



# Rangeland News

October 2006  
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**Deadline for the November 2006 SRM Rangeland News**

Remember to get your position announcements, columns, section announcements, agency information, etc. in by the 15<sup>th</sup> of October for the November issue of the newsletter. Send to Patty Rich at [prich@rangelands.org](mailto:prich@rangelands.org)

## SRM Membership and Lifelong Learning By Jeff Mosley, SRM Director

*“What is really important is what you learn after thinking you know it all”*  
—Waite Phillips, rancher, conservationist, and businessman

Early in my undergraduate education at Montana State University, professors Don Ryerson and Gene Payne strongly encouraged me to join SRM. These gentlemen explained that membership in my discipline’s professional organization was one way for me to demonstrate my love for rangeland and my commitment to its careful stewardship. I followed Drs. Ryerson and Payne’s advice and have since maintained my membership in SRM for the past 27 years. Paying my dues for all of these years (in dollars, that is) has supported SRM in its mission to help people (members and others) learn more about rangelands and how to manage them. Continuing to pay my SRM dues in the future, even when faced with inevitable dues increases, I believe remains one of the best ways that I can demonstrate my unwavering commitment to rangeland.

What else does my professional commitment demand? In addition to SRM membership, what more is needed? I believe another important requirement is for all of us to be lifelong learners. We need to keep our minds open and inquisitive, always keeping ourselves abreast of new insights and new scientific information. Otherwise we become prisoners of the past and out of date, wed to concepts and ideas that may have since been amended or proven inaccurate. This is inexcusable as we face the challenges of the 21<sup>st</sup> century. More than ever before, range management in today’s world must be firmly grounded in the best available science and experience.

How can we learn about better ways to care for rangeland? I believe learning can occur through either: a) trial and error, b) reading, or 3) association with smarter people. Learning by doing (i.e., trial and error) may be the most effective teacher, but it is certainly not the most efficient. Reliance solely on trial and error learning makes us vulnerable to needlessly repeating the mistakes of others, perhaps injuring the land in the process, and perhaps never discovering better ways to do things. So we’re left trying to learn through either reading or association with smarter people, and fortunately SRM can help with both. SRM journals and other publications discuss current issues and convey the latest in scientific research and on-the-ground knowledge. All we need to do is read them. SRM meetings, workshops, and tours provide us the opportunity to glean knowledge and experience from other people who are willing to share their successes and discuss their challenges. All we need to do is attend and participate.

And so we’ve come full circle. Drs. Ryerson and Payne were right—actively participating in SRM is a great way to fulfill our commitment to rangelands and their management. SRM members should feel proud that our membership

dues and our participation enable SRM to make a positive difference, in the classroom and laboratory, with policy-makers, and on the land. We should feel proud that SRM is doing an outstanding job fulfilling its primary mission, helping us and others learn more about rangelands and how to care for them.

In closing, I hope each of you will be able to participate in your section's next meeting and the upcoming SRM Annual Meeting in Reno. Attend, participate, learn some new knowledge, and refresh some old. See some old friends and make new ones, too. Recharge your batteries and reinvigorate your dedication to range management. I look forward to seeing you there.

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## Lost Resources

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**Arthur J. Armbrust**, 70, passed away on Monday, August 27, 2006 in Hutchinson, Kansas.

Culminating a career in the seed industry spanning forty-five years, Art retired from Sharp Bros. Seed Company, Healy, Kansas on June 30, 2003. Art enjoyed involvement in many board activities including being president of the American Seed Trade Association where he received their "honorary lifetime membership" award. Having served as president of the Kansas Seed Industry, he received their "Year 2000 Distinguished Service Award". He also served as president of the Western Seedmen's Association.

Art served as president of the Kansas/Oklahoma Section of the Society for Range Management, and as chairman of the national membership and finance committees for the society. In 1996 he was presented with the prestigious "Fellow" award. Art had been a member of the society since 1974.

Art was a graduate from Kansas State University, Manhattan, Kansas and a US Army veteran.

Survivors include wife Barbara, 401 Sunnysdale Circle, Hutchinson, Kansas; son David, Hutchinson, and daughter Cheri Rodriguez and four grandchildren. Art also had one brother and one sister.

Memorials may be sent to the Ellsworth Lutheran Church, Kansas State University, or the Parkinson Disease Association.

**Charles Clement**, South Dakota Section member since 1980 has recently passed away. His mailing address was 18895 340th Ave., Highmore, South Dakota, 57345-5301.

