

WILDLIFE TRACKS

The Quarterly Newsletter of the Colorado Chapter of The Wildlife Society

Vol. 43, Issue 10: Spring 2017



Chapter Officers

President:

Pat Magee

Past President:

Tony Gurzick

President Elect:

Vacant

Treasurer:

Nate Seward

Secretary:

Chase Taylor

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President's Column

Hello from Gunnison, Colorado! I am so pleased to be able to serve the Colorado Chapter of the Wildlife Society as President. This is an exercise in service, not power, and I am motivated by gratitude for all that CCTWS has done for me professionally over the last 20 years. Thanks to everyone who participated in this year's annual meeting in Fort Collins and thanks to all of you who made this event happen – including our 42 speakers,

14 poster presenters, 330 wolf symposium attendees, and 220 meeting registrants. I also thank the student chapters along with Stacy Lischka and Andrew Don Carlos for organizing a great student/professional mixer at the Lory Student Center, the students and the board who volunteered and kept the meeting running, Chris Mettenbrink for coordinating our necropsy workshop and Dr. Karen Fox for her expert instruction, Chris Mettenbrink for managing our paypal account and registration, Nathan Seward for managing the complex finances, Tony Gurzick for coordinating the hotel arrangements, the banquet, running the business meeting and so many other details, Aran Johnson and Marcella Fremgen for organizing and moderating the contributed papers and poster sessions, Mindy Rice for running our live auction and sending out emails to keep the members informed, Joel Humphries and Chase Taylor for rounding up so many wonderful auction items (that's a tough job!), Eric Bergman for organizing the professional awards, Theresa Childers for managing the student awards, Brett Walker for keeping the webpage up to date despite almost daily revisions, April Estep for her varied contributions to planning and conference execution, Steve Buskirk, Dave Mech, and Heather Johnson for stepping in at the last minute for our carnivore plenary session, our poster and presentation judges, Bob Lanka for anchoring us to TWS, all the special elders whose presence at the meetings is deeply valued, and all the youngsters and students for carrying the torch. It is a vital gathering each winter and I am grateful to be part of an organization with so many interesting and passionate people. Thanks to all of you for caring deeply about wildlife, sharing your talents and wisdom, and being committed to our community. I know I didn't personally acknowledge everyone that deserves it and I apologize for not naming you - but please know that you are valued and appreciated! It's the third day of the third month of the year so I have a 3-3 special for you. I have three challenges and three offers during this transition into spring.

First challenge: I want to ask you to reflect on the past, present and future of CCTWS and TWS. We are an institution and a part of history and we are a contemporary functional organization with hopes to support members long into the future. Who are we? A society is an aggregate of people formed for a particular purpose. We share a mission and a passion. We are a unique group I think in the fact that most of us chose this profession because nature and wildlife gave us more than we could ever give back, but we try. When we aren't working most of us are hunting, fishing, hiking, birding, backpacking, mushrooming, ascending peaks, running rapids, scaling rock faces, mentoring youth, reading, learning, supporting conservation in myriad ways, and constantly feeding the deepest parts of who we are on wild nature and wildlife. The more of us there are, the better. The more diverse we are, the better. The more engaged we are, the better. The more capacity we have, the more we can serve our members and the wildlife we all love. The key to this challenge is to recognize that there is no society without you and there is no society without all of us and all those great wildlife biologists who have come before us.

President's Column, Cont.

Second challenge: I encourage you and challenge you to communicate the vitality of this organization, the comradery that you experience at the annual meeting, the knowledge that you gain from your wildlife society friends with your other colleagues. We have approximately 400 members, but there are many more wildlife biologists in Colorado. Talk to those newly graduated students who are entering the work force or your long-time colleagues and let them know how your participation in The Wildlife Society has benefitted you. At the annual meeting Bob Lanka shared TWS's goal of increasing TWS membership among CCTWS members by 10%. I hope our members will far exceed that goal and show your support for our parent organization. I also hope our state chapter can grow and be more inclusive of the many wildlife biologists that we all work with daily – bring them into the flock. The stronger our parent society and the stronger our state chapter, the more capacity we have to serve and fulfill our mission. So the second challenge is to consider renewing your membership, adding a TWS membership if you aren't already a member, and sharing your experiences with non-member colleagues so they don't miss out on the great benefits and opportunities to serve that comes with being part of this society.

Third challenge: Thirdly I challenge you to deep service, contribution and engagement. That's who we are, that's what we do. The overhead for this organization is very small, almost every dollar goes back to service to the members in programs such as our small research, management or education grants, or our travel grants, and of course our annual meeting. How can you serve? We have several vacancies for committee chairs (see later in the newsletter) and a vacancy for the President-elect position on the board. But service comes in so many forms — contact our student chapters and offer to give a talk or lead a field trip, give a talk at next year's annual meeting on the western slope, nominate and honor your colleagues for their excellence and distinction as wildlife professionals, continue to gather with all of us each winter to renew friendships, meet new friends, learn, stay current and vital.

Now the three offers of March:

1) Please contact me and share your ideas, visions, and creative solutions for how the CCTWS can serve you and be **vitally relevant** to your work and professional development – I'd love to have a beer or a cup of tea and sit down with you, and if we can't meet please email me or give me a call; 2) please invite me to your meetings to discuss CCTWS functions and encourage participation and engagement among more of the talented and valued wildlife biologists in our state, and 3) My friend John Bruna says that apple pie is not intrinsically delicious, in fact some people actually hate apple pie – the delicious is in you! I invite you to nurture delicious thoughts about our long-standing, long-serving society that is open to all wildlife biologists no matter your background, ethnicity, gender, sexual orientation, or area of expertise; even people that work on coots are welcome! Thanks and let's be in touch. Happy spring!

Patrick Magee Gunnison, Colorado pmagee@western.edu 970-641-3959 cell

CCTWS Board Meeting November 21, 2016, 12:00-1:30pm

Members Present: Marcella Fremgen, April Estep, Tony Gurzick, Aran Johnson, Pat McGee, Andrew Don Carlos, Chris Mettenbrink, Stacey Lischka, Chase Taylor, Joel Humphries, Nathan Seward

Ron Ryder Scholarship - Clait Braun trying to get an endowed scholarship and needs \$25,000 to get this done. The board agrees to wait until after the annual winter meeting to determine if we can donate to this scholarship effort.

<u>Jim Olterman</u>- Pat will develop a plan for how we should try and go about funding this scholarship. The board will discuss the plan at the January board meeting. With intentions of announcing a finalized plan to the members at the annual meeting.

