

Chronic Wasting Disease Symposium

Tuesday, 6 August 2002

Introduction - Rick Kahn, Colorado Division of Wildlife

SESSION I

OPENING REMARKS / WELCOME

Moderator – Lloyd Fox, Kansas Wildlife and Parks

- 8:05 Greg Walcher, *Executive Director*, Colorado Dept. of Natural Resources
Steve Williams, *Director*, U.S. Fish and Wildlife Service
Bobby Acord, *Director*, APHIS, U.S. Department of Agriculture
Russell George, *Director*, Colorado Division of Wildlife
- 8:35-9:00 Prion Diseases: Overview of General Concepts
Glenn Telling, University of Kentucky
- 9:05-9:30 Chronic Wasting Disease of Deer and Elk: An Overview
Elizabeth Williams, University of Wyoming
- 9:35-9:50 BREAK

SESSION II

CHRONIC WASTING DISEASE IN FREE-RANGING DEER AND ELK

Moderator – Tom Thorne, Wyoming Game and Fish Department

- 9:55-10:10 Chronic Wasting Disease Surveillance and Monitoring Strategies:
An Overview
Mike Miller, Colorado Division of Wildlife
- 10:15-11:15 Distribution and Status of Chronic Wasting Disease in Free-ranging Cervids
- 10:15 Colorado – Mike Miller, Colorado Division of Wildlife
- 10:25 Wyoming – Terry Kreeger, Wyoming Game and Fish Department
- 10:35 Nebraska – Bruce Morrison, Nebraska Game and Parks
- 10:45 Wisconsin – Julie Langenberg, Wisconsin Dept. of Natural Resources
- 10:55 South Dakota – Ron Fowler, South Dakota Dept. of Wildlife
- 11:05 Saskatchewan – Ron Lind, Saskatchewan Ministry of Environment

- 11:15-11:30 National CWD Surveillance: Accomplishments and Needs
John Fischer, Southeast Wildlife Disease Cooperative
- 11:30-11:45 Temporal and Spatial Dynamics of Chronic Wasting Disease Epidemics
Mike Miller, Colorado Division of Wildlife
- 11:45-12:00 Chronic Wasting Disease Modeling in Wisconsin
John Cary, University of Wisconsin

12:00-1:00 LUNCH

SESSION III

CHRONIC WASTING DISEASE AND SCRAPIE IN FARMED HOOFSOCK

Moderator – Glen Zearth, North American Elk Breeders Association

- 1:00-1:40 Distribution and Status of Chronic Wasting Disease in Farmed Cervids
USA – Lynn Creekmore, USDA, APHIS, VS
Canada – Lynn Bates, Canadian Food Inspection Agency
- 1:40-2:00 Distribution and Status of Scrapie
Dianne Norden – USDA, APHIS, VS, CEAH

SESSION IV

DIAGNOSING CHRONIC WASTING DISEASE

Moderator – Mike Miller, Colorado Division of Wildlife

- 2:00-2:25 Diagnosis of Chronic Wasting Disease in Deer and Elk: An Overview
Katherine O'Rourke, USDA, ARS, Animal Disease Research Unit
- 2:25-2:35 Detecting Chronic Wasting Disease Infections in Live Animals
Lisa Wolfe, CDOW / NREL – CSU
- 2:35-2:55 Validation of Two Commercially Available BSE Rapid Screening Tests for Screening CWD in Brain and Lymphoid Tissues
Mo Salman, Colorado State University
- 2:55-3:10 BREAK
- 3:10-3:30 Mapping of Prion in Lymphoid Tissues in Deer and Elk
Terry Spraker, Colorado State University
- 3:30-3:50 Can TSE Diseases of Ruminants Be Distinguished Based on PrP-res Glycoform Profiles
Rick Race, USDHHS, NIH, RML
- 3:50-4:10 Production and Preliminary Characterization of Transgenic Mice for Studying CWD
Glenn Telling, University of Kentucky
- 4:10-4:30 Experimental CWD Infection and Bioassay in the Ferret
Ed Hoover, Colorado State University
- 4:30-5:00 Questions and Discussion on Diagnosis of Chronic Wasting Disease