### *SRM Rangeland News*

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# SRM 60<sup>th</sup> ANNUAL MEETING MANAGED RANGELANDS: TRADITIONS AND TRANSITIONS



February 9-16, 2007

*Proven Results for Producers and Managers*

If you are a producer who wants to increase profitability, a public land steward seeking to better manage resources, or if you are involved in any way with improving rangelands for ecological, economic and social values, then the *Livestock/Landscape Interactions* symposium in Reno is for you. The session will be moderated by **Dr. Fred Provenza** of Utah State University, internationally recognized for his ongoing work in plant-herbivore interactions and animal behavior. Dr. Provenza will set the stage for the talks and moderate the session, taking questions at the end with the panel. **Kit Pharo**, owner of Pharo Cattle Company in eastern Colorado will kickoff by discussing the three keys to making ranching enjoyable and profitable – grazing management, matching forage needs to availability, and selecting for locally adapted cattle. **Jim Gerrish**, author of *Management-intensive Grazing: The Grassroots of Grass Farming*, will elaborate on grazing management based on his experience as a pasture specialist at the University of Missouri and his current work as a consultant with American GrazingLands Services in Idaho. **John Haskell** of Diamond J Resources will discuss how grazing by cattle is being used to rejuvenate winter range for mule deer and elk and control weeds at the Hardware Ranch in Utah. **Ken Conley** will conclude by bringing it home to the Great Basin with his experience as manager of the University of Nevada-Reno Gund Ranch in central Nevada. Ken has implemented many of the practices discussed by these speakers, including later calving dates and swathing hay for winter feed while still grazing BLM and USFS permits.

Although these ideas are not new, and in many ways they are “back to nature” in their emphasis, they need to be carefully and collectively re-examined with multiple, specific objectives in mind in this time of exploding noxious weed populations, massive fire rehabilitation efforts, and the on-going necessity of both economically viable ranching operations and effective public land management to improve and sustain the condition of our rangeland resources. Only when all the diverse peoples involved work together can we hope to manage rangelands sustainably. The Society for Range Management can bring these groups together, and this *Livestock/Landscape Interactions* symposium can put them all on the same page. Tell your producer friends, there will be much at the 2007 Reno meeting of interest to them. For all those involved with public lands, this is a perspective that gives results on the ground. This is just one of many timely and important discussions the Nevada Section will offer in Reno. We look forward to seeing you there.

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## Silent Auction

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The silent auction has been a feature of every SRM Annual Meeting, with two exceptions, since 1998. The most recent exception was Vancouver 2006, but the auction is poised to return for Reno 2007. Did you know that in every previous silent auction there have been items sold for as little as a dollar, as well as items going for several hundred dollars and everything in between? In other words, something for everybody. So set your hats for Reno 2007 because it figures to be the same—something that everybody can support in benefit of the SRM Endowment Fund!

The auction actually begins in the several months preceding the event with donations or contributions of items or services offered for bid. Yes, YOU can help the auction NOW by doing exactly that: find or arrange for goods or services to include in the auction. Then make the arrangements for the how and when of their arrival in Reno with Stan Tixier, Auction Chair. He can be reached by phone at 801-745-4121, or by email at [edenutstix@netutah.net](mailto:edenutstix@netutah.net). You can even write him at Eden (its a small place). But however you choose to do so, do it now! The auction needs you!

Come one, come all, to this special feature of the Annual Meeting, which in its very purpose and operation, is of direct benefit to the SRM Endowment Fund!!!—**Kendall Johnson**, Chair, Endowment Fund BoG

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## New Mexico's 7<sup>th</sup> Annual High School Youth Forum

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High School students have a chance to participate in the New Mexico Section sponsored HIGH SCHOOL YOUTH FORUM paper presentation contest to be held on NOVEMBER 2, 2006, 9:00 AM, at the Bernalillo County Extension office in Albuquerque, New Mexico.

The paper presentation consists of each participant preparing and giving a 6-8 minute presentation based on some aspect of "RANGE MANAGEMENT". Topics for this session have been very diverse, but always exhibit quality. Student papers can address any aspect of range management; literature reviews, opinion papers or original research. Use of visual aids is strongly encouraged and may include posters, overheads, slides, or multi-media presentation software.

The 1<sup>st</sup> and 2<sup>nd</sup> place winners in the New Mexico contest will be awarded plaques and a scholarship, provided by the New Mexico SRM Section and the New Mexico Farm and Livestock Bureau. This scholarship is to defray costs to compete and participate in the International High School Youth Forum at the 2007 International SRM meeting in Reno, Nevada, February 11-16, 2007. The 1<sup>st</sup> and 2<sup>nd</sup> place winners will present their talks at the New Mexico section SRM winter meeting in January, 2007 where they will be awarded their prizes.

Brochures available from David Graham, NMSRM, NRCS Offices, Vo. Ag. Teachers, and County Extension Offices through out the State.

TO ENTER: The student must be currently enrolled in High School, grades 9 through 12. Submit papers to David Graham, 670 Kennedy Road, Des Moines NM 88418.

DEADLINE FOR PAPERS: OCTOBER 25, 2006.

Questions should be directed to David Graham at the above address or phone: 505-374-7884

Additional information is also available at: <http://nmsrm.nmsu.edu>

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## Reminder! Special Inventory Reduction of SRM Publications and Videos

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SRM is liquidating its inventory of the following publications at dramatically reduced pricing. Shipping & handling charges will still apply. Contact Mary Moser at 303-986-3309 or via email at [mmoser@rangelands.org](mailto:mmoser@rangelands.org) to order & for shipping costs.

