Activity Report from the Colorado/Wyoming/Nebraska ARPAS Chapter
Shawn Archibeque, PhD, PAS

- Colorado/Wyoming/Nebraska ARPAS Chapter Officer Names and Positions
  - President: Shawn Archibeque, Colorado State University
  - President Elect: Aaron Stalker, University of Nebraska
  - Treasurer: Bob Brown, Private Nutritionist

- Brief Overview of the Colorado/Wyoming/Nebraska ARPAS chapter activities for the year:
  - The Colorado/Wyoming/Nebraska ARPAS Chapter has traditionally held two Nutrition Roundtables each year (March and September). However, for the past two years, it was decided to forgo the spring meeting. The title for the Nutrition Roundtable held on September 9, 2011 was “Applied Nutritional Management in a Changing Feed Environment.” The speakers were: Dr. Dave Hutcherson, Emeritus Professor of Animal Science, Texas A&M University and President Animal-Agriculture Consulting, Inc., Mr. Steve Gabel, Magnum Feedyard, LLC, Wiggins, CO, Dr. Tony Knight, Professor of Veterinary Medicine, Colorado State University, Dr. John Wagner, Colorado State University, Dr. Jerry Volesky, Professor and Extension Range and Forage Specialist, University of Nebraska, North Platte, Mr. John Rakestraw, M. S. Agra Holdings, LP, and Dr. Mary Beth Hall, Research Animal Scientist U. S. Dairy Forage Research Center USDA – ARS, Madison, WI. For each Nutrition Roundtable, the presenters submit a proceedings paper and the proceedings papers are bound and given to the attendees at the beginning of each meeting. Attendees can also earn ARPAS CEU’s for attending each Nutrition Roundtable.
  - At the Chapter Business meeting in September, it was decided to forgo the Spring 2012 Roundtable due to dwindling attendance. The chapter voted to suspend the Roundtable for one additional year to help improve attendance. It was also decided to focus the Fall 2012 Roundtable on the activities of current members as an update of activities within the chapter.
  - During the September Nutrition Roundtables the Colorado/Wyoming/Nebraska ARPAS Chapter also hosts a graduate student poster competition in conjunction with the Roundtable. The graduate students are required to submit an abstract prior to the meeting and the posters are evaluated by academic faculty and industry representatives. During the evaluation, the poster presenter is questioned about the research and the poster is evaluated by the evaluation panel. At the end of the Nutrition Roundtable prizes are presented to the 1st, 2nd, and 3rd place winners. A complete history of the Nutrition Roundtables sponsored by the Colorado/Wyoming/Nebraska ARPAS Chapter is listed below.