Annual Meeting

Workshop

Forensic workshop is on track.

Tony will contact the hotel to see if shuttle is available to take forensic workshop members to and from the location.

Wolf Symposium

Sixteen speakers are planning to attend and speak at the wolf symposium.

Symposium will cost \$20.

Once we have an idea of symposium attendees we will communicate with the motel and they may offer a lunch special at the hotel.

Plenary

Plenary speakers are on track.

Pat will verify any necessary expenses for John Squires attendance.

Contributed Papers

Everyone on the board encourage colleagues to submit a paper for the meeting. Does not have to be technical.

Potentially find 5 people to give Ignite Talks during this section.

Social

Still trying to find a venue for this event. Lory Student Center.

Tony will ask about hotel shuttle availability for this location.

There is also a potential city bus with a route near the hotel and the Lory Student Center.

Andrew will follow up with New Belgium and Odell's for beer donations.

Lory Student Center will have a cash-bar available. Stacey will follow up with Lory Student Center details and costs.

Auction

Joel and Chase are coordinating on collecting items and getting incorrect addresses resent.

April is coordinating with Bobby Day if he can find more cottonwood roots he will donate carvings to the auctions. We will in turn comp his registration for the meeting.

Joel will send out letter with CCTWS letterhead for boardmembers to try and gain more auction donations.

Promotion

Tony and Pat will visit with Mike Phillips for potential designs for flyer/agenda.

Newsletter-

Potentially at next meeting we will determine when to distribute 2017 Newsletters.

Next Meeting-

December 14th /Time TBD

RoundTable-

Pat, we will need to elect a NW Representative and a President-Elect in the coming year. Planning to have this announcement to Mindy Rice by December 15th.

Andrew requested the non-profit letter for handing out on donations for beer.

Marcella, will be out the week of the next meeting.

CCTWS Board Meeting December 21, 2016

Members Present:

Andrew Don Carlos, Brett Walker, Nate Seward, Ryan Monello, Stacy Lischka, Patrick Magee!

Excused:

Chase Taylor, Aran Johnson, Tony Gurzick, Chris Mettenbrink, April Estep

Absent:

Joel Humphries, Marcella Fremgen

Treasurer's Report:

Current Balance - \$35,615.75

Nathan Seward, the CCTWS Treasurer reported that \$100 was paid to Colorado Secretary of State for non-profit annual registration.

Spring/Summer Travel Grants:

We received two applications for travel grants. One from Becky Ruzick a PhD student at CSU who wants to travel to the CCTWS winter meeting in Fort Collins and the Texas CTWS meeting. Kelly Sivy from Alaska requested funds to travel to the CCTWS meeting in Fort Collins. The board approved \$500 for each applicant. Tony and Nate will communicate with the applicants and give them details of the award.

Brett will remove the spring/summer travel award announcement from the webpage.

Student Chapter Funding Requests:

We received a funding request from the Western State Colorado University Student Chapter of the Wildlife Society for \$1500. No request was received from the Colorado State University Student Chapter. Stacy will communicate with the CSU SC President who was meaning to turn in the request. We budgeted for \$1,000 for each student chapter this year, but in the past couple of years the CSU student chapter has received \$1500. The board recommended that both student chapters received \$1000 (after we receive CSU's request) now and after the 2017 annual meeting we can consider giving \$500 more if the meeting is profitable. These extra funds will help students attend the TWS meeting next fall in Albuquerque, NM. Tony will send an email to both student chapter presidents: Carter Miller, CSU and Madeline Smith, Western.

December Email to Membership:

An email will be sent to the membership on December 16 with the following contents:

- 1. Small grants announcement deadline is January 31. We budgeted \$3000 for these in 2016. Chris Mettenbrink already sent this to Mindy Rice for disbursement
- 2. Elections all board members have 1 year terms, so all positions are up for election. Most board members are willing to serve another term. We have an opening in the Northwest Region and Brett walker found a replacement Stephanie Durno who will be running for that seat. The President-Elect position is vacant currently and no candidates have surfaced. All candidate bios will be sent to the membership and elections will be in mid-January. Elections will be electronic via survey monkey with results in by January 25, 2017.
- 3. The email will also provide an update of the annual meeting, including

Call for papers and posters with a new deadline of January 9, 2017

Call for awards nominations

Reminder about registration and hotel accommodations

Reminder of symposium, workshop, plenary session and contributed paper sessions

Reminder about banquet and social

Seeking student volunteers

January Email to Membership:

An email to the membership will be sent out on January 13, 2017 and will include

- 1. Annual meeting updates
- 2. Instructions for voting
- 3. The proposed bylaws changes that will be voted on by the membership at the annual meeting

CCTWS Board Meeting December 21, 2016, Cont..

Annual Meeting:

- 1. Contributed papers and posters. Aran Johnson mentioned ahead of the meeting that several more paper and poster submissions have been received. The board has worked hard this week to recruit and disseminate the call to numerous outlets. The call will be sent out in the December email and we will extend the due date to 9 January 2017.
- 2. Auction. Chase Taylor sent an earlier email indicating we have received two donations for the auction. April Estep emailed that she talked to someone who wants to donate a print. More items are needed and the board is encouraged to seek donations.
- 3. Wednesday night social. Stacy Lischka and Andrew Don Carlos are working with CSU student chapter to organize the social. Stacy will chat with the CSU students to confirm price quotes at Lory Student Center. There is concern that this venue will be very pricey (\$38/person) for food. There is also a \$50 per keg tapping fee. Stacy will provide information to the board either by the enbd of this week or early next week. We may need to move this event to the Hilton. Andrew indicated the ballroom is still available on Wednesday night. Students are interested in developing a bingo card as a way to interact with a variety of professionals at the social.
- 4. Banquet New Belgium will likely donate two kegs. Andrew discussed with Hilton whether they would give us a break on the two outside keg limit. We also have two kegs from O'Dells for the Wednesday night social.
- 5. Student volunteers. Board agreed to support 6-7 student volunteers. Students will be expected to work a 4 hour shift to earn a registration fee reimbursement. Nate Seward will write each student a reimbursement check after they complete their volunteer service. Duties include working registration table, setting up auction, cleaning up, doing IT during sessions. Stacy will send documents regarding student duties she has from last year's meeting.
- 6. Chapter Awards. Chapter awards are given at the annual meeting. A call for awards was sent out to the membership this fall. This will be resent in the December newsletter. Board members are encouraged to look at the awards on the webpage and nominate deserving members: http://wildlife.org/colorado/awards/

Historically the Allen Anderson award for the Outstanding Undergraduate Wildlife biology Student in Colorado was giving in late spring. Theresa Childers, the scholarship chair, asked if we wanted to move this to the annual meeting. The board agreed that this is a good idea that gives the student more recognition from the membership. Pat Magee! will communicate with Theresa about this and the announcement will go out in the December newsletter.

