—small animals only. Dr. Syverson is a life member of the IVMA (37 years). He served on the Executive Board of IVMA for six years. Dr. Syverson and his wife, Dorothy, have two sons: Mark (36, teacher in the Film Studies Department at the U. of KS) and Dean (34, translator of German, French, Norwegian, Danish, Swedish, and Dutch languages).

Vernon A. Thieleke: is now retired from large animal practice. From graduation to the present, he has been a member of the local, state, and national veterinary associations. In 1969 Dr. Thieleke was honored as the president of the State of Wisconsin Veterinary Medical Association. Currently he is president of the village of Howards Grove, WI. Dr. Thieleke and his wife, Marie, have three sons and one daughter, all married. They have five grandchildren.

John V. Wand: is active in general practice with his associate R. A. Telleen (ISU ’50) in Jefferson, IA. He and his wife, Della Mae, have five children: Kevin (34), Jeffrey (31), Julie (30), Nick (27), and Tony (23). Dr. Wand is a member of AVMA, IVMA, and North Central VMA. He has been a boy scout leader, little league president, and Lion’s Club member. He was a recipient of the American Legion Community Distinguished Service Award. Dr. Wand is a member of the St. Joseph Catholic Church Financial Committee.

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Paul L. Anderson: has enjoyed private large animal practice in Greene for the past eight years. His main interest is swine medicine. Dr. Anderson and his wife, Melinda have two children, Heather (8) and Michael (5).

Darrell L. Beenken: is currently active in a mixed practice, predominantly large animal, in Lake Mills. After graduating, Dr. Beenken practiced in Ennerville for two years, then, in July of 1977, purchased his current practice from Dr. Clifford Syverson. He has served as a board member and president of the Upper Iowa VMA, a trustee on the board of the Salem Lutheran Church, a five-year member of the NIAC College Foundation Board, a member of the local FFA advisory board and is an honorary chapter farmer. He is currently a member of the AVMA, IVMA, Upper Iowa VMA, AASP, and AABP. His wife, Yvonne, is an R.N. (SDSU '75). They have two children, Daniel (8) and Abigail (6).

Robert Bjerk: is currently active in a small animal practice in Ancortes, WA. He and his wife, Rennie, have three children, Benji (10), Scott (7), Sunny (4). Dr. Bjerk is a member of the AVMA, WSVMA, Tri-county VMA, and Skagit VMA.

Daniel Branstetter: is currently employed in industry and research. He and his wife, Anne, have two children, John and Michael. Dr. Branstetter achieved his PhD in 1985 and DACVP in 1983.

Wendell L. Davis: is active in a mixed practice with associates Dr. Jack Johnson (ISU '70) and Dr. Keith Schonewill (ISU '83) in Lake Park. Their hospital is a certified AAHA member. Dr. Davis spends most of his time practicing small animal medicine and surgery. He and his wife, Nancy, have two children, Angela (8) and Sean (4). Dr. Davis is a member of the AVMA, IVMA, and Harris-Lake Park Community School Board of Education, and he is chairman of the Dickinson County Public Health Advisory Board.

Alan R. Doster: is the Chief Pathologist of the Veterinary Diagnostic Center at the University of Nebraska. He earned his MS in 1977 and his PhD in 1979 at the University of Georgia and achieved board certification in 1980. He and his wife, Julie, have one daughter, Jenny (4).

Stephen R. Gregg: is active in a small animal practice with Dr. William R. Bell (MSU '70) in Merced, CA. Dr. Gregg is a member of the AVMA and SJVVMA. He and his wife, Judy, have two children, Jennifer (6) and Jim (4).

Carol B. Grinden: is an assistant professor of clinical pathology at North Carolina State University in Raleigh, NC. After graduating, she practiced small animal medicine for three years in Clinton, IA and Lawndale, CA. She achieved her PhD in veterinary pathology at the University of Minnesota and is board certified in veterinary clinical pathology. Her husband, Wayne T. Corbett, VMD, DrPH is an associate professor of epidemiology at NCSU and Director of the WHO Collaborating Center for International Veterinary Public Health.

Jeaneyl Hazlett: is currently active in small animal medicine in Morris, IL. She is a member of the AVMA, Illinois State VMA, Morris Business Professional Women and an AAHA affiliate.

Leroy A. Holmes: is owner of two small animal hospitals in Des Moines with associates Dr. Cheryl Waterhouse (ISU ’81) and Dr. Barbara Hill (ISU ’84). Dr. Holmes is a member of the AVMA, IVMA, GDVMA, and VOS. He and his wife, Roberta L., have one daughter, Heather Baxton (11).

Bruce H. Janke: has been an assistant professor in the Veterinary Science Department of South Dakota State University in Brook ing, SD since 1984. He is employed in diagnostic pathology and research at the South Dakota Animal Disease Research and Diagnostic Laboratory. After graduating he practiced predominantly large animal medicine for three years in Windom, MN. From 1978–84 he pursued graduate studies in pathology as a post-doctoral fellow at the University of Missouri—Columbia. He achieved his MS in 1981 and a PhD in 1984. He and his wife, Ellen, have two sons, Benjamin (4) and Brian (2). Dr. Janke is a member of the AVMA and the American Association of Veterinary Laboratory Diagnosticians.