### History of the Colorado Nutrition Roundtable

<table>
<thead>
<tr>
<th>Date</th>
<th>Theme</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>January 16, 1997</td>
<td>Assessing Mineral Status of Livestock</td>
<td>Cheryl Nockels, Colorado State University</td>
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<td>Dan Gould, Colorado State University</td>
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<td>Bruce Johnson, Zinpro Corporation</td>
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<tr>
<td>Date</td>
<td>Topic</td>
<td>Presenters</td>
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| September 25, 1997 | Nutrition and the Immune System of Cattle                           | Frank Blecha, Kansas State University  
Ken Odde, Pfizer Animal Health |
| March 26, 1998     | The Metabolizable Protein System for Cattle                        | Jack Whittier, Colorado State University  
Terry Klopfenstein, University of Nebraska  
Don Adams, University of Nebraska  
Tim Stanton, Colorado State University |
| September 24, 1998 | Applying the Revised Nutrient Requirements Of Beef Cattle         | Danny Fox, Cornell University  
Melody Grigsby, Brill Corporation  
Carl Alexander, Dalex Corporation  
David Lalman, Oklahoma State University |
| March 25, 1999     | Specialized Grains in Feeding Livestock                            | David Ames, Colorado State University  
Mitch Anderson, Agland  
Fred Owens, Optimum Quality Grains  
Steve Soderlund, Optimum Quality Grains  
Davy Brown Ruminant Nutrititionist  
Dave McClellen, Feedlot Consultant |
| September 23, 1999 | Whole Farm Nutrient Management from a Nutritional Perspective       | Tom Haren, Colorado Livestock Association  
Jessica Davis, Colorado State University  
Mike Galyean, Texas Tech University  
John Wagner, Continental Beef Research  
Lannis Smith - Panel, Midwest Feedlot Nutrition  
Bill Wailes - Panel, Colorado State University |
| March 23, 2000     | Supplementing Fats and Oils to Livestock                           | Dan Rule, University of Wyoming  
Ken Allen, Colorado State University  
Bret Hess, University of Wyoming  
Patrick Burns, Colorado State University  
Richard Zinn, University of California |
| September 28, 2000 | What is and is not possible from Mineral Nutrition?                | Burke Teichert, Deseret Ranches of WY and NE  
Terry Engle, Colorado State University  
Jerry Spears, North Carolina State University  
John Paterson, Montana State University  
Paul Siciliano, Colorado State University |
Bok Sowell, Montana State University  
Bud Williams, Benkelman, NE |
| September 27, 2001 | Issues and Standards for Having a Secure Food and Feed Supply in the United States | Richard Sellers, American Feed Ingredient Asso  
Bernie Rollin, Colorado State University  
Temple Grandin, Colorado State University  
Hussein Hussein, University of Nevada  
Warrie Means, University of Wyoming |
| March 28, 2002     | Nutrition, Growth Promotants and Antibiotics in Beef Production     | Art Raun, Eagles Nest Ranch, Elbert, CO  
Dan Carter - WY Grad Student  
Bill Platter - CO Grad Student  
Bill Baumgardt, ARPAS Executive Vice Pres  
Gary Sides, Intervet, Inc  
Pat Mulvehill, Irish Poultry Processors Asso  
Galen Erickson, University of Nebraska |
| September 26, 2002 | Components of Rumen Function and Dysfunction As they Relate to Beef Cattle Production | Clint Krebiel, Oklahoma State University  
Larry Berger, University of Illinois  
Fred Owens, Pioneer Hybrid International  
Ivan Rush - Panel, University of Nebraska |
<table>
<thead>
<tr>
<th>Date</th>
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<tr>
<td>March 27, 2003</td>
<td>Water as a Nutrient: Its Requirements, Metabolism, Opportunities, Challenges, and How Livestock Impact its Quality</td>
<td>Michael Murphy, University of Illinois, Pablo Loza - CO Grad Student, Trey Patterson, South Dakota State University, Kelly Lechtenburg, Midwest Feedlot Services, Timothy DelCurto, Oregon State University, Rick Hoelsch, University of Nebraska</td>
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<td>September 25, 2003</td>
<td>Nutritional Impacts on Marbling Deposition And the Implications of Early Weaning on Marbling and on Cow and Calf Performance</td>
<td>Dan Rule, University of Wyoming, Wade Small - WY Grad Student, Ivan Rush, University of Nebraska, Aaron Stalker, University of Nebraska, Harlow Hill, Maddux Ranches, Wauneta, NE, Bret Hess, University of Wyoming</td>
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<td>March 25, 2004</td>
<td>Starch Metabolism in Ruminants: Utilization And Application</td>
<td>Dave Harmon, University of Kentucky, Richard Zinn, University of California, Fred Owens, Pioneer Hybrid International, Sean Montgomery, Kansas State University, Davy Brown - Panel, Agland</td>
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<td>September 23, 2004</td>
<td>Supply Chain Management Systems</td>
<td>Kevin Murphy, Vance Publishing/Food Systems Insider, Mike Self, Swift and Company, Larry Corah, Certified Angus Beef, LLC, Reed Richardson, Texas Tech University</td>
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<td>March 24, 2005</td>
<td>Intrauterine Nutrition: Implications for Livestock Production</td>
<td>Gary Tibbetts, Zinpro Corporation, Steve Ford, Dr. Bret Hess, University of Wyoming, Joel Caton, North Dakota State University, Don Adams, University of Nebraska, George Seidel, Colorado State University</td>
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<td>September 22, 2005</td>
<td>Western Rangeland Management -- Implications for Livestock Production</td>
<td>Dick Diven, Agri-Concepts, Inc, Burke Teichert, Deseret Ranches, John Scanga, Colorado State University, Jim Coakley, Coleman Natural Foods</td>
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<td>September 26, 2006</td>
<td>Managing through high roughage costs: Feedyard and cow-calf prospectives</td>
<td>Dan Faulkner, University of Illinois, Monty Kerley, University of Missouri, Randy Stevenson, Owner/Operator of Double S Livestock in Wheatland, WY, Steve Paisley, University of Wyoming</td>
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<td>March 22, 2007</td>
<td>Managing through high corn costs: Cow-calf and feedyard prospectives</td>
<td>Rick Funston, University of Nebraska, Harvey Freety, USMARC, Daniel Loy, Iowa State University</td>
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<td>September 27, 2007</td>
<td>Natural Beef: Perceptions vs Realities Production vs. Problems and Possibilities; Science vs. Hype</td>
<td>John Scanga, University of Nebraska, John Lawrence, Iowa State University Beef Ctr, T. G. Nagaraja, Kansas State University, Michael Brown, West Texas A&amp;M University</td>
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March 27, 2008  Emerging Issues in the Feedyard Industry (Lamar, CO)  
Dr. Judson Vasconcelos, Texas Tech University  
Dr. Cal Ferrell, USDA-ARS-USMARC  
Dr. Andy Cole, USDA-ARS-CPRL  
Dr. John J. Wagner, Southeast Colorado Research Center  
Dr. Ivan Rush, University of Nebraska

