

\$400M luxury hotel breaks ground in Big Sky

Lone Peak Playbook
Big Horn sports and spirit

Butterfield sculpture unveiling Oct. 6

Your offseason business guide



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ON THE COVER: The Ophir Middle School cheer squad assembles a pyramid during halftime at the Sept. 21



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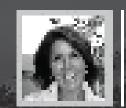
LPHS football game against Harlowton, which they won 36-22. PHOTO BY BAY STEPHENS

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Fall colors were on full display on Reflector Trail, north of the Big Sky Resort golf course, on Sept. 19. PHOTO BY BAY STEPHENS

Do you want to see your photography in the pages of EBS? Submit a maximum of three images via email to carie@outlaw.partners or use #explorebigsky on social media to be eligible. One photo per issue will be chosen for the opening shot.



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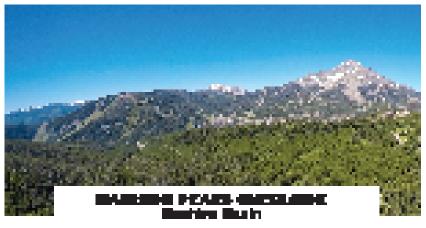


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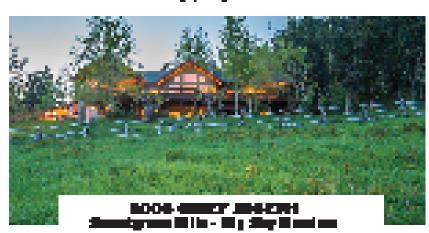
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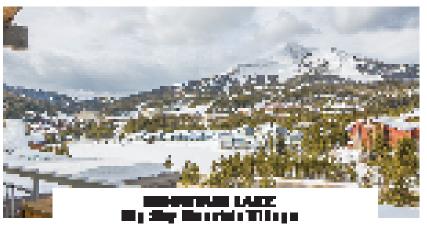
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# MARTHA JOHNSON

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4 September 28 - October 11, 2018 Explore Big Sky



# BSSHA seeks remaining funding for rink refrigeration

EBS STAFF

The Big Sky Skating and Hockey Association, which operates the Big Sky community ice rink, received a \$197,500 challenge grant from the Big Sky Resort Area Tax District during the June 2018 appropriations process. The contract stipulated that the BSSHA must raise \$111,500 toward the total project cost of \$309,000, before receiving resort tax funding.

Although BSSHA has confirmed that they have raised enough money to order key components of a refrigeration system, they still need to raise additional funds in order to fulfill all aspects of their refrigeration plan. This includes the purchase of a Zamboni to replace their current one, which is 41 years old.

"The support of the BSSHA by the community has been overwhelming, but we still have a way to go if we are going to fully achieve our goals," said Big Sky Skating and Hockey Association President, Ryan Blechta. "We are very optimistic that we can do that in time for the coming season."

A major concern for the hockey and skating organization is the energy costs of operating the refrigeration system, which is not yet known. To mitigate that uncertainty, the resort tax board will be providing up to \$22,000 towards energy costs of the first year of operation.

Blechta also said BSSHA has been coordinating with the Big Sky Community Organization on the refrigeration project. "The BSCO has an exciting plan to improve Town Center Park and has been working closely with us to make sure that our rink works well with their plan."

Visit bssha.org to donate.

# Applications being accepted for Madison River rule-making committee

EBS STAFF

The Montana Fish, Wildlife and Parks' Fish and Wildlife Commission is accepting comment on and applications for the proposed independent Madison River Negotiated Rulemaking Committee.

Once finalized, the committee will help develop administrative rule language that could affect commercial and recreational use of the Madison River.

The public can comment on the Fish and Wildlife Commission's decision to form the committee and use negotiated rule making for this effort. Comments on the process and applications for the committee must be received by Oct. 22.

The commission is seeking applications from people willing to serve on a diverse committee of stakeholders with various recreation interests in the Madison River and those affected by recreation management decisions. Eight to 10 people will be appointed to the committee.