7. Speaker travel – Nate Seward mentioned that we have very little expense associated with speaker travel at this year's conference. So far we will pay for John Squires' travel from MT as a plenary speaker, and we will cover Eric Gese's registration (also a plenary speaker). We are also covering hotel and registration for Bobby Day who has been a long-time chapter supporter and donated many auction carvings. We also hope to offer Karen Fox the necropsy workshop instructor a gift.

Proposed By-Law Changes:

The last time bylaws were modified was March 2010. It requires a vote of the membership for any bylaws changes. The Board discussed four proposed changes:

- 1. Article 3. Change fiscal year from January 1-December 31 to April 1- March 31. This makes more sense from a budgetary calendar.
- 2. Article 5, Section 1, Clause G sets terms limits on board members at 2 consecutive terms. Proposal was to lengthen term limits or remove them. Board discussed this but it needs more discussion, so we tabled the discussion for a later board meeting.
- 3. Article 5, Section 2 covers balloting and requires written ballots. The proposal is to change the language to reflect electronic voting.
- 4. Article 5, Section 3, Clause E considers members of the executive board. The last sentence of this clause indicates that the president of the student chapter of the wildlife society at CSU is a non-voting member. The proposal is to use more inclusive language here indicating that student chapter presidents anywhere in Colorado are eligible to be non-voting members on the executive board. Pat Magee! will draft language for the three bylaw changes that the board supported. This will be emailed to the membership in the January email and will be voted on at the Winter Meeting in Fort Collis.

CCTWS Board Meeting December 21, 2016, Cont..

Roundtable:

Brett mentioned all is good with the webpage and that he is happy to help whoever takes on this task after his departure. He men-

tioned that the job is pretty easy except during annual meeting time when it is helpful for the webmaster to write code rather than constantly sending changes to TWS.				
Next Meeting: Our next meeting is a conference call tentatively scheduled for Wednesday January 11, 2017 at noon. Tony will provide details.				

CCTWS Board Meeting February 17, 2017, 12:30-1:30pm

Members Present: Marcella Fremgen, April Estep, Tony Gurzick, Pat McGee, Andrew Don Carlos, Chris Mettenbrink, Chase Taylor, Joel Humphries, Nathan Seward, Bob Lanka, Bryce Davis, Krysten Zummo-Strong, Steph Derno

Post Conference Board Meeting-

- (Abstract Details) Student presenter and what age they are in. Can slides be shared potentially post presentations to website.
- Having two screens was an improvement.
- Potentially keep silent auction going during live auction.
- Recommendations for convention center in Grand Junction (cost of the conference is a concern).
- Consider reaching out to sponsors for individual breaks.
- Multiple lines for the registration table would improve efficiency.
- Potentially add extra time for the business lunch. Give membership more opportunity to talk.
- Ignite session towards end of the day to keep engagement.
- Necropsy workshop went well. We may have startled people with the limited capacity. Application process may have been a deterrent. Facility restriction.
- Poster session with more structure. Designated time.
- Send thank you to vendors.

CCTWS Grants

CCTWS Small Grants in Education, 2016 Summary

Awarded to: Nathan Seward and Marcella Fremgen

Summary:

The 2016 small grant for education was awarded to Nathan Seward and Marcella Fremgen to produce and present posters about Gunnison Sage-Grouse habitat to elementary school children throughout the range of the bird. Gunnison Sage-Grouse is listed as a threatened species under the Endangered Species Act and is found only in a limited range. Declines in habitat quantity and quality are largely responsible for population declines of the bird over the last several decades, so focusing on habitat is an important way to make local children aware of the importance of healthy sagebrush habitats.

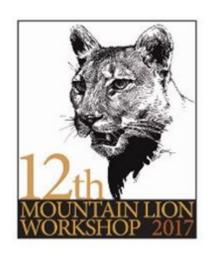
The Gunnison Sage-grouse conservation poster is currently in the design and edit stage with wildlife photographer, Bob Gress, and publisher, Mennonite Press Inc. Over the past two years, Bob Gress has captured high quality photos of sage-grouse during the spring lek season when sage-grouse display and breed. Quality photos of sage-grouse chicks and winter flocks have proved more difficult to capture which was a main objective of the poster, documenting the annual life cycle of sage-grouse. A request to other wildlife photographers for winter flock and early chick photos may be needed to round out the poster, otherwise photos may be dominated by males in breeding plumage.

Currently the Gunnison Basin Sage-grouse Strategic Committee (GBSGSC) is holding \$1,200 from poster sponsors including: CCTWS, Sisk-a-dee, Re-max, and Bird Conservancy of the Rockies. Other verbal commitments include funding from the U.S. Forest Service, National Parks Service, Colorado Parks and Wildlife, and up to \$2,000 from the Information and Education subcommittee of the GBSGSC. These fiscal commitments will cover the cost of printing, approximately \$3,200, for 4,000 posters. We hope to complete the poster by the end of summer 2017.

Distribution will occur during the 2017-2018 school year, across the range of Gunnison Sage-Grouse. There are 22 elementary schools that are located within or near Gunnison Sage-Grouse mapped critical habitat, with potential to reach more schools if desired. The next step is working with the schools to identify the number of classes and students within each class that we will be able to present to in the upcoming school year. After that, we will develop a presentation schedule in the schools.