Thomas D. Juergens: owns an equine practice in Anoka, MN with associate Dr. Erick Thompson (Minn. ’82). Dr. Juergens has been an associate clinical professor of equine ambulatory medicine at the University of Minnesota (1980–present) and has served on the Board of Directors, Anoka County
Humane Society (1982-present). He and his wife, Mary, have two children, Jaime Ann (6) and Jeremy (4). Dr. Juergens is a member of the AVMA, MVMA, AAEP, and past president (1980) of the MAEP.

**John A. Kurt:** is active in a mixed practice, primarily dairy in Prairie Du Chien, WI with associate William Schultz (ISU ‘84). Dr. Kurt and his wife, Kathy, have three children, Nick (6), Kelly (4), and Kerry (10 mo.). Dr. Kurt is a member of the AVMA, IVMA, WVMA, AABP, AASGP, and South West WVMA. He also serves as Grand Council Historian of Omega Tau Sigma and on the high school advisory board.

**Randall Lynn Lange:** is a partner with his brother, Dr. Richard Lee Lange (ISU ’75), in a mixed practice in Knoxville, TN. Dr. Randall Lange and his wife, Christy Champion (ISU ’75), have one daughter, Jessica Noelle (5 mo.). Dr. Lange is a member of the AVMA, Tennessee VMA, AAHA, and Knox County Academy of Veterinary Medicine.

**Richard L. Lange:** is active in small animal practice with Dr. Randall L. Lange (ISU ’75), Dr. Edwin Lehman (U of Tenn. ’84), and Dr. Cindy Grove (U of Tenn. ’85) in Knoxville, TN. Dr. Richard Lange’s wife, Ann, is staff engineer (health physics) at Oak Ridge Assoc. University in Oak Ridge TN. Dr. Lange practiced medicine in Hollywood, FL for 2½ years after graduating. He and his brother then established a practice in Knoxville, which has grown to a four-person practice. He is currently president of the Knox County Academy of Veterinary Medicine.

**Elizabeth (Landers) Riedesel:** is associate professor of radiology at the veterinary teaching hospital, Iowa State University. She was board certified in 1980 by the American College of Veterinary Radiology, following a two year residency at the University of California—Davis. She is a member of the AVMA and Radiological Society of North America. She and her husband, Dr. Dean Riedesel (ISU ’59), have two daughters, Ericka (6) and Melissa (2).

**Charles Lemme:** recently purchased a one-person small animal practice in Cedar Rapids. After graduating, Dr. Lemme was employed for ten years in a small animal practice in Evanston, IL. He is a member of the AVMA, AAHA, Illinois VMA, Illinois Academy of Veterinary Medicine and Optimist Club of Evanston. He has served on the board of directors of the Chicago VMA. He and his wife, Linda, have two children, Beth (5) and Patrick (2).

**Phil Miller:** has been in mixed practice for ten years in Fairfield. His associates are Dr’s R. P. Woody (ISU ’67) and R. J. Wiegert (ISU ’78). Dr. Miller and his wife, Connie, have four children, Andrew (8), Daniel (7), Jane (4), and Joseph (9 mo.). Dr. Miller is a member and past chairman of both the Jefferson County Board of Health and the Finance Committee of the First United Methodist Church. He is also a member of the AVMA, IVMA, and EIVMA.

**David Nyren:** is working in a five-person mixed practice in Iowa City, with associates Dr. A. N. Lang (ISU ’44), Dr. J. R. Kennedy (ISU ’57), Dr. R. L. Snakenberg (ISU ’70), and Dr. W. W. Gay (ISU ’80). Dr. Nyren and his wife, Judy (ISU ’74), have two children, Andy (8) and Noelle (6). Dr. Nyren is a member of the AVMA, IVMA, EIVMA, AASP, AASGP, and a board member of Parkview Evangelical Free Church.

**Barbara Milke Peterson:** practices as a part-time relief veterinarian in Illinois and Wisconsin. After graduating, she moved to Canada and had her own small animal practice in Chelmsford, Ontario from 1975-78. She and her husband, Dr. Dennis A. Peterson (Sask. ’73, an equine race track practitioner), moved to McHenry, IL in 1978. They have four children, Jennifer (9), Julie (8), Jeanne (6), and Seth (2). Barbara is a member of the AVMA, WVMA, and Wisconsin Equine Practitioners Association.

**Kellye Pfalzgraf:** established his own one-person, primarily large animal, practice in Monona in February of 1985. After graduating, he practiced in Mable, MN for one year, then entered into a partnership in Monona which lasted nine years. He and his wife, Charlotte, have two daughters, Joyce (7) and Samantha (5).