Mr. Robert P. Martin, Executive Director of the Pew Commission on Industrial Farm Animal Production  
Dr. Jim Robb, Livestock Marketing Information Service, Denver CO  
Dr. Terry Klopfenstein, University of Nebraska  
Dr. Carol Lorenzen, University of Missouri

March 26, 2009  Emerging Opportunities in Cattle Feeding (Scottsbluff, NE)  
Dr. Jerry Spears, North Carolina State University  
Mr. Platt Price, University of Wyoming  
Dr. Terry Mader, University of Nebraska  
Dr. Judson Vasconcelos, University of Nebraska  
Dr. Scott Lake, University of Wyoming

September 24, 2009  Interactions of Nutrition and Reproduction In Beef Cattle  
Dr. Jason Ahola, Colorado State University  
Dr. Andrea Cupp, University of Nebraska  
Dr. Andy Roberts, USDA-ARS, Ft. Keogh, Miles City, MT  
Dr. Jack Whittier, Colorado State University

March 25, 2010  Efficiency Opportunities in Producing Meat Products  
Dr. Denny Crews, Colorado State University  
Dr. Gordon Carstens, Texas A&M University  
Dr. Harvey Freetly, USDA-ARS USMARC, Clay Center, NE  
Dr. Thomas Elam, Center for Global Food Issues

September 16, 2010  Carbon Balancing Acts: Green Cows And Carbon Footprints  
Dr. Stephen Ogle, NREL, Colorado State University  
Dr. John Ritten, University of Wyoming  
Dr. Roger Cady, Elanco, Senior Technical Consultant  
Mr. Bryan Weech, Director of Livestock Programs, World Wildlife Fund  
Mr. John Saunders, IMI Global  
Dr. Kee Jim; Feedlot Health Mgmt Services, Ltd, Okotoks, Alberta  
Dr. Jason Ahola, Animal Sciences, Colorado State University

September 9, 2011  Applied Nutritional Management in A Changing Feed Environment  
Dr. Dave Hutcheson, Animal Ag Consulting Inc.  
Mr. Steve Gabel, Magnum Feedyard LLC  
Dr. Anthony Knight, Colorado State University  
Dr. John Wagner, Colorado State University  
Dr. Jerry Valesky, University of Nebraska  
Mr. John Rakestraw, AgraHoldings, LP  
Dr. Mary Beth Hall, USDA ARS