Application materials are posted on the FWP website. Click on the "Recreation" tab and look under "Recreation Management."

Interested parties can submit their application to Madison River Negotiated Rulemaking Committee, Department of Fish, Wildlife & Parks, 1400 S. 19th Ave., Bozeman, MT, 59718; or by email to madisonrivercom@mt.gov. People may submit their views and comments concerning the proposed negotiated rulemaking process to the same address and email.

Applications and comments must be received no later than Oct. 22. Selection of committee members will be completed by Dec. 7.

# Horse shootings west of Four Corners under investigation

EBS STAFF

On Sept. 16, a horse belonging to Jake's Horses was shot in a pasture near mile marker 17 on Norris Road.

The Gallatin County Sheriff's Office is investigating after the 2-year-old gelding named Gatsby was found with a gunshot wound in which a bullet fragmented and passed through his neck. This was the third horse shot in the neck in the same pasture during the last six months. All of the animals have survived their injuries.

The sheriff's office declined to comment because the incidents are part of an ongoing investigation. Shooting a horse is a felony offense in Montana.

"At first, the sheriff's department thought the first two incidents might have been accidental or coincidental. After the first two shootings in March and May there was a gap," said Julie Grimm-Lisk, manager of Jake's Horses. "But after this third shooting, the sheriff's office believes these are intentional and deliberate."

Jake's Horses is a year-round professional outfitter and guiding company that's been based out of Big Sky for more than 40 years.

"It's a remote pasture, so we don't expect to catch the person, or get a confession," Grimm-Lisk said. "But people are paying attention now, so hopefully that will dissuade the person or persons responsible from continuing to injure innocent animals. People have reached out to me from across to state to say, 'What kind of person does that?"

Anyone with information about the incidents or who might be involved is asked to call the sheriff's office at (406) 582-2100.

# FWP proposes small bison hunting closure near Gardiner

MONTANA FISH, WILDLIFE AND PARKS

Montana Fish, Wildlife and Parks is seeking public comment on a proposal to close a small portion of Hunt District 385 in Beattie Gulch near Gardiner, Montana, and on the border of Yellowstone National Park to bison hunting due to safety concerns.

The proposed closure is out for public comment now and will be decided upon by the Fish and Wildlife Commission at an Oct. 17 meeting in Helena.

Bison season opens Nov. 15.

Between 200 and 300 bison are harvested every year within a small quarter-mile-square area at the mouth of Beattie Gulch within the proposed closure, and the density of hunters has increased beyond what FWP considers safe. It is common for 20 to 30 or more hunters to shoot simultaneously as groups of bison cross the boundary from Yellowstone National Park into this area. The objective of this proposal is to implement measures for hunter safety while maintaining fair chase hunter opportunity and success in the rest of the hunting district.

A primary corridor for bison migrating north of Yellowstone Park is through Beattie Gulch, and hunters congregate here to take advantage of migrating herds. This proposal would only impact state hunters, not tribal hunters exercising off-reservation treaty rights. FWP issued 40 licenses for the Gardiner Basin portion of HD 385 to state hunters this year.

Comments on the proposal will be taken until Oct. 12, at 5 p.m., and at the commission meeting on Oct. 17. Comments can be submitted online at fwp. mt.gov/hunting/publicComments/2018/beattieGulchBisonHuntingClosure. html.



Roxy's Market recently put out a poll asking Big Sky residents what sustainability practices they would support, such as LED lights, compostable food and beverage products, water-fill stations, plastic water bottle reduction, recycle bins for businesses, and solar energy. How do you practice sustainability and what green efforts would you like to see Big Sky adopt?



**Chris Phillips** *Belgrade, Montana* 

"I grow some of my own vegetables. Working on the Town Center grounds crew, I would like to see better litter control and less plastic."