<b>Charley Chick Chicken</b> <i>A history of mustangs on the Arizona Strip</i>	<b>\$5.00</b>	<b>Rangeland Wildlife</b> <i>A comprehensive treatise of rangeland wildlife, their habitat and their interactions with domestic livestock in the U.S.</i>	<b>\$15.00</b>
<b>Tall Texas Tales</b> <i>A collection of short stories by James Brunner</i>	<b>\$2.00</b>		
<b>Ecological Implications of Livestock Herbivory in the West</b> <i>The most comprehensive and definitive reference every produced on the impacts of grazing in the Western U.S</i>	<b>\$10.00</b>	<b>The Jornada Experimental Range.</b> <i>Story of the lands in the Jornada Experimental Range during the past 125 years</i>	<b>\$5.00</b>
<b>Fences</b> <i>Describes components and uses of fences &amp; gates and their advantages and disadvantages.</i>	<b>\$5.00</b>	<b>When the Grass Stood Stirrup-high: Facts, Photographs and Myths of West-Central Colorado</b> <i>Excerpts of documents written in the 1700's by Spanish explorers, 1800's by U.S. Military expeditions, and American scientific surveys.</i>	<b>\$18.50</b>

As well, titles in the SRM Video Library will be completely liquidated. If you would like any of the videos (VHS format) in the library, they are free of charge, however, shipping charges will apply. The complete listing of videos is available at [http://www.rangelands.org/education\\_video.shtml](http://www.rangelands.org/education_video.shtml). To order, contact Vicky Skiff at 303-986-3309 or email [vskiff@rangelands.org](mailto:vskiff@rangelands.org).

# St. Louis to Host Grazing Lands, Gateway to Success

*Third National Conference on Grazing Lands set for Dec. 10-13 in St. Louis, Missouri*

Nearly 2,000 people with an interest in grazing are expected to meet in St. Louis, Missouri, December 10-13, 2006 for the Third National Conference on Grazing Lands. The conference is hosted by the Grazing Lands Conservation Initiative (GLCI) along with the Society for Range Management.

The event is expected to provide a forum for exchange of information, an opportunity to identify grazing land research and program needs, and a chance to see new products and learn about new services at the special trade show.

Highlighting the event will be presentations about grazing management from a variety of sources, including farmers, ranchers, and representatives of universities and agricultural agencies. Technical assistance will be emphasized. The conference also should heighten public awareness of the economic and environmental aspects of grazing lands.

Invited speakers include US Secretary of Agriculture Mike Johanns and former US Secretary of Interior Gale Norton.

Presentations will focus on: building partnerships between agricultural, grazing and urban communities; successful cutting-edge management technologies for grazing practices; economic, marketing and public policy implications of grazing; and optimizing grazing land health for environmental and social benefits.

The conference registration fee prior to November 1 is \$230, thereafter it is \$270. This includes admission to all plenary and concurrent sessions, receptions, Monday luncheon, three continental breakfasts and the Tuesday evening banquet.

Hotel headquarters is the Renaissance Grand Hotel and America's Center, 800 Washington Ave., St. Louis. A special \$98 rate has been secured for reservations made prior to November 16. For hotel reservations call 800-397-1282 and mention the Grazing Lands Conference.

For more information about the conference, including registration information, visit <http://www.glci.org> and click on the "Grazing Conference" link.



## **Call for Special Sessions and Symposia Joint 2008 Annual Meetings Society For Range Management and American Forage and Grassland Council**

January 27-31, 2008  
Louisville, Kentucky

The Society For Range Management (SRM) and American Forage and Grassland Council (AFGC) will be having a joint meeting at the legendary Galt House in downtown Louisville, Kentucky. The meeting theme is "Building Bridges: Grasslands to Rangelands." Symposia and other special sessions are increasingly popular, and are a good method to present interdisciplinary research and solutions important to our two professional societies.

The SRM-AFGC Program Committee invites proposals for symposia, special poster or technical sessions, workshops, and forums. The deadline for proposals is March 2, 2007 to insure proper planning for time and space in the joint program.

For more information, please contact either of the two program co-chairs:

SRM: Raymond Hunt; USDA-ARS-HRSL; Building 007, Room 104, BARC-West; 10300 Baltimore Avenue; Beltsville, MD 20705; Phone: 301-504-5278; Fax: 301-504-8931; Email: [erhunt@hydrolab.arsusda.gov](mailto:erhunt@hydrolab.arsusda.gov);

AFGC: Garry Lacefield; University of Kentucky Research and Education Center; 1205 Hopkinsville Street; P.O. Box 469; Princeton, KY 42445; Phone: 270-365-7541, ex 202; Fax: 270-365-2667; Email: [glacefie@uky.edu](mailto:glacefie@uky.edu)

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## Fecal Near Infra-red Spectroscopy for Monitoring Rangeland Herbivores

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A half-day symposium addressing near infra-red spectroscopy of feces (Fecal NIRS) as a technology to monitor the nutrition and physiology of rangeland herbivores has been scheduled during the 60<sup>th</sup> Annual Meeting of the Society for Range Management in Reno Nevada, February 10-16, 2007. The symposium is being dedicated to the late Dr Jerry Stuth of Texas A&M University who was instrumental in fostering the development of Fecal NIRS. Mr. Wayne Hamilton of the Texas A&M Department of Rangeland Ecology and Management will open the session with a presentation on Dr. Stuth's distinguished career. Co-chaired by Dr. John Walker, Professor and Resident Director of the Texas Agricultural Research and Extension Center in San Angelo, and Mr. Doug Tolleson, Director of the Grazingland Animal Nutrition Lab in College Station, this session will offer attendees the opportunity to hear a panel of US and international scientists presenting the current state of knowledge about this technology. The list of speakers and topics is scheduled to include:

**Dr. Sam Coleman**, Research Leader, Sub-Tropical Agricultural Research Station, USDA-ARS, Brooksville, FL. "*Historic overview of development of fecal NIRS*"

**Dr. Bob Lyons**, Professor and Extension Range Specialist, Texas Agricultural Research and Extension Center, Uvalde, TX. "*Fecal NIRS for predicting diet quality*"

**Dr. David Coates**, Research Scientist, CSIRO Sustainable Ecosystems, Townsville, Queensland, Australia. "*Fecal NIRS calibration development and validation for forage and supplement fed cattle: the northern Australian experience*"

**Dr. Yan Landau**, Research Scientist, Agricultural Research Organization, Department of Natural Resources Bet Dagan, Israel. "*Fecal NIRS calibration with bite counts*"

**Dr. Dave Hopkins**, NIR Consultant, Battle Creek, MI. "*Statistical Evaluation of Fecal NIRS Calibrations*"

Additionally, Dr. Walker will discuss "Predicting botanical composition of diets with fecal NIRS" and Mr. Tolleson will review the "*Range of parameters predicted with fecal NIRS*".

Those interested in obtaining additional information on the symposium may do so by contacting either Dr. Walker at ([jw-walker@tamu.edu](mailto:jw-walker@tamu.edu)) or Mr. Tolleson at ([tolleson@cnrit.tamu.edu](mailto:tolleson@cnrit.tamu.edu)).

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## Natural Values: Linking the Environment to the Economy— a Fact Sheet Series by Ducks Unlimited Canada

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Members and friends of SRM are well aware that properly functioning rangeland has tremendous worth. After all, the home page on our web site states: "They are extremely important to society for the goods and services they produce and for the ecological services they provide." We are often asked to put a monetary value on the goods and services provided by rangelands. Ducks Unlimited Canada has developed a series of fact sheets called Natural Values: Linking the Environment to the Economy that offers answers. They are excellent quality, attractive and easy to understand. I am sure fellow members of SRM would find them interesting and useful. Check them out on the Ducks Unlimited Canada web site.

Dr. Henry R. Murkin, Director of Conservation Programs for Ducks Unlimited Canada provided us the following background:

Our health and quality of life depend on natural systems. However, Canada's natural lands are continually lost and converted to human uses such as urban development and industry. This loss occurs in part because the value of the goods and services provided by natural areas are not precisely known, despite the fact that recent studies suggest that their economic value far exceeds any gains made from their conversion.

To improve the understanding of the environmental and economic values of our natural lands, Ducks Unlimited Canada has developed a series of fact sheets titled Natural Values: Linking the Environment to the Economy. Fact sheet topics include the concepts of natural capital and ecological goods and services (EG&S), the environmental and economic values of specific ecosystems and their components, the unique goods and services provided by the different regions of Canada, and the role that Canadian policy plays in the conservation of our natural areas.

To view the fact sheets in this series please visit: [http://www.ducks.ca/conserves/wetland\\_values/conserves.html](http://www.ducks.ca/conserves/wetland_values/conserves.html). Please send your comments and questions to [naturalvalues@ducks.ca](mailto:naturalvalues@ducks.ca).

**University of Wyoming**  
**Sustainable Agriculture Research and**  
**Extension Center (SAREC)**  
**Research Director-Systems Analyst**

The University of Wyoming invites applications for the position of Research Director-Systems Analyst at the Sustainable Agriculture Research and Extension Center (SAREC) in southeast Wyoming near Lingle. The faculty appointment will be split 70% research and 30% extension at the Associate or Full professor level with administrative responsibilities. The successful candidate will be responsible for oversight and implementation of applied research at SAREC, seeking funding for center activities, dissemination of research findings, and assisting UW faculty with conceptualizing, conducting, and analyzing research on sustainable crop and livestock systems. The incumbent will report to the University Agricultural Experiment Station Director, and will have an academic home in a College of Agriculture department commensurate with credentials and experience. Required qualifications include: an earned PhD degree from an accredited institution; a background in agricultural economics, animal science, plant science, range science, or a closely related field; a demonstrated track record of obtaining external funding, especially USDA grants; possess a publication record indicating proficiency for applied research and publication of results in refereed journals and outreach publications; and possess empirical and conceptual modeling expertise necessary to holistically evaluate research results for alternative agriculture production practices and investigation into tradeoffs between alternative crop and livestock production practices. Preferred qualifications include: demonstrated experience with High Plains or Intermountain agricultural production systems; demonstrated experience in systems research and an understanding of the integrated nature of production agriculture; demonstrated proficiency in conducting effective extension education programs; and demonstrated record of collaboration with diverse groups and individuals. Salary will be competitive and commensurate with professional education, experience, and demonstrated abilities. Individuals interested in applying are encouraged to visit