Workshop Announcement



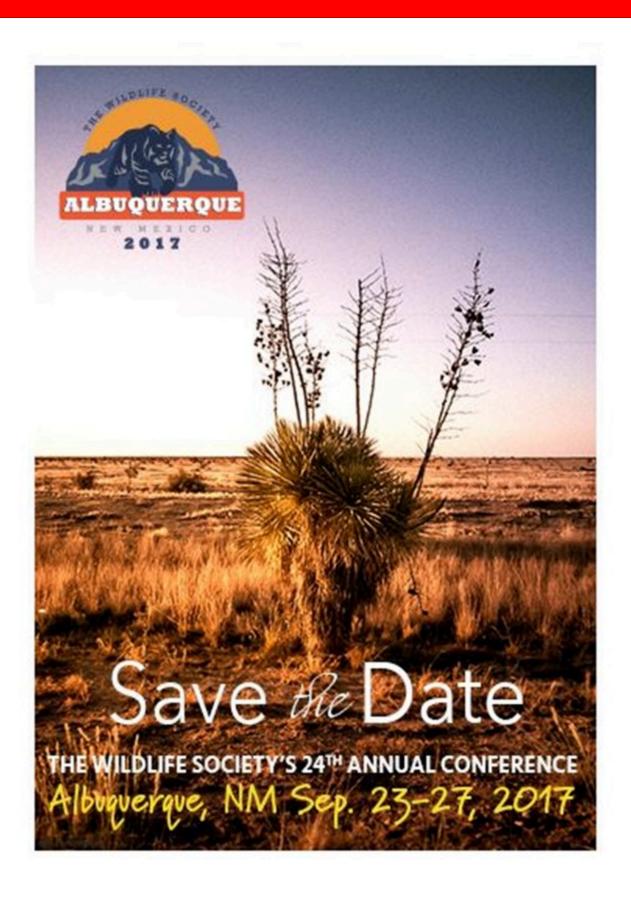


The Western Association of Fish and Wildlife Agencies is hosting the 12th Mountain Lion Workshop May 15 – 18, 2017 in **Estes Park, Colorado**. The theme of the workshop is <u>"A Synthesis of Management and Research Findings"</u> and will seek to provide information of particular interest to wildlife managers. Topics will focus broadly on mountain lion and other felid biology and ecology and more specifically on mountain lion harvest management and population monitoring. In addition, there will be two panel sessions, one on human–lion interactions and conflict & depredation management, and another on stakeholder perspectives. These sessions will include invited speakers and invited panelists. Mountain lion researchers, students, managers, and stakeholders will be attending the workshop from across North and Latin Americas.

Workshop registration cost is \$125 before March 15, \$150 after March 15, and \$100 for students. Walk-in registration at the workshop will be \$150.

For more information or to register, please go to: http://www.wafwa.org/workshops/mountain lion workshop/.

Annual Conference Announcement



Annual Meeting Pics

















Closing Poem

Wings that span the heavens, The eagle soars the sky. The cowboy rides the rimrocks And dreams of days gone by.

The majesty of creation Can be seen through different eyes. Just rise above the clamor And view the world from there on high.

The world goes on by us As progress marches on. But keep in your heart a perspective Of this place we call our home.

Those that have gone on before us Have left a beginning for you and me. Let's keep in our heart the perspective Of what it means to be free.

To make decisions wisely. It's our charge this earth to conserve. When we meet our Lord and Master, Let us say we faithfully served.

But to conserve does not mean to lock up, The bounties of our Lord. It means to use things wisely And to consider all our pards.

The rural folk and the urban And all those in-between. Can get along together, If all sides are clearly seen.

"We" think we know the answers, If only "they" would understand. But two-way communication is "our" answer, If we wish to co-exist in this land.

To turn our backs is foolish, We will surely lose the game; And who'd want the title "Quitter" Branded to their name.

Our mothers and our fathers, "Bless their souls" we often say. Let's pass to our sons and daughters The fruits of our toils today.

A better world we can leave them, If others we respect. Let's work together wisely To have the most effect.

by Larry D. Butler, 1993

COLORADO WILDLIFE SOCIETY MEMBERSHIP APPLICATION

Please note! You can now renew your membership online at www.wildlife.org/colorado

Name:					
Address					
City:		State:		Zip Code:	
Work Phone:		Home Phone:			
E-Mail:					
Today's Date:					
Affiliation:					
Interested in Commit	ttee Work?	Yes	No		
Are You a TWS Cert	ified Biologist?	Yes	No		
Areas of Expertise/Ir	nterest:				
Dues: 1 Year: \$15	2 Years: \$27	3 Years: \$35	Student/Retire	ees: \$10	
MC/Visa:				Expiration Date:	
Signature:					
Print this Form and N	Mail to: Nathan S	Seward, Colorad	do Parks and Wi	Idlife, 300 W. New York Ave	e Gunnison. CO 81230

Or fill it out and email it to: ColoradoTWS@gmail.com

DIRECTORY OF BOARD

Officers Email

President: Pat Magee pmagee@western.edu

Past President: Tony Gurzick tony.gurzick@hotmail.com or tony.gurzick@state.co.us

President-Elect: Vacant

Treasurer:Nathan Sewardnathan.seward@state.co.usSecretary:Chase Taylorchase.taylor@co.usda.gov

Executive Board : Regional

NE Rep.:Stacy Lischkastacy.lischka@state.co.usNW Rep.:Brett Walkerbrett.walker@state.co.usSE Rep.:April Estepapril.estep@state.co.usSW Rep.:Joel Humphriesjhumphries@blm.gov

Executive Board : At Large

Andrew Don Carlosawdc@lamar.colostate.eduChris Mettenbrinkchris.mettenbrink@state.co.usEvan Phillipsevan.phillips@state.co.usAran Johnsonajohnson@southernute-nsn.gov

Wildlife Society Affiliates:

CSU Student Chapter President:

Savanna Smith savsmith@rams.colostate.edu

WSCU Student Chapter President

Amy Harmon amy.harmon@western.edu

CMPS: Karie Decker <u>karie.decker@nebraska.gov</u>

TWS: Bob Lanka bob.lanka@wyo.gov

Meet the Colorado Chapter of the Wildlife Society Board

SOUTHEAST REPRESENTATIVE: April Estep

I am excited for this opportunity to serve as the southeastern representative for CCTWS. I was born and raised in northeastern Oklahoma. I grew up learning about the outdoors in the crosstimbers and creeks of Oklahoma. I attended Oklahoma State University, where I received my B.S. in Wildlife and Fisheries Ecology and my M.S. in Natural Resources Ecology and Management. While at OSU, I spent a lot of time with the student chapter of The Wildlife Society and served as Secretary, Treasurer, and President. I moved to Colorado in 2007 and fell in love with flora and fauna of this beautiful state. I am a Terrestrial Biologist for Colorado Parks and Wildlife in the southeast region. I spend my days



and nights in the field monitoring sensitive and threatened and endangered species. I enjoy spending time at home with my husband, Chris, and our two children, Emily and Nathan. When I'm not spending time with my family, I enjoy teaching tap and jazz dance at the local dance studio.