**Deborah Stannard** *Quakertown, Pennsylvania* 

"Our practice at home is a lot of reusing packaging, like cereal bags, coffee bags, nuts. It's the first step of the reduce, reuse, recycle conservation process. I would like to see plastic recycling expanded beyond [the] one and two [types]; and more bulk products available [in Big Sky].



Kara Blodgett
Big Sky, Montana

"I try not to be wasteful at all, like using reusable lunch bags for my kids. My kids bring up the topic of being environmentally conscious [a lot] which is refreshing because they're going to be carrying the torch. I think Big Sky does a pretty good job of not being wasteful and recycling."



Katy Brandl
Big Sky, Montana

"We recycle at home but I would love to see Big Sky recycle glass."

## Op-ed: Stop the epidemic—vote YES on I-185

BY JOHN HILL

Federal Drug Administration Commissioner Scott Gottlieb's characterization of new data showing a 75 percent increase in e-cigarette use among high school students in the last year is daunting. But you can help to stop this epidemic from becoming endemic—and if you don't use tobacco, you won't pay a cent.

Here at Bozeman Health, our number one priority is to improve community health and quality of life. We see firsthand how important insurance coverage is to promoting active, healthy lifestyles and making it easier to take advantage of low-cost, preventative care. A cornerstone of this coverage is Montana's cost-effective Medicaid program.

That's why we are urging you to vote YES on I-185. This initiative will generate revenue from increasing the state tobacco tax in order to prevent nearly 100,000 hardworking Montana families and veterans from losing their current health coverage through Montana's Medicaid expansion program.

No Montanan should be forced to decide whether they can afford life-saving care for themselves or their families. Medicaid expansion is not a new program—one in 10 hardworking Montanans are relying on this coverage that may expire in 2019 if we do nothing.

While the proportion of Medicaid recipients in southwest Montana is significantly less than areas served by other regional health systems, we want to do our part to help dispel the lies being peddled by Big Tobacco corporations who have dumped more than \$9 million dollars (and counting) into TV, radio and digital ads designed to confuse you. These are the same multinational corporations that have been found guilty of racketeering and lying to the American public about the addictive and deadly nature of their products.

The fact is, I-185 is about keeping hardworking families and kids healthy, so that they can continue to contribute to the communities where they live, work, and play. Smoking is the number one cause of preventable death in Montana.

Tobacco and tobacco-related diseases kill 1,600 Montanans per year and 28 percent of cancer deaths in Montana are a result of smoking. Each year in Montana, 19,000 kids are destined for premature death due to these lethal products.

Tobacco use also costs Montanans \$440 million dollars a year in health care costs. Right now, every Montana household pays nearly \$779 extra in taxes annually to help cover the cost of smoking. And on the small business front, smoking costs Montana businesses \$368.9 million annually in lost productivity. It's time to finally ask Big Tobacco corporations to pay their fair share for the impacts of their deadly products.

What is important to remember is that with I-185, if you don't use tobacco, you don't pay. Not only will this initiative fund programs that prevent kids from smoking and help adults quit smoking, but it will also help to curb the cost of tobacco-related diseases by preventing them in the first place.

By voting to increase the cigarette tax by \$2 per pack, you can be part of the solution to help to prevent 4,800 premature deaths, decrease youth smoking rates by over 20 percent, prevent 8,000 Montana kids from becoming adult smokers, and 9,300 adults quit.

We are asking you to stand with the Bozeman Chamber of Commerce, Big Sky Chamber of Commerce, Cancer Support Community, Community Health Partners, and the 2,000 physicians, nurses, and care team members of Bozeman Health in supporting the continuation of Medicaid Expansion. Please join us in voting YES on I-185 this November.

John Hill is the president and CEO of Bozeman Health.

## Montage ultra-luxury hotel breaks ground at Spanish Peaks

BY BAY STEPHENS EBS STAFF WRITER

BIG SKY - The \$400 million ultra-luxury hotel, Montage Big Sky, to be constructed next to the Spanish Peaks Mountain Club clubhouse, broke ground on Sept. 14, accompanied by speeches from Montana's Lt. Gov. Mike Cooney, U.S. Rep. Greg Gianforte and U.S. Sen. Steve Daines. The hotel is set for a 2021 completion.