<http://uwadmnweb.uwyo.edu/uwexpstn/SAREC/SAREC.htm>

to become more familiar with SAREC. Detailed information about the Research Director's responsibilities can be viewed by clicking on the link under Personnel Search. In addition to a statement of interest, curriculum vita, and list of three (3) professional references with complete contact information, applicants must submit a 3-page statement outlining 1) their vision for a Research & Extension Center and how it may address important factors/issues pertaining to Sustainable Agriculture" and 2) their research experience and philosophy in Systems Analysis. Complete application packets should be sent to Bret Hess via e-mail: [brethess@uwyo.edu](mailto:brethess@uwyo.edu), fax: 307-766-2355, or mail: University of Wyoming, Department 38684, 1000 E. University Ave., Laramie, WY 82071. Review of application materials will begin on December 15, 2006, and will continue until an acceptable candidate is identified. Persons seeking admission, employment or access to programs of the University of Wyoming shall be considered without regard to race, color, national origin, sex, age, religion, political belief, disability, veteran status or sexual orientation.

**Human Resources**  
**Job Announcement**

The University of Arizona Cooperative Extension is seeking an Area Extension Agent in Natural Resources to be located in Flagstaff, Arizona and serve a multi-county position. Masters degree in appropriate field and two years experience required. For complete job description, qualifications, and application process go to University of Arizona website at [www.UACareerTrack.com/hr](http://www.UACareerTrack.com/hr) and refer to number #36113. Review of materials begins October 23, 2006 and continues until the position is filled. The University of Arizona is an EEO/AA Employer.

**Forage and Cattle Manager**

Manage range, forage resources, and personnel to support animal production and research activity at the USMARC facility located at Clay Center, NE. USMARC is a USDA research facility, making major contributions toward solving problems facing the US livestock industry. Bachelor's in Animal Science or equivalent experience plus five years of rangeland grazing and pasture management experience that included making grazing decisions for large viable operation, and beef production experience required. Knowledge of rotational grazing, drought mitigation, range ecosystems, beef nutrition, and herd health is essential. Valid Driver's License required. Master's in Range Management or relevant related field plus 3 years of the required experience and knowledge of beef reproductive physiology, bull evaluation, beef genetics, crop production systems, budget development and statistical analysis preferred. Excellent benefits including staff/dependent scholarship program. Apply at: <http://employment.unl.edu> (Req. #060778). UNL is committed to EEO/AA and ADA/504. If you require an accommodation, please call Terry Madson at 402-762-4151.

## POSITION ANNOUNCEMENT

**Position # 0676:** Extension Range Specialist in the Department of Renewable Resources, Cooperative Extension Service and College of Agriculture, University of Wyoming . (<http://uwadmnweb.uwyo.edu/UWRENEWABLE/>). **Level and Salary:** Assistant or Associate University Extension Educator; Academic Professional; full time; initial 6-year probationary appointment, followed by eligibility for 6-year extended-term appointments. **Actual salary** competitive and commensurate with experience and qualifications. **This is a 100% Extension appointment.**

**Work Location:** Statewide extension responsibilities; the office will be in centrally located Lander, Wyoming, nestled against the foothills of the Wind River Mountains on the banks of the Popo Agie River. There will be periods of extensive travel throughout the state, emanating from the central location of the Lander office.

**Duties & Responsibilities:** Lead the strategic development, coordination, participation, implementation and evaluation of education programs in range management and closely related natural resource issues relevant to Wyoming clientele. Develop and maintain productive relationships with citizens in rural and urban settings by providing balanced resource information. Collaborate with city, county, state, and federal agencies and non-governmental organizations related to management of public and private rangelands. Provide educational programming for Extension Educators and adult and youth clientele as requested regarding sound rangeland management practices and emerging natural resource issues and public policy. Coordinate and assist in scheduling extension educational efforts of University of Wyoming faculty.

**Minimum Requirements:** An MS in Range Management or closely related discipline. Enthusiasm for extension education **and understanding of the land grant mission.** Ability to relate to clientele and coordinate various sources of expertise that can work in complimentary fashions to enhance education opportunities regarding rangeland management. Demonstrated knowledge of current range science research and applications and the land management issues pertinent to this region. Excellent written and oral communication and education skills, including ability to develop web-based education technologies, and application of group facilitation processes.

**Preferred Qualifications: Ph.D. in Range Management.** Experience in extension education, particularly in conducting training for public land managers and users. Demonstrated knowledge of public land agency procedures and processes regarding grazing permittees and other users. Familiarity with GIS processes and applications.

**Applications:** Please send letter of application with statement of interest, resume, transcripts of all university training (facsimiles acceptable) and have three confidential letters of reference sent to Michael A. Smith, Department of Renewable Resources. Sent hard copy/electronic application materials to:

Mailing address: Michael A. Smith, Department of Renewable Resources, Dept. 3354, 1000 E. Univ. St., Laramie, WY 82071-3354 USA

Shipping address: 16th and Gibbon Streets, University of Wyoming, Laramie WY 82071-3354 USA  
(attn: Michael A. Smith, Renewable Resources Dept.)

E-mail address: [pearl@uwyo.edu](mailto:pearl@uwyo.edu)

Fax: 307-766-6403

Phone: 307-766-2337

Screening of applications will begin on 15 November and continue until a suitable applicant is found. We expect to make the appointment effective as soon as practical in 2007.