SOUTHWEST REPRESENTATIVE: Aran Johnson

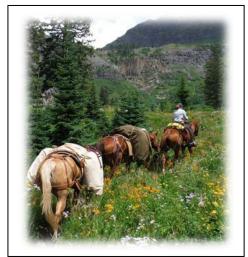
My name is Aran Johnson and I work as a wildlife biologist for the Southern Ute Indian Tribe. I grew up near Winona, MN along the Mississippi River. I've been a hunter and fisherman since I can remember, helped along by my grandfather, father and brother. I started my college career at the University of Wisconsin and transferred to the University of Wisconsin at Green Bay after one year to pursue a cross country skiing scholarship and subsequently graduated from UWGB in 1995 with a BS in Biology. In 1999 I was accepted to the University of Wyoming in the Coop Unit to study the response of riparian bird communities to logging practices in the Snowy Range near Laramie. I



graduated with an MS in 2001. I stayed on with the Coop Unit for two more years as a research assistant having the chance to work on a variety of projects including investigating blood lead levels in young golden eagles and ferruginous hawks whose nests were near actively shot prairie dog towns in the Powder River Basin. In 2003 I accepted my current position as a wildlife biologist with the Tribe. I spend most of my time on big game management, including designing and implementing habitat improvement and water development projects, flying annual classification flights and conducting research to better understand deer and elk migration patterns on and off of the reservation. In my free time I enjoy skiing, cycling and of course hunting and fishing. My wife and I are having a great time showing our six year old daughter the joys of the outdoors!

NORTHWEST REPRESENTATIVE: Stephanie Durno

I'm originally from Oregon and came out to Colorado to attend Colorado College. I graduated with a BA in Biology in 1999. I began my career with the Colorado Division of Wildlife as District Wildlife Manager in 2001 and have been a Terrestrial Biologist for Colorado Parks and Wildlife in Grand Junction since 2005. I work with all kinds of fur and feathers in the Grand Valley and surrounding areas. I have everything from desert bighorn sheep to mountain goats and love the diversity that the area offers. In my spare time I love to ride and pack my horses, camp, hike, mountain bike, cross country ski and snowshoe, hunt, fish, eat and cook good food and play polocrosse every chance I get.



NORTHEAST REPRESENTATIVE: Krysten Zummo-Strong

Krysten received her Bachelor's degree in Wildlife Management from SUNY Cobleskill in 2011. It was here where she first became an active member of The Wildlife Society, serving as student chapter president and coordinator of the 2011 Northeast Student Conclave. Upon becoming involved with The Wildlife Society she immediately recognized the importance of The Society in addressing current issues in the field, and for networking opportunities for both students and professionals. She has been working with the Student Development Working Group since graduation with her Bachelor's degree, serving in each board position, and as the Student Liaison to Council. She has also served on the New Mexico Chapter board and currently serves as the Chair of the Early Career Professional Working Group. After graduation with her Bachelor's degree, Krysten was hired by the college as the Department of Fisheries, Wildlife, and Environmental studies' Wildlife Technician. After two year's she left



to begin her Master's degree, studying the effects of climate and habitat on scaled quail populations in south-central New Mexico. Her research focused on how climate variables, such as timing and amount of rainfall, and habitat structure influenced the survival and reproduction of scaled quail. Currently she is working in Northeast Colorado as a Private Lands Wildlife Biologist for Pheasants Forever and NRCS.

AT-LARGE BOARD MEMBER: Chris Mettenbrink

I am a District Wildlife Manager for Colorado Parks and Wildlife. I am currently stationed in the Fort Lupton District which comprises most of southern Weld County on the eastern plains. My primary duties include grassland and wetland habitat management, wildlife management, enforcing Colorado wildlife laws and regulations, and hunter/angler recruitment and retention. I grew up along the S. Platte River in the rainwater basin of south central Nebraska. I am an avid hunter and fisherman and also enjoy camping and boating. I received my B.S. in wildlife biology from the University of Nebraska at Kearney (UNK) and worked on various avian research projects in Nebraska before moving to Colorado in 2000. I have been a



member of The Wildlife Society since college and served on the UNK student chapter board. I have been a member of the Colorado Chapter for many years now and I am looking forward to continuing my involvement with The Wildlife Society. I was an at-large board member in 2012 and also filled in as Treasurer for most of the year. I am running for the at-large position again and hope to continue to bring new ideas to the CCTWS. I look forward to continuing to serve the CCTWS and its members in the future.

AT-LARGE BOARD MEMBER: Marcella Fremgen

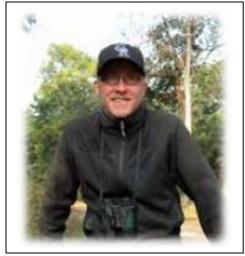
I am a private lands range ecologist for Bird Conservancy of the Rockies, based in Montrose, CO. My work is focused on enhancing Gunnison Sage-Grouse habitat. Previous work included spending several seasons with Colorado Parks and Wildlife as a sage-grouse technician in Gunnison (and some work with bighorn sheep and mule deer mixed in), several seasons with U.S. Forest Service, and a summer in Canada working on wolf-elk-aspen ecology. I also volunteered with Intermountain Bird Observatory and U.S. Geological Survey on bird and botany research over the years. I received my M.S. from Boise State University in 2015, where I studied winter habitat use and foraging ecology of Greater Sage-Grouse in Idaho and Wyoming. My B.A. is in biology (ecology emphasis)



from Western State College of Colorado (2011), where I joined and served on the board of the school's TWS chapter when it first formed in 2010. At Boise State, I formed and led an unofficial (waiting on approval from parent chapter) TWS chapter. I am very much looking forward to continued involvement with TWS and to work with the state chapter. Outside of work, I enjoy fishing, backpacking, hiking, skiing, gardening, and spending time with family and friends now that I am back in my home state.

AT-LARGE BOARD MEMBER: Andrew W. Don Carlos

I've been a CCTWS member since 2011 and started serving as an at-large member of the board in 2015. I look forward to becoming more involved and working with all of the dedicated people who have made CCTWS such a great organization for Colorado wildlife. I'm currently a Research Associate in the Human Dimensions of Natural Resources Department at Colorado State University in Fort Collins. My research, teaching, and outreach work is focused on the application of the social sciences to inform natural resource management, with an emphasis on understanding human interactions with wildlife. I'm currently the project manager for the America's Wildlife Values project, a CSU led research initiative designed to assess public values toward wildlife in all 50 states. I also serve as the



co-leader of a program developed with the Wildlife Institute of India to provide in-service training for Indian forest and wildlife managers. Prior to my current position at CSU, I've worked on applied social science research for a variety of local, state, and federal wildlife conservation agencies and organizations. I received a B.S. in Geography and Natural Resources from the University of Minnesota and an M.S. in Human Dimensions of Natural Resources from CSU, where I'm currently pursuing a Ph.D. When I can get away from work I always head for the outdoors. I love to hunt, fish, hike, and camp. I also enjoy music (understatement), travel, sports, and trying to learn wildlife photography.