Other speakers included Montage founder Alan Fuerstman; managing partner and co-founder of CrossHarbor Capital Partners, Sam Byrne; Big Sky Chamber of Commerce CEO Candace Carr Strauss; CrossHarbor managing director Matt Kidd; and John Fish, the CEO of Boston-based Suffolk Construction, the project's general contractor.

Kidd spoke first from the podium, explaining that the 520,000-square-foot hotel will have 150 rooms, 39 branded residences and Big Sky's first bowling alley. Four distinct restaurants and spa services will be available to the public while hotel guests will have limited access to the Spanish Peaks golf course. Montage Big Sky at Spanish Peaks will be the first luxury hotel of this caliber in the state.

"It's a huge benefit for this Gallatin and Madison county-based economy," Kidd said, adding that the project will create 300 construction jobs a day for the next three years and provide more than 400 operational jobs once open.

In a phone interview on Sept. 19, Lone Mountain Land Company Vice President of Planning and Development Bayard Dominick said there is no employee housing being built as part of the project, but that they'll announce plans to address the issue soon.

"We're working on several options right now for housing and hopefully we'll be able to go public with those in the near future," Dominick said. He also added that locals and non-members will be able to access the spa and restaurants during business hours.

Strauss stressed the importance of the tourism industry in Montana, noting that it drew 12.5 million nonresident

visitors to the state in 2017, who spent \$3.4 million dollars. She added that the industry supported more than 53,000 jobs statewide and 4,200 locally the same year.

"In addition to the Montage Big Sky vastly expanding the hospitality offerings for our visitors, it will create new jobs and continue to fuel the economic expansion of Big Sky, Gallatin and Madison [counties] and the state of Montana," Strauss said.

Byrne said that between the three CrossHarbor Capital-owned clubs—the Yellowstone Club, Spanish Peaks Mountain Club, and Moonlight Basin—CrossHarbor employs more than 1,500 people and "close to 3,000 people a day in high-paying construction jobs."

"Just this project alone will generate \$1.2 million dollars in resort taxes," Byrne continued, adding that projections for future projects they plan to implement are forecast to increase resort tax collections by approximately \$5 million over the next six years.

In a members-only presentation in the Spanish Peaks clubhouse, several members' concerns over crowding were addressed. "I think the way it was presented was very positive," member Carrol Kistler said.

"I think the team they assembled sounds like first-rate, unbelievable professionals," Scott O'Connor, another member, said. "There's going to be added people up here, obviously, but there's times when there's nobody up here. I don't think it's going to become crowded up here."

Both Kistler, O'Connor and their spouses were impressed by Suffolk Construction's John Smith, agreeing that they felt the project was in good hands.

"One of this country's largest ski areas is booming, in no small part thanks to your efforts," Lt. Gov. Cooney said of the team that orchestrated the project. "The state of Montana is on a great path forward."

Gianforte and Daines made similar remarks in their speeches, emphasizing the high-paying jobs the hotel's construction and operations will bring to the area.

"It's great to have a world-class partner in this project," Gianforte said to Alan Fuerstman. "We know, with your reputation, this is going to be an incredible asset for Montana. ... The outdoors is part of our way of life, and to have assets here so we can draw new Montanans in, it's a tremendous thing."

Along with Cooney and Gianforte, Daines thanked Byrne for his role in Big Sky's development.

The project appears to be well-received by Spanish Peaks Mountain Club members, but social media responses to the news of the groundbreaking revealed an undercurrent of discontent among locals who are not members of the area clubs and are concerned about issues related to affordable housing and construction traffic in Big Sky and the Gallatin Canyon.