The University of Wyoming is an Equal Employment Opportunity/AffirmativeAction Employer

## Range Management Outreach Coordinator Brookings, South Dakota

**Range Management Outreach Coordinator**, Department of Animal and Range Sciences, South Dakota State University, Brookings, SD. Full-time position (65% extension, 35% research) in support of extension and research in rangeland management and range livestock production. Serve as South Dakota Cooperative Extension liaison to South Dakota Grasslands Coalition, NRCS and grassland programs of wildlife organizations and agencies in South Dakota, including assembly and distribution of newsletter and development/maintenance of website for the Grasslands Coalition. Incumbent will be expected to assist state-wide range extension programming, range education programs for youth, annual South Dakota Grazing School. Develop, coordinate and maintain extension education materials related to range management and range livestock production. Qualifications include an earned B.S. degree completed by appointment date in Range Science, Animal Science or closely related field with emphasis in range management or range livestock production. Knowledge of range management, including plant identification skill, required. Deadline: December 1, 2006. To apply, visit <http://YourFuture.sdbor.edu>, search for the position, and follow electronic application process. For questions on the position, contact Dr. Cody Wright at (605) 688-5448. SDSU is an AA/EEO employer.



## Section Affiliation

SRM members **MUST** choose a Section affiliation. Section affiliation is determined by geographical region however members may be affiliated with any and as many Sections as desired upon payment of additional Section dues. See paragraph below for Section Descriptions. **Primary Section Affiliation:** Check the first box. **Additional Section Affiliation:** Check the second box - as many as you would like - \$5 each

- |   |  |  |                                      |
|---|--|--|--------------------------------------|
| <input type="checkbox"/> Arizona            | <input type="checkbox"/> Kansas        | <input type="checkbox"/> North Central         | <input type="checkbox"/> Texas       |
| <input type="checkbox"/> California-Pacific | <input type="checkbox"/> Mexico        | <input type="checkbox"/> Northern Great Plains | <input type="checkbox"/> Utah        |
| <input type="checkbox"/> Colorado           | <input type="checkbox"/> Nat'l Capital | <input type="checkbox"/> Oklahoma              | <input type="checkbox"/> Wyoming     |
| <input type="checkbox"/> Florida            | <input type="checkbox"/> Nebraska      | <input type="checkbox"/> Pacific Northwest     | <input type="checkbox"/> Unsectioned |
| <input type="checkbox"/> Idaho              | <input type="checkbox"/> Nevada        | <input type="checkbox"/> South Dakota          |                                      |
| <input type="checkbox"/> Int'l Mountain     | <input type="checkbox"/> New Mexico    | <input type="checkbox"/> Southern              |                                      |

## Optional Subscriptions

Members receive six issues of *Rangelands* (via postal mail) and 12 issues of *Rangeland News* (electronic delivery only via email) with your paid membership. Members may opt to receive 6 issues of *Rangeland Ecology and Management* for \$40 per year.  **I would like to receive the *Rangeland Ecology and Management***

## Optional Contributions

By supporting any of the special funds listed below, you can help ensure a strong, continuing future for the Society and the beliefs we all share and hold dear.

### Endowment Fund:

\$5  \$10  \$25  \$50  \$75 Other \$ \_\_\_\_\_ **Int'l Membership:** \$25 Other \_\_\_\_\_

### Masonic Range Scholarship:

\$5  \$10  \$25  \$50  \$75  \$100  \$500  \$1000  Other \$ \_\_\_\_\_

**Sustaining Membership:**  \$50 contribution in addition to dues **\$1 per year of Membership:** \$ \_\_\_\_\_

## Payment Options

Payment must be made in U.S. funds drawn on a U.S. bank. Please make checks/money orders payable to:

**Society for Range Management**

Dues	\$ _____
Optional Subscriptions	\$ _____
Optional Contributions	\$ _____
Total Amount Enclosed	\$ _____

Check Enclosed  
 Visa  Discover  MasterCard  American Express  
Name on Credit Card: \_\_\_\_\_  
Credit Card Number: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

## Membership Classification: (Dues Schedule as of January 1, 2006)

**Regular** – Basic individual membership includes *Rangelands* and the *Member Resource News*, voting privileges, committee service, and nomination & election to any office. Dues: \$85 (all Sections except Mexico/Unsectioned); \$80 (Mexico/Unsectioned)

**Additional Family** – Individuals of same household desiring more than one Regular membership. Families receive only one set of publications, but each member retains all rights & privileges of Regular member. Dues: \$35 (each additional - all Sections except Mexico/Unsectioned); \$30 (each additional - Mexico/Unsectioned)

**Student** – Full-time students (high school through graduate school). Not eligible to hold office. Must succeed to different class of membership in the calendar year following termination of course of study. Dues: \$35 (all Sections except Mexico/Unsectioned); \$30 (Mexico/Unsectioned)

**Life** – Same as Regular with one-time dues payment. Dues: \$1,500 (Call SRM office for installment plan option)

**Life Family** – Individuals of same family desiring more than one Life membership. Dues: \$1,750 (Call SRM office for installment plan option)

**Commercial** – Businesses, proprietorships, individuals or other entities organized for profit. Must designate a representative. Listed in Society publications. Dues: \$525 (all Sections except Mexico/Unsectioned); \$500 (Mexico/Unsectioned)

