

Journal of Veterinary Medical Education

Association of American Veterinary Medical Colleges

Volume 33 Number 4 Winter 2006

FOOD SUPPLY VETERINARY MEDICINE

479

Veterinary Medical Education for Modern Food Systems: Setting a Vision and Creating a Strategic Plan for Veterinary Medical Education to Meet Its Responsibilities

Daryl D. Buss, Bennie I. Osburn, Norman G. Willis, and Donal A. Walsh

489

Veterinarians in the Production Setting: Where Do Veterinarians Fit in? What Can They Provide? What Skills Do They Need?

Mark Wustenberg

492

The Future of Veterinary Medicine in Poultry Production

John R. Glisson and Charles L. Hofacre

496

Animal Health: Foundation of a Safe, Secure, and Abundant Food Supply

W. Ron DeHaven and Ruth Goldberg

502

Veterinarians and the Animal-Health Industry: A Complex Dimension of Opportunity

R.L. "Rick" Sibbel

505

Food-Supply Veterinary Medicine and Veterinary Medical Education: An Australian Perspective

Reuben Rose

509

Work Conditions, Job Preparation, and Placement Strategies for Food-Animal Veterinarians

David M. Andrus, J. Bruce Prince, and Kevin Gwinner

517

Academic Food-Supply Veterinarians: Future Demand and Likely Shortages

J. Bruce Prince, David M. Andrus, and Kevin Gwinner

525

Importance-Performance Analysis of Food-Supply Veterinary Medicine Career Commitment

Kevin Gwinner, David Andrus, and Bruce Prince

530

Veterinary Medical Education for Modern Food Systems: Past, Present, and Brainstorming a Future

Teresa Y. Morishita, Robert F. Kahrs, Keith W. Prasse, Andrew Maccabe, and Richard Dierks

533

Education and the Food-Systems Veterinarian: The Impact of New Information Technologies

Theresa M. Bernardo

539

Veterinary School Consortia as a Means of Promoting the Food-Supply Veterinary Medicine Pipeline

Dale A. Moore

543

Consortia and Centers of Excellence: Issues and Answers

Gay Y. Miller and Keith W. Prasse

549

The Concept of Rural Community Practice (RCP)

N. Ole Nielsen, Brian Evans, and Lonnie J. King

554

Families, Females, and Food Animals: Can We Do It All?

Darcie J. Stolz

558

Career Opportunities in Public Health: One Veterinarian's Experience

Candace A. Jacobs

561

Hidden Costs of Food Production: The Veterinarian's Role

Caroline J. Hewson

567

Aspects of Future Animal Health: The Animal Health Foresight Project

Norman G. Willis

THE OBJECTIVE STRUCTURED CLINICAL EXAMINATION

571

The Objective Structured Clinical Examination: Three Decades of Development

Brian David Hodges

578

The Objective Structured Clinical Examination (OSCE) as a Determinant of Veterinary Clinical Skills

Margery H. Davis, Gominda G. Ponnampereuma, Sean McAleer, and Vicky H.M. Dale

588

The Use of the Objective Structured Clinical Examination (OSCE) in Small-Animal Internal Medicine and Surgery

Hylton Bark and Ron Shahar

COMMENTARIES

593

Broadening the Public Perception of Veterinarians: Can We Keep What We've Got While Transforming Ourselves?

Joan C. Hendricks

595

Why Veterinary Medicine and Veterinary Medical Education Needs an Accurate Census of Companion Animals by Household for the United States

J.H. Theis

RESEARCH AND EDUCATION REPORTS

598

A Philosophy and Approach to Teaching the Epidemiology of Food-Borne, Waterborne, and Zoonotic Diseases

David Waltner-Toews and Andria Q. Jones

605

Survey of the Large-Animal Diplomates of the American College of Veterinary Internal Medicine Regarding Knowledge and Clinical Use of Polymerase Chain Reaction: Implications for Veterinary Education

Nicola Pusterla, Samantha Mapes, and Christian M. Leutenegger

612

Hawaii Veterinarians' Bioterrorism Preparedness Needs Assessment Survey

Alan R. Katz, Dawn M. Nekorchuk, Peter S. Holck, Lisa A. Hendrickson, Allison A. Imrie, and Paul V. Effler

INNOVATIONS IN VETERINARY EDUCATION

618

Medical Imaging Resource Center (MIRC) for Veterinary Medicine: A Digital Image Teaching File

Allison L. Zwingenberger and Patrick R. Ward

SPECIAL REPORT

622

AVMA Council on Education: Fall 2006 Update

Mary Christopher