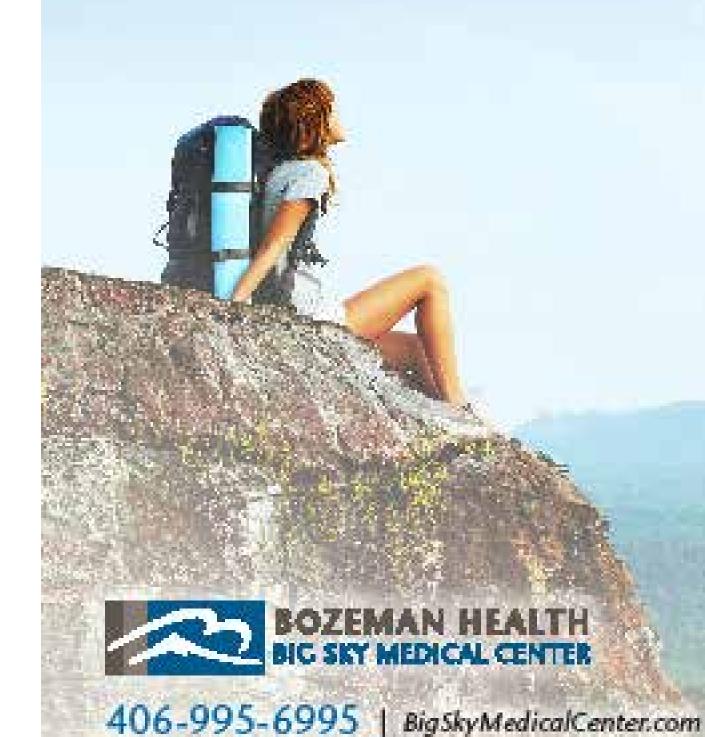
From left to right, CrossHarbor Capital Partners Managing Director Matt Kidd, CEO of Boston-based Suffolk Construction John Smith, Montage Founder Alan Fuerstman, Big Sky Chamber of Commerce CEO Candace Carr Strauss, Lt. Gov. Mike Cooney, U.S. Rep. Greg Gianforte, U.S. Sen. Steve Daines, and Managing Partner and Cofounder of CrossHarbor Capital Sam Byrne all gave speeches at the Sept. 14 groundbreaking of the Montage Big Sky in Spanish Peaks Mountain Club. PHOTO BY BAY STEPHENS

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# **Effluent disposal study released to water sewer district**Draft available to public, formal presentation to follow

BY SARAH GIANELLI EBS SENIOR EDITOR

BIG SKY – At a Sept. 18 meeting of the Big Sky Water and Sewer District board, in addition to an update on the ongoing study of the output potential and treatment needs of two additional Big Sky wells, the Bozeman firm Advanced Engineering and Environmental Services (AE2S) provided a status report on the effluent treatment and disposal study that they've been preparing since January.

Scott Buecker, senior project manager at AE2S, said the 300-page document, and an executive summary of its contents, would be disseminated for the board's assessment on Sept. 26. Rather than give a public presentation of the draft of AE2S's findings and recommendations, the board decided they would like to review it, make suggestions, and allow AE2S to amend the document before presenting it to the public during a town hall meeting in the months to come.

The draft is now available to the public upon request.

The report will contain a matrix of the different disposal options, the costs associated, and the level of treatment facility upgrade required for each. "Discharging to the Gallatin is the most established framework," Buecker said, adding that snowmaking is the most uncertain option at this point.

Board members Brian Wheeler, director of real estate and development at Big Sky Resort, and Mike DuCuennois, vice president of development for the Yellowstone Club, reacted to district manager Ron Edward's affirmation of AE2S's projections that disposal quantities via snowmaking "don't move the needle much in terms of disposal effect."

"Snowmaking came out on top from the water solutions forum, now you're saying it's not a good option," Wheeler said, to which Buecker and Edwards

responded almost simultaneously that there were no engineering figures to back it up.

A bureaucratic hurdle to snowmaking with treated effluent is the lack of precedent at the state level, so all terms and regulations would have to be established from scratch with the Montana Department of Environmental Quality.