HOSPITALITY RECEPTION, Crystal Ballroom, DoubleTree Hotel

Wednesday, 7 August 2002

SESSION V

ASSESSING THE POTENTIAL FOR INTERSPECIES TRANSMISSION

Moderator – Elizabeth Williams, University of Wyoming

8:00-8:25 Assessing Potential Interspecies Transmission of TSE Diseases at the
Molecular Level
 Greg Raymond, USDHHS, National Institutes of Health, NAID, Rocky
 Mountain Laboratories

8:30-8:45 Experimental Cross-species Transmission of CWD at NADC
 Amir Hamir, NADC, ARS, USDA

8:50-9:10 Is Chronic Wasting Disease Naturally Transmissible to Cattle?
 Elizabeth Williams, University of Wyoming

9:15-9:25 Potential Outcomes Following Cross-species Transmission of TSE
Agents
 Rick Race, USDHHS, NIH, RML

9:30-9:50 Susceptibility of HU-transgenic Mice to Chronic Wasting Disease and
Scrapie
 Patrick Bosque, University of Colorado Health Sciences Center

9:55-10:15 Molecular Epidemiology of Creutzfeldt-Jakob Disease in the U.S.
 Shu G. Chen, Case Western Reserve University

10:15-10:30 BREAK

10:30-10:50 Is Chronic Wasting Disease Transmissible to Humans?
 Ermias Belay, Center for Disease Control

10:55-11:10 Occurrence of Creutzfeldt-Jakob Disease in Colorado and Wyoming
 John Pape, Colorado Department of Health and Environment

11:10-11:30 Public Hunter Perspectives on Hunting in CWD Areas
 Gary Wolfe, Chronic Wasting Disease Alliance
 Dick Steele, Western Colorado Sportsmens Council

11:30-12:00 Panel Discussion: “Public Health Recommendations for Hunters in
Chronic Wasting Disease Endemic Areas”
 John Pape, Ermias Belay, Patrick Bosque, Gary Wolfe, Dick Steele

11:45-12:30 LUNCH

SESSION VI

MANAGING CHRONIC WASTING DISEASE IN FREE-RANGING CERVIDS

Moderator – Rick Kahn, Colorado Division of Wildlife

12:30-2:10	Policies and Strategies for Managing Chronic Wasting Disease (10 min each)
12:30	Colorado – Rick Kahn, Colorado Division of Wildlife
12:40	Wyoming – Tom Thorne, Wyoming Game and Fish Department
12:50	Nebraska – Bruce Morrison, Nebraska Game and Parks
1:00	Saskatchewan – Kevin Omoth, Saskatchewan Ministry of Environment
1:10	South Dakota – Ron Fowler, South Dakota Department of Wildlife
1:20	Wisconsin – Tom Hauge, Wisconsin Department of Natural Resources
1:30	Border State Perspective – Lloyd Fox, Kansas Department of Wildlife
1:40	Province Perspective – Margo Pybus, Alberta Fish and Wildlife Division
1:50	USDA Perspective – TBA
2:00	USDI Perspective – Steve Williams , USDI
2:10-2:30	Options and Considerations for the Disposal of Carcasses from CWD-infected Cervid Populations in Wisconsin Doris Olander, Wisconsin Department of Natural Resources
2:30-2:45	BREAK

2:45-3:00	Review of Chronic Wasting Disease Programs in Colorado
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Michael Samuel, USGS National Wildlife Health Center
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3:00-5:00	Public Perspectives on Chronic Wasting Disease Moderator – Len Carpenter, Wildlife Management Institute
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Panelists:

3:05	Valerius Geist, Professor Emeritus University of Calgary Charles Southwick (by Valerius Geist)
3:15	Glen Zebarth, North American Elk Breeders Association
3:25	Brian Murphy, Quality Deer Management Association
3:35	Steve Torbit, National Wildlife Federation
3:45	Jack Ward Thomas, Boone and Crockett, Professor of Wildlife Conservation, University of Montana, Chief Emeritus USFS

4:10	Chronic Wasting Disease – What the Future Holds Len Carpenter, Wildlife Management Institute
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Provincial Panel	4:30-5:00	Joint Discussion with State / Federal /
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5:00	WRAP-UP and ADJOURN
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