**James A. Roth:** is currently involved in teaching and research at Iowa State University (1977-present). After graduating, he worked in a mixed practice in Belle Plaine (1975-77). He and his wife, Jeanne, have two children, Claire (9) and David (5). Dr. Roth achieved an MS in 1979 and PhD in 1981 at ISU. He is a member of the AVMA, American Association of Veterinary Immunologists, the Reticuloendothelial Society, and a Diplomat of the American College of Veterinary
Microbiologists. Other accomplishments include Norden Distinguished Teacher Award (1983) and Outstanding Young Alumnus (1985).

L. Michael Schmall: is currently completing a PhD dissertation in physiology at Ohio State University. After graduating, he practiced equine medicine in Minneapolis/St. Paul, MN (1975-77). He achieved his MS in Veterinary Microbiology in 1981 at ISU. He and his wife, Jill Anne, have three children, James (3), John (2), and Joe (3 mo.).

Stephen Thacher: is practicing large animal medicine in Lamont with associates, Dr. Don R. Bowden (ISU '67), Dr. James E. Beyer (ISU '72), Dr. Donald Dutler Jr. (ISU '72) and Jim Slattery (ISU '78). Dr. Thacher is a member of the AVMA, IVMA, EIVMA, Jaycees, and local school board. He and his wife, Pam, have three children, Brett (14), Brooke (10), and Wendy (8).

D. R. Trask: is active as a consultant for small animal and emergency clinics in Lake Bluff, IL and has one associate, Dr. Desire Helgren (Il '85). Dr. Trask and his wife, Kim Helland, have two daughters, Michelle Dawn (16) and Vanessa Lynn Trask (3). Dr. Trask is a U.S. Army Reserve Veterinary Corps Commander, a member of the Kiwanis and Chamber of Commerce. He is also a board member of Citizens Against Sexual Assault. Other activities include management of his Iowa family farm and real estate brokerage.

Ronald M. Zobenica: is active in a small animal, one-person practice in Virginia, MN. His wife, Sandy, is a travel consultant and they have two children, Haidee (21), a senior at the University of Minnesota in international relations, and Jon (18), a freshman at the University of Arizona in Russian language and Soviet studies. Dr. Zobenica is a member of the AVMA, MVMA, Arrowhead VMA, and an AAHA associate. He is also a sustaining member of the Veterinary Quadrangle and the Gentle Doctor.

Continuing Education

The following Continuing Education offerings have been programmed by staff members of the College of Veterinary Medicine, Iowa State University, and state and national veterinary associations. Other offerings and specific information about location, times, course descriptions, and costs will be announced monthly in the Veterinary Extension Newsletter.

For further information, contact:
Dr. James D. McKean, Chair
Continuing Education Committee
College of Veterinary Medicine
2270 Veterinary Medicine
Iowa State University
Ames, Iowa 50011
Phone (515) 294-8790

January 7
Bacteriology for Food Animal Practitioners; Dr. Lorraine Hoffman; College of Veterinary Medicine, Alumni Room; Enrollment limited to 32; CE credits—6 hours

January 26–29
IVMA Annual Meeting: Marriott Hotel, Des Moines, Iowa

February 3
Introduction to Respiratory Disease; 12:30-1:00 p.m.; Broadcast over Iowa Public Television

February 14
Swine sulfa testing—tissue and feed screening techniques (lecture-laboratory); College of Veterinary Medicine, Alumni Room; Open enrollment; CE credits—6 hours

February 15
Pleasure Horse Clinic; College of Veterinary Medicine, Scheman Continuing Education Building; Open enrollment; CE credits—6 hours
February 6, 13, 20, 27, March 6, 13
Six-week Small Animal Seminar Series;
Cedar Rapids, Iowa (Contact—Dr. Dean Frey); Minimum enrollment—25; CE credits—18 hours

February 17
Bacterial Pneumonias; 12:30-1:00 p.m.; Broadcast over Iowa Public Television

February 24
Mycoplasma and Viral Pneumonias; 12:30-1:00 p.m.; Broadcast over Iowa Public Television

March 12
Clinical Pathology—Practical Techniques and Interpretation; lecture-demonstration; Dr. Arlo Ledet; College of Veterinary Medicine, Alumni Room; Open enrollment; CE credits—6 hours

March 12
Clinical Pathology Procedures—Animal technicians and laboratory assistants; Dr. Arlo Ledet; College of Veterinary Medicine; Open enrollment; CE credits—6 hours

March 16–18
American Association of Swine Practitioners (AASP); Hyatt Regency Hotel, Minneapolis, Minnesota

March 22–28
American Animal Hospital Association (AAHA); New Orleans, Louisiana

April 2
Southwestern Iowa VMA Spring Clinic; Bradley Sale Barn, Red Oak, Iowa

April 11–13
Netherlands Small Animal Veterinary Association, RAI-Congress-centre. International Congress with simultaneous translation into English, German and Dutch. For details please contact: The Royal Netherlands Veterinary Association, P.O. Box 14031, 3508 SB, Utrecht, The Netherlands, Telephone: 030–510111.

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Eastern Iowa VMA Spring Clinic; Hawkeye Downs, Cedar Rapids, Iowa

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