DuCuennois is hoping to submit an application to DEQ within the next few months to at least get the process rolling.

Guy Alsentzer, executive director of Upper Missouri Waterkeeper and a regular watchdog presence at district board meetings, voiced his opposition to the board editing the draft before presenting it to the public, calling for more transparency.

"That said, I will be substantively reviewing [AE2S's report] and so too will a nutrient pollution and wastewater engineering expert that Waterkeeper has retained," Alsentzer wrote in an email to EBS, reiterating what he told the board. "We intend to produce a critique for public consumption by mid-October, if timetables remain as planned."

Because the study and recommendations will concern treatment and disposal options for wastewater, among them the hot-button topic of direct discharge into the Gallatin River, the board is taking precautions in their roll out of the study because of its potentially controversial nature.

The board will select a date for a public presentation of the study at the next board meeting at 8 a.m. Tuesday, Oct. 16, in the Big Sky Water and Sewer District office.





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# Patrick McCauley recalls bygone costume parties

#### BY PATRICK MCCAULEY AS TOLD TO EBS STAFF WRITER DOUG HARE

I moved to Big Sky from Indianapolis in 1999 thinking I would be here for a season. And here we are 20 years later. Back then Town Center east of the fire department was mostly sagebrush and tumbleweeds. There were no Firelights, no Moonlight Lodge, not much really.

In the early 2000s, I was working at the Black Bear Bar & Grill and as a concierge for the resort. There was one sheriff that patrolled the entire county: Frank Calvin. If we had a problem in the bar or a melee in the parking lot, he'd usually tell me that he was down in West Yellowstone or Bozeman and it'd be "an hour or two." We were kind of on our own for quite a few years.

I miss the legendary costume parties of that era. It gave a chance to locals to dress up, let loose and get weird. You could get away with a lot more back then. Everything has kind of grown up. Before "Big Sky" started having kids, we were living more frivolously and carefree. You could always find a way home or a couch to crash on. We still have Snobar, Bluegrass Fest, and dirtbag festivities, but those seem more watered-down now.

I remember the "Heaven and Hell" parties in the Mountain Mall with Dante's, now Montana Jack's, being white and angelic with astral rave music from above and then a treacherous spiral staircase descent into Lolo's downstairs, demonic music emanating from the depths. Just hanging out in the hallway sitting on the benches, aka "Purgatory," seeing the sinners and saints voyage back and forth was hilarious people-watching.

The nights when even the most conservative girls dressed in fishnets in the middle of winter might have been my favorite. Anyone could dress up in a fur coat, gold chains, a cane with a dragon head for a handle and be someone completely else for a few hours. These were in the days before people could sit around and look at a cellphone. We weren't as plugged into the outside world, so we got creative.

During superhero parties at the Black Bear, you'd see all kinds of costumes: Marvel characters, people making up their own superhero, or Keith Kuhns who now owns Scissorbills as Duffman from the Simpsons—everyone was dressed up, even the bartenders, even the respectable individuals, who were in management roles and ran the town, participated in the dressing up and a little debauchery. We all knew how to get loose.



On Oct. 2, 2002, Patrick McCauley, dressed as Splinter, posing with the Ninja Turtles, April O'Neil, and a mummy before an infamous Superhero party at the now-closed Black Bear Bar & Grill. PHOTO COURTESY OF PATRICK MCCAULEY

The community being so tight-knit is what probably kept me here. I made a solid friend base. Those parties went on for years until the locals started growing up and having kids. Things seem more controlled now. We leveled out our lifestyles and don't get after it like we used to. And the atmosphere of the places in those days is gone, probably for good. Everybody used to be in pretty much the same boat.

A lot of people have soured on the resort for their price structures and corporate mindset. You didn't feel like you were being watched back then. The business owners used to be part of the party, now people are more concerned about their image. They didn't used to think that way around here.