AT-LARGE BOARD MEMBER: Joel Humphries

I'd like to thank everyone for the opportunity to serve as representative on the Colorado Chapter of the Wildlife Society. I grew up in Michigan and my appreciation of the outdoors was cultivated by my parents, both of whom were Wildlife Biologists. As a kid, my dad would show me around a refuge he managed and explained wildlife management and pointed out rare species for that area, like snowy owls. After serving in the Navy, I earned a B.S from Western Michigan University in 2003 and a M.S. from Michigan State University in wildlife biology and management in 2011. Later that year, I moved to Wyoming and worked as a Wildlife Biologist for the BLM. After spending three years in Wyoming and working on a myriad of wildlife and



energy development conflicts, I transferred to the BLM San Luis Valley Field Office (SLVFO) in Monte Vista, Colorado. At my current job, I am in the Colorado State BLM office in Lakewood. I am an ecologist and serve as the state Monitoring coordinator. In this job I assist with implementing the Assessment Inventory and Monitoring Strategy for BLM district and field offices in Colorado. Some of my daily duties include managing habitat for Gunnison sage-grouse and mitigating impacts from domesticated sheep and cattle grazing on wildlife. I spend my off time in the outdoors fishing, hunting, cross country skiing, and backpacking.

TREASURER: Nate Seward

First of all, I'd like to thank you for the opportunity to serve the members of the Colorado Chapter of The Wildlife Society. I grew up mainly in Ohio but lived for several years in Colorado Springs while my father taught at the Air Force Academy. I quickly earned a deep appreciation for natural resources while hiking around the foothills. After my family was transferred back to Ohio to Wright-Patterson Air Force base, I attended The Ohio State University earning a B.S. in wildlife management in 2000 and an M.S. in conservation biology from the University of Kentucky in 2003 – after school I high-tailed it back to Colorado! I worked for the USDA/APHIS/Wildlife Services – National Wildlife Research Center (NWRC) in Ft. Collins for approximately 5 years studying



chronic wasting disease and bovine tuberculosis transmission among ungulates. Currently I work in Gunnison, Colorado, as a Terrestrial Biologist for Colorado Parks and Wildlife. Most of my work focuses on Gunnison sage-grouse and working with private landowners to protect and enhance wildlife habitat. When I'm not writing conservation agreements, answering emails, or returning phone calls, I enjoy hunting, fly-fishing, and spending time with my wife, Kathleen, and three kids, Reilly, Rowan, and Drayden.

SECRETARY: Chase Taylor

I grew up in the dry semi-arid region of southeastern New Mexico chasing Horned-lizards around in the local caliche pits with my brothers. It was there I gained a great deal of exposure and appreciation for the outdoors and wildlife through fishing, hunting, and camping with my family. I first attended New Mexico State University where I worked on a B.Sci. in Rangeland Management and furthered my studies by attaining an M.S. in Ecology from Texas Tech University. I studied the interactions of mule deer dam-fawn relationships and causes of death to accompany survival estimates in New Mexico. Prior to that, I worked as a rangeland specialist for the Natural Resources Conservation Service in Texas, while also working as an active prescribed burn contractor. I have spent time as an ecologist



studying mule deer, elk, feral hogs, meso-carnivores and endangered plants. Over the last three years I moved into the private consulting sector and have performed biological work across much of the western, midwestern, and southern United States. I currently work as a Staff Ecologist with Pinyon Environmental Engineering Inc. in Lakewood, CO. My focus is performing biological and ecological assessments, T&E species clearances, wetland delineations, and writing technical and permitting documents for a variety of clients in the transportation, wind, oil & gas, and land management industries. Time will often find me hunting, hiking, fishing and getting away from the crowds, with my wife and our furry kids.

PAST-PRESIDENT: Tony Gurzick

As a Colorado native, wildlife and the outdoors have always been an important part of my life. I remember when I made the decision to go into the wildlife management field. It was the summer before my junior year of High School and I was in the back country of Rocky Mountain National Park where I was part of The Student Conservation Association high school program. I was on a day off from building trail and was doing a little fishing. Suddenly, a Park Ranger materialized next to me. After checking my license and spending a long time talking to me about wildlife and fishery biology he started to walk away. I turned my head for just a moment and when I looked back, he was gone. Cool! I wanted to do something similar. A couple



of years later, I went to Colorado State University where I earned my Bachelor's Degree in wildlife biology in 1991 and began working for the Colorado Division of Wildlife that same year. I began my career as a District Wildlife Manager in southeastern El Paso County and western Lincoln County. While working as a DWM, I earned a Master's Degree in public administration from the University of Colorado (Colorado Springs) in 1999. That same year, I became the Area supervisor for Durango, Colorado. A few years later, I became the first Assistant Regional Manager for the newly formed Southwest Region. I was the Assistant Regional Manager for several years and just recently moved to Denver where I am now the manager of Colorado Parks and Wildlife's creative services and marketing section. When not working, my family and I enjoy camping, hiking, and fishing and my two children will be taking Hunter Ed this year. I have been a member of The Wildlife Society most years since college and I have had the privilege of being on the board in the past. I look forward to getting more involved with the Society and encourage all members to get involved, too.

PRESIDENT-ELECT: Vacant

The CCTWS wants you to serve on the board. Our organization depends on your commitment and service. Please consider stepping up and serving in a leadership position on the board, and THANKS!



PRESIDENT: Patrick Magee!

I am a Colorado native, grew up in Littleton, and have been blessed to live in Gunnison, the heart of the Rocky Mountains now 21 years. I attended Colorado State University and received my B.S. in Wildlife Biology, before moving to the Midwest for 10 years and completed my M.S., and Ph.D. in Wildlife Ecology at the University of Missouri. I worked on waterfowl energetics and wetland management with Dr. Leigh Fredrickson. When I completed my graduate degree I moved back to Colorado and worked for the Colorado Division of Wildlife as the eastern coordinator of the wetlands program. I then accepted a position in 1996 at Western State Colorado



University and currently am the Thornton Chair of Biology. I teach a variety of courses including Ecology, Diversity and Patterns of Life, Mammalogy, Ornithology, Wildlife Ecology and Management, Wildlife Techniques Workshop, and Colorado Ecoregions. I am the director of the Thornton Biology Undergraduate Research Program and am involved with a variety of research and conservation projects including: Gunnison Sage-grouse, acoustic ecology, effects of mechanical treatments on sagebrush obligate birds, effects of mechanical thinning treatments on piñon-juniper birds, and red fox ecology. In 2000, I founded Sisk-a-dee, a non-profit organization dedicated to the conservation of the Gunnison Sage-grouse. I also engage in conservation work on behalf of the Gunnison Sage-grouse serving as a member of the Technical, Predation, Watchable Wildlife, and Information and Education sub-committees of the Gunnison Sage-grouse Strategic Committee. My students and I founded the Western State Colorado University Student Chapter of the Wildlife Society and I serve as faculty advisor. I enjoy being a father to my 16-year-old son and try to get outside for birding, running, cross country skiing, and hiking/backpacking. I started hunting just four years ago and I pose no threat to the local wildlife! I also enjoy writing and soulcraft.