**Institutional** – Institutions or other entities not organized for profit (i.e. Federal agencies, livestock organizations, Indian tribes, universities). Membership is in institution's name with a designated representative. Not eligible to hold office. Listed in Society publications. Dues: \$205 (all Sections except Mexico/Unsectioned); \$200 (Mexico/Unsectioned)

## Sections

**Arizona; California-Pacific** – California, Hawaii, and all the lands in the Pacific not currently associated with the following: Mexico and Pacific Northwest Sections of SRM, the state of Alaska, Australia; **Colorado; Florida; Idaho, International Mountain** – Alberta, Western Montana; **Kansas; Mexico; National Capital** – Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia; **Nebraska; Nevada; New Mexico; North Central** – Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, Ontario, Quebec, Wisconsin; **Northern Great Plains** – Eastern Montana, Manitoba, North Dakota, Saskatchewan; **Oklahoma; Pacific Northwest** – British Columbia, Oregon, Washington; **South Dakota; Southern** – Alabama, Arkansas, Georgia, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, South Carolina, Tennessee; **Texas; Utah; Wyoming; Unsectioned** – Alaska, Mexico, Puerto Rico, & all other foreign countries

## Graduate Assistantships in Desert/Landscape Ecology, New Mexico

Four graduate research assistantships will be available starting in January 2007 (M.S./Ph. D). Students will work on projects examining the linkages between spatial patterning and ecosystem processes at the Jornada Basin LTER site (<http://jornada-www.nmsu.edu>) in southern New Mexico. The linkages may involve vegetation/soils, human/natural systems, and biodiversity/ecosystem functions. Students will define an independent thesis project related to these topics and collaborate with a team of LTER researchers and with other LTER-associated graduate students. This is an excellent opportunity for students interested in landscape ecology, desert ecology, transdisciplinary collaboration, the interface of human and natural systems, and the Long-Term Ecological Research Program.

The positions are based at New Mexico State University in Las Cruces (Biology, Plant and Environmental Sciences, Agricultural Economics departments). NMSU and the USDA Jornada Experimental Range offer an expanding array of transdisciplinary research and education opportunities. The Jornada LTER group features true collaboration among social scientists, organismal and community ecologists, rangeland and ecosystem scientists, land managers, soil and climate scientists, and physical scientists from several universities in the U.S. and United Kingdom. The Jornada Basin has been studied for over 125 years and is among the oldest and most influential research areas in the U.S. With its disciplinary breadth, integration, and strong links to local and national policymaking, NMSU/Jornada is a leader in the application of basic ecology and ecosystem science.

Applications will be accepted until 31 October 2006. Applicants should include 1) a statement of goals, 2) a CV with copies of transcripts and GRE scores, and 3) names and contact information for 3-5 recommenders. Applications and information requests should be directed to Debra Peters ([debepeter@nmsu.edu](mailto:debepeter@nmsu.edu)), Jornada Basin LTER, MSC 3JER, Box 30003, New Mexico State University, Las Cruces, NM, 88003.

The Nature Conservancy of Wyoming seeks a Conservation Stewardship Director. BA/BS degree and 7-10 years experience in conservation practice or equivalent combination of education and experience. Oversees all aspects of conservation stewardship for the Chapter, including oversight of the Chapter's preserves and ranches. The CSD supplies technical and program support to Conservancy field operations regarding tools and approaches to abate threats to natural systems such as invasive species, altered fire regimes, and inappropriate grazing. The CSD serves as the principle contact to government agencies, other conservation organizations, foundations and the academic community regarding land and water management and restoration issues. The position will be based in Lander, WY (preferred) and will report to the Wyoming State Director. Please email letter of interest and resume to [pplatt@tnc.org](mailto:pplatt@tnc.org) no later than October 13<sup>th</sup>.

## Membership Stats

SRM welcomes its new members. Following is a list of new members, their section and recruiter for July 18, 2006 to September 18, 2006.

<u>Member</u>	<u>Section</u>	<u>Recruited By</u>	<u>Member</u>	<u>Section</u>	<u>Recruited By</u>
Aleta Nafus	AZ		Noel Winegeart	PNW	
Alisa Carlson	Cal-Pac		Jessica Michalski	SD	John Lentz
Duane Peck	CO	Blake Hendon	Jessica Michalski	SD	John Lentz
Derik Tilley	ID	Daniel Ogle	Derek Fuemmeter	SO	
David Dalling	ID		Marvin Ruffner	SO	
Marilynne Manguba	ID	Roger Blew	Derek Fuemmeter	SO	
Erin Riley	IM		Marvin Ruffner	SO	
Laura Reichle	NC		Laurie Guthrie	TX	Charles Anderson
Robert Ravenscroft	NE		Jullayne Cain-Healy	TX	Bruce Healy
Chad Taylor	NE		Bryan Lange	TX	Jerry Turrentine
Chad Taylor	NE		Steven Goetz	TX	
Mark Crosby	NGP		Laurie Guthrie	TX	Charles Anderson
Blake Kohls	NGP		Jullayne Cain-Healy	TX	Bruce Healy
Leslie Haug	NV		Bryan Lange	TX	Jerry Turrentine
Cory Lytle	NV	Maggie Orr	Blake Payne	TX	Travis Whitney
Leslie Haug	NV		Joshua Deal	TX	Jeff Goodwin
Lee Schmelzer	NV		Jeremy Hasty	TX	
Kirk Darnell	OK		Amanda Kirchner	TX	
Steve Smith	OK		Steven Goetz	TX	
John Guretzky	OK	Chan Glidewell	Andy Currah	WY	Eric Petersen
Adele L. Woerz	PNW	Douglas E. Johnson	Pamela Dewell	WY	Bob Budd
Zachary Aanderud	PNW		Jake Vialpando	WY	Dan Rogers
Adele L. Woerz	PNW	Douglas E. Johnson	Kristen Cotton	WY	
			Andy Currah	WY	Eric Petersen
			Pamela Dewell	WY	Bob Bud