Patrick McCauley is a longtime bartender in the Big Sky area who plays a good game of golf and still cheers for his favorite Cleveland sports teams.

#### Locals Fishing Report from Gallatin River Guides

Brought to you by Jimmy Armijo-Grover, General Manager



October is arguably the best fall month to fish in SW Montana, at least it's my favorite. Angling pressure decreases significantly on most of our rivers, with the exception of the Madison in Yellowstone National Park. A large percentage of local anglers are more focused on filling their hunting tags.

Fish on the Gallatin will start to move into their winter holding water. This makes finding them a little more challenging, but once you do there will be more of them in a small area. There aren't many bugs to speak of anymore and most fish will be caught subsurface on small nymphs like midges and baetis. Getting fish to feed on the surface will take some patience, but as angling pressure subsides

fish may be more willing to feed on larger attractors and parachute may fly imitations. Caddis and stonefly hatches are mostly over and done with on the Gallatin for the year. Much of the Gallatin in Yellowstone National Park has been closed as of late due to the Bacon Rind Fire. Check with the park or local shop for more info on that closure.

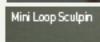
The upper most sections of the Madison from the confluence of the Gibbon and Firehole in the park to \$3 Bridge will get the most attention in October, especially in the park until it closes to fishing for the season in early November. This is a great time of year to explore the lower Madison from Beartrap Carryon downstream or the waters closer to Ennis. Opportunities to fish dries, streamers and nymphs will exist all through the month. For nymphs still primarily to midges and baetis patterns in the 18-20 range.

Floating the Yellowstone River remains a fun option in October as well. Being willing to anchor up and work some of the better runs and back channels will improve your catch rate for the day. Fish will still eat hoppers and other terrestrials into October and good numbers of baetis will continue to hatch. Although swinging and stripping streamers will not move a large number of fish it's still a good option for those hoping to hook into a larger trout.

Be careful not to wade over brown trout redds. Trout eggs are very delicate and you could easily destroy dozens or even hundreds of eggs in a day by wading over spawning beds. If you are unsure what to look for do a quick google search or chat with your local fly shop. And for Yellowstone National Park remember no lead, barbless hooks, no felt boots or waders, and no rubber worms.













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BEEHIVE BASIN BREWERY*	OPEN DAILY
BLUE MOON BAKERY	OPEN DAILY
BROKEN SPOKE BAR*	OPEN DAILY
THE BUNKER BAR & GRILL	CLOSED UNTIL SUMMER 2019
BY WORD OF MOUTH	CLOSED SATURDAYS & SUNDAYS
COMPASS CAFÉ BY SOLA	OPEN DAILY
CHINA CAFE	TBD
CHOPPERS GRUB & PUB	CLOSED TUESDAYS
THE COUNTRY MARKET	OPEN DAILY
ENOTECA	CLOSED SUNDAY-TUESDAY
THE GOURMET GALS	CLOSED SATURDAYS & SUNDAYS
HUNGRY MOOSE MARKET & DELI	CLOSED OCT. 29 - NOV. 9
LONE MOUNTAIN RANCH	CLOSED OCT. 15 - DEC. 8
LONE PEAK BREWERY	OPEN DAILY
LONE PEAK CINEMA*	OPEN DAILY
LOTUS PAD	CLOSED OCT. 31 & NOV. 22
MICHAELANGELO'S	CLOSED OCT. 1 - DEC. 12
MILKIES PIZZA & PUB	OPEN DAILY
MOE'S BBQ	OPEN DAILY, DATE CLOSURES TBD
OLIVE B'S BISTRO	OCT. 13 - DEC. 2
OUSEL & SPUR	OPEN DAILY, DATE CLOSURES TBD
ROXY'S MARKET	OPEN DAILY
THE WRAP SHACK	OPEN DAILY, DATE CLOSURES TBD
RETAIL	
ACE HARDWARE	OPEN DAILY
BOZEMAN HEALTH PHARMACY AT BIG SKY	CLOSED SUNDAYS
CREIGHTON BLOCK GALLERY	BY APPOINTMENT
EAST SLOPE OUTDOORS	OPEN DAILY
GALLATIN ALPINE SPORTS	CLOSED MID OCT NOV. 17
GALLATIN RIVER GALLERY	BY APPOINTMENT
GRIZZLY OUTFITTERS	CLOSED SUNDAYS
HORSE OF A DIFFERENT OF COLOR	OPEN DAILY
HUNGRY MOOSE MARKET & DELI	CLOSED OCT. 29 - NOV. 9
MEADOW VILLAGE COUNTRY MARKET	OPEN DAILY
OZSSAGE THERAPEUTIC SPA	CLOSED SUNDAY - MONDAY
RHINESTONE COWGIRL	CLOSED OCT. 22 - NOV. 13
ROXY'S MARKET	OPEN DAILY
SHELLY BERMONT FINE JEWELRY	CLOSED SEPT. 29 - DEC. 14
THE CAVE SPIRITS & GIFTS	CLOSED SUNDAY - MONDAY
THE CAULDRON BOTANICALS	CLOSED SUNDAY - MONDAY
WESTERN ART FORUM	BY APPOINTMENT
THE TROVE WEST	CLOSED SUNDAY - TUESDAY
WILLOW BOUTIQUE	OPEN DAILY, DATE CLOSURES TBD
THE SPICE AND TEA EXCHANGE	OPEN DAILY
LODGING	
LONE MOUNTAIN RANCH	CLOCED OCT - DEC
LONE MOONTAIN NAME!	CLOSED OCT. 14 - DEC. 7
RIVER ROCK LODGE	CLOSED OCT. 14 - DEC. 7 CLOSED SEPT. 30 -DEC. 13