PAST BOARD MEMBERS:

Special thanks to our recent board members for their dedicated service and commitment to the Colorado Chapter of the Wildlife Society and to the wildlife profession and wildlife and their habitats in Colorado and beyond. Many thanks to **Evan Phillips, Brett Walker, Stacy Lischka, and Ryan Monello** (respectively in photos below).









Student Chapter Presidents

Colorado State University Bryce Davis



Western State Colorado University Mady Smith



Colorado Chapter of the Wildlife Society Bylaws: Proposed Changes

At the Annual Business Meeting on February 16, 2017, the membership unanimously voted to accept the following three bylaws changes. These changes will be reviewed by TWS to make sure there are no conflicting organizational operational guidelines. The last time the CCTWS bylaws were amended was in March 2010. Periodically the board reviews the bylaws and proposes changes to either update the organization's operational structure or make other changes that reflect the current priorities of the organization. The CCTWS completed a review of the bylaws and recommend three changes. To see the full bylaws please link to our webpage:

http://wildlife.org/wp-content/uploads/2016/04/cws bylaws march 2010.pdf

Proposed changes:

1. CCTWS operational calendar

Currently:

ARTICLE III. CHAPTER YEAR

The chapter operating and fiscal year shall begin 1 January.

Proposed change:

ARTICLE III. CHAPTER YEAR

The chapter operating and fiscal year shall begin 1 April.

Rationale: The CCTWS budget cycle revolves around the annual winter meeting held in February each year. At the end of the meeting most of the expenses and revenues have been realized. In the past several years the board has developed a budget based on an April 1 to March 31 fiscal year to align with the budgetary process of the organization.

2. Electronic voting

Currently:

ARTICLE V. ELECTIONS AND OFFICERS

Section 2. BALLOTING - Written ballots shall be received from the members by the Chairman of the Nominating and Elections Committee and shall be counted by this Committee.

Proposed change:

ARTICLE V. ELECTIONS AND OFFICERS

Section 2. BALLOTING – Electronic or written ballots shall be received from the members by the Chairman of the Nominating and Elections Committee and shall be counted by this Committee.

Rationale: Voting has been done electronically by CCTWS for many years. This is an efficient and cost saving manner to hold elections and benefits the society.

3. More inclusive non-voting student membership of the executive board

Currently:

ARTICLE V. ELECTIONS AND OFFICERS

Section 3. OFFICERS - Officers of the Colorado Chapter shall consist of a President, President-Elect, Secretary and Treasurer. Their duties are:

CLAUSE E - EXECUTIVE BOARD - The Executive Board shall act as the governing body for the Chapter and shall be made up of the above named officers, the Past President, and the duly elected board members. Four of these members will be selected from the Chapter Voting Membership at large and one from Voting Members residing in each of the 4 quarters of Colorado as defined by Parallel 39 North and the Continental Divide from the Wyoming border to the southwest corner of Chaffee County, and from there a line following the eastern border of Saguache, Alamosa, and Costilla Counties. The president of the Colorado State University Student Chapter of the Wildlife Society, or their representative, shall be a non-voting member of the Board.

Proposed Change:

ARTICLE V. ELECTIONS AND OFFICERS

Section 3. OFFICERS - Officers of the Colorado Chapter shall consist of a President, President-Elect, Secretary and Treasurer. Their duties are:

CLAUSE E - EXECUTIVE BOARD - The Executive Board shall act as the governing body for the Chapter and shall be made up of the above named officers, the Past President, and the duly elected board members. Four of these members will be selected from the Chapter Voting Membership at large and one from Voting Members residing in each of the 4 quarters of Colorado as defined by Parallel 39 North and the Continental Divide from the Wyoming border to the southwest corner of Chaffee County, and from there a line following the eastern border of Saguache, Alamosa, and Costilla Counties. The president of any Student Chapter of the Wildlife Society located in Colorado, or their representative, shall be a non-voting member of the Board.

CCTWS Financial Report

The Colorado Chapter of the Wildlife Society is financially healthy with the following account balances:

Checking = \$24,017.23 Savings = \$20,004.00 Total = \$44,021.23

Our target account reserve* for 2017 is \$34,460

*This amount is mandated to maintain financial integrity and buffer any major financial challenges

The remaining surplus available for expenditure during 2017 is \$9,561.23 A 2017 budget will be operational on 1 April 2017. This surplus is used for our travel and small grants programs, awards and scholarships, and other expenses. While our balances are healthy out operational budget is failry small at less than \$10,000 for the year.

The cost of the 2017 annual meeting was \$37,864.51.

Submitted by Nathan Seward, CCTWS Treasurer

COLORADO CHAPTER OF THE WILDLIFE SOCIETY PROFESSIONAL AND STUDENT AWARDS

CONGRATULATIONS TO THE 2016 CCTWS AWARD RECIPIENTS!

The following awards were presented at the 2017 CCTWS annual meeting:

Douglas L. Gilbert Award for Outstanding Achievements in Wildlife Sciences

Dr. Larissa Bailey, Colorado State University

Professional Achievement in Wildlife Habitat

Nathan Seward, Colorado Parks and Wildlife

Professional Achievement in Wildlife Research

Dr. Jake Ivan, Colorado Parks and Wildlife

Allen E. Anderson Award for Outstanding Wildlife Undergraduate Student

Savanna Smith, Colorado State University

Jim Olterman Scholarship

Nick Niezgoda, Western State Colorado University

Blown Blunderbuss Award

Jeromy Huntington, Colorado Parks and Wildlife Darting Sharp-shooter

Best Graduate Student Presentation

Patrick Lendrum, Colorado State University

"Distinguishing the influence of prey distribution, landscape features, and anthropogenic disturbance on predation risk"

Best Undergraduate Student Presentation

Marcel such, Western State Colorado University

"Effect of Douglas-fir beetle and patch size on avian presence in Douglas-fir forests in the Gunnison Basin, Colorado"