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## Conservation Effects Assessment Program (CEAP)

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A Ceap Grazing Lands Meeting is scheduled for Beltsville, Maryland the week of December 4–7, 2006.

The original focus of CEAP was for NRCS and ARS with other partners to work together to quantify the environmental benefits of conservation practices at two scales (the National scale, and watershed scale). The National assessment objective of CEAP is to identify environmental benefits of conservation programs on a large scale (via conservation practices) to support future policy decisions and conservation program implementation. For example, the National assessment process for grazing lands could review the scientific literature, produce synthesis reports, and use “state of the art” computer models (those applicable to grazing land dynamics) to quantify conservation practices/programs. The CEAP effort will also study grazing land conservation programs and practices at the watershed scale. Watershed scale assessments will provide for more detailed analysis than is possible at the National scale.

More information on CEAP is to be found at: <http://www.nrcs.usda.gov/Technical/nri/ceap/>

The grazing land CEAP effort will correlate and evaluate environmental benefits associated with applied NRCS Conservation Practices. NRCS has identified 5 resource concerns:

1. Water quality (nutrients, pesticide, sediment delivery to lakes, rivers, streams),
2. Soil quality (including soil erosion and carbon storage),
3. Water conservation (flood and drought protection),
4. Air quality (including particulates and odors), and
5. Forage supply and forage quality and quantity for livestock and habitat for wildlife (including aquatic and terrestrial habitats).

The resource concerns will be highlighted and addressed in the grazing land synthesis book. The Society for Range management has indicated their interest in producing the synthesis.

Potential topics:

1. Describe promising modeling approaches for the prediction of soil and water effects. Which models shall we focus on, and what data will be available to feed them?

2. Discuss scope of proposed literature synthesis on the effects of conservation practices on rangeland, pastureland, and grazed woodlands.

3. How can the data collected from the National Resource Inventory (NRI) conducted by NRCS be used for the modeling effort.

4. Should the scope of grazing lands conservation effects be expanded to include wildlife habitat? Carbon sequestration? Biodiversity? Environmental benefits?—**Leonard Jolley**

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## SRM Undergraduate Student Paper Session

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This notice represents a CALL FOR PAPERS for the Undergraduate Student Paper Session for the 2007 SRM Annual Meetings in Reno, Nevada Feb. 11-16.

The undergraduate papers tend to be very diverse in both subject area and nature, spanning the realm of scientific investigation to observations from work experiences. The experience gained from presenting a paper can be valuable as students either continue with graduate work or go into the work force where presentation skills are always important.

While the deadline for undergraduate papers is October 27, 2006, rather than September 1, the abstracts should be submitted on the regular submission website and follow the same format as shown on the SRM web site for volunteer paper submissions. Go to (<http://www.rangelands.org> or <http://abstracts.co.allenpress.com/rama/index.html>) and submit on the undergraduate paper session.

I will send notification and instructions for presentations to students by mid November.

If you have any questions, suggestions or concerns regarding this session, please feel free to contact Dr. Anderson at [val\\_anderson@byu.edu](mailto:val_anderson@byu.edu) or phone 801-422-3527.

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## Upcoming 2006/2007 Meetings

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October 5–6	South Dakota Fall Annual Meeting, Aberdeen, South Dakota
October 11–12	Northern Great Plains Fall Meeting, Miles City, Montana
October 11–13	Texas Section Fall Annual Meeting, Del Rio, Texas
October 12–13	Nebraska Section Meeting, North Platte, Nebraska
November 1–3	California Pacific Fall Meeting, Catalina Island, California
November 2–3	Utah Section Annual Meeting, Logan, Utah
November 3–4	International Mountain Section Fall Meeting, Great Falls, Montana
November 9	Florida Section (tentative)
November 29–30	Wyoming Section Meeting, Sheridan, Wyoming
December 1	Wyoming Section Annual Meeting, Sheridan, Wyoming
December 4–7	Ceap Grazing Lands Meeting, Beltsville, Maryland
December 5–6	Colorado Section Meeting, Grand Junction, Colorado
December 10–13	3 <sup>rd</sup> National Conference on Grazing Lands, St. Louis, Missouri
December 11	Southern Section Meeting (in conjunction w/3NCGL), St. Louis, Missouri
December 15-16	Nevada Section Meeting, The Nugget, Sparks, Nevada
February 9–16	SRM Annual Meeting, Reno, Nevada