Best Poster – First Place

Marina Rodriguez, Colorado State University

"Calcium increases reproductive success in nesting tree swallows"

Best Poster – Runner Up

Jessica Shyuers, Colorado State University

"Evaluation of population monitoring strategies for Greater Sage-grouse in northwestern Colorado: genetic mark-recapture as an alternative to traditional lek counts"

CSU Student Chapter Update:

Current officers:

President: Bryce Davis

Phone: 314-402-7826;

e-mail: mustang-fan@hotmail.com

Vice-president: Griselda Landa-Posas

Secretary: Field Peterson Treasurer: Charlee Manguso Publisher: Kailey Carlson

Camera Project Manager: Lauren Hall

Raptor Monitoring Manager: Julianne Nikirk Coffee Table Managers: Althea Weeks and

Kendra Harris Banquet Chair: Ross Wyatt





The CSU student chapter has been busy with some of the following activities:

- 1. We have been continuing our raptor monitoring efforts for CPW and have been seeing quite a few different kinds of Raptors over at Boyd Lake State Park.
- 2. Coming in April we have various different work days set up for our membership to get some field experience. These include working on a fencing project up in Cherokee Park, Colorado for moose populations to help protect general habitat and winter range habitat. We also will be helping with a project for CPW to improve local fish populations over at Watson Lake in Larimer County, as well as working on a private conservation easement called Roberts Ranch in the Livermore valley up the Poudre Canyon to help conserve local habitat for various wildlife located in that area.
- 3. Our camera project continues to help educate local Fort Collins children on local wildlife populations as well as help the city of Fort Collins' knowledge of its local wildlife population numbers and areas where they can be found.

Bryce Davis, CSU Student Chapter President



<u>Western State Colorado University Student Chapter of the Wildlife Society</u> <u>Spring 2017 Update:</u>

Western's student chapter kicked off the spring semester with a full moon snowshoe at Hartman Rocks Recreation Area! To round out the winter ecology topics we hosted a wildlife tracking seminar by Chris Parmeter, Colorado Parks and Wildlife District Wildlife Manager.





Eight members of Western's student chapter traveled to Fort Collins for the Annual Colorado Chapter of the Wildlife society's meeting. Here students collaborated with CSU's student chapter to host the student/professional mixer at the CSU Lory Student Center! Several of our students volunteered to help with various aspects of the conference. Some of our students attended the Wolf Symposium and the many great presentations on new research! Our



students were provided the opportunity to network with many professionals and students alike! Mady Smith, Western's student chapter president, provided a chapter update at the annual business meeting, Marcel Such gave a presentation on his Thornton Program funded undergraduate research project on birds in Douglas-fir islands (and won the award for best undergraduate presentation), and Nick Niezgoda (photo to right) was awarded the prestigious Jim Olterman Scholarship.



Seventeen students from our chapter and the biology program joined Kevin Blecha a big game/terrestrial biologist from Colorado Parks and Wildlife at a necropsy demonstration at Western State Colorado University. Kevin took students step by step through a typical necropsy to determine the cause of death of this doe mule deer! It was an educational, hands-on, and sensual (think nose) night for our members!



Upcoming events include or collaboration with our sister group – Tri Beta – to sponsor the annual Biology Bonanza where we visit the Gunnison community school and provide a diversity of biology educational activities to local youth. We also will help host the annual Tri Beta convention at Western in April – featuring keynote speaker Dr. Gail Patricelli of University of California-Davis who works on Greater Sage-grouse behavior and conservation. Our members are also gearing up for another season of Gunnison Sage-grouse monitoring at the local watchable wildlife site. Our officers include Mady Smith (Student Chapter President), James Antley (Vice President), Marcel Such (Secretary), Zach Picard (Treasurer), and Levi Stone (Recruitment Officer).

Mady Smith, Western Student Chapter President

Representatives, Committees and Chairs

Committee	Chair	Chair Contact
Certification	Rob Schorr	rschorr@lamar.colostate.edu
Conservation Review	Randy Ghormley	rghormley@fs.fed.us
Education	Joel Humphries	jhumphries@blm.gov
Fund Raising and Auction	Joel Humphries	jhumphries@blm.gov
Land Use	Vacant	
Historian	Dangoule Bockus	Dangoule bockus@nps.gov
Newsletter	Aran Johnson	ajohnson@southernute-nsn.gov
	Greg Davidson	greg@finditdetectiondogs.com
Nomination/elections	Vacant – this is President-	
	elect's duty	
Policy/Resolutions	Vacant	
Membership	Mindy Rice	Rice1min@gmail.com
Small Grants and Travel Grants	Chris Mettenbrink	Chris.mettenbrink@state.co.us
	Nathan Seward	Nathan.seward@state.co.us
Professional Awards	Vacant	
Student Awards	Vacant	
Web Page	Vacant*	
CSU Student Chapter	Bryce Davis	Mustang-fan@hotmail.com
	Liaison: Andrew Don	Andrew.don_carlos@colostate.edu
	Carlos	<u>Larissa.bailey@colostate.edu</u>
	Advisor: Larissa Bailey	
Western Student Chapter	Mady Smith	Madeline.smith@western.edu
	Liaison: Nathan Seward	Nathan.seward@state.co.us
	Advisor: Pat Magee!	pmagee@western.edu
Annual Meeting/Hotel	Pat Magee!	pmagee@western.edu
	Tony Gurzick	tony.gurzick@state.co.us
Workshops	Vacant	
Central Mountains and Plains	Andrea Orabona	Andrea.orabona@wyo.gov
President		
CMPS Section Representative to	Bob Lanka	Bob.lanka@wyo.gov
TWS		
CCTWS Section representative to	Pat Magee!	pmagee@western.edu
CMPS		

Brett Walker has been the webmaster for several years and is willing to train anyone who would like to take on this service position

Special thanks to **Eric Bergman** for chairing the professional awards committee for many years and **Theresa Childers** who has chaired the student awards committee. Also thanks to **Brett Walker** for his services as CCTWS webmaster. **Stacy Lischka** was the CSU student chapter liaison. **Mindy Rice** was the CMPS representative. **Chris Mettenbrink** chaired the workshops committee for our most recent annual meeting. And special thanks to our members who continue to serve as chairs of the remaining important committees. Also thanks to **Max Canestorp** for his photography services.

Please contact Patrick Magee! (pmagee@western.edu; 970-641-3959) if you have interest in serving as a committee chair. Many thanks for your consideration of the several vacancies.