# → MOUNTAIN

DINING	DATES CLOSED
ANDIAMO'S ITALIAN GRILL	CLOSED SEPT. 28 - NOV. 22
C & P GROCERY	CLOSED SEPT. 28 - NOV. 22
THE CABIN BAR & GRILL	CLOSED, OPEN DATE TBD
CARABINER LOUNGE	CLOSED SEPT. 28 - NOV. 22
CHET'S BAR & GRILL	CLOSED SEPT. 28 - NOV. 22
EVERETT'S 8,800	CLOSED SEPT. 28 - NOV. 22
FONDUE STUBE	CLOSED SEPT. 28 - NOV. 22
HEADWATERS GRILLE	CLOSED SEPT. 28 - NOV. 22
HUNGRY MOOSE MARKET & DELI	OPEN DAILY
HUNTLEY DINING ROOM	CLOSED SEPT. 28 - NOV. 22
LONE PEAK CAFÉ	CLOSED SEPT. 28 - NOV. 22
M.R. HUMMERS	CLOSED SEPT. 28 - NOV. 22
MONTANA JACK	CLOSED SEPT. 28 - NOV. 22
MOUNTAIN MOCHA	CLOSED SEPT. 28 - NOV. 22
MT SMOKEHOUSE	CLOSED SEPT. 28 - NOV. 22
PEAKS RESTAURANT	CLOSED SEPT. 28 - NOV. 22
PIZZA WORKS	CLOSED SEPT. 28 - NOV. 22
SCISSORBILLS SALOON	OPEN DAILY, DATE CLOSURES TBD
YETI DOGS	CLOSED SEPT. 28 - NOV. 22
RETAIL	
BIG SKY SPORTS & BOARD ROOM	CLOSED
THE BOARD ROOM	CLOSED
BURTON STORE	CLOSED
HUNGRY MOOSE MARKET & DELI	OPEN DAILY
JP WOOLIES	CLOSED
ICONIC OAKLEY	CLOSED
LONE MOUNTAIN SPORTS	CLOSED
LONE PEAK LOGO	CLOSED
PAPARAZZI FUR	CLOSED
PROVISIONS & OUTFITTERS	CLOSED
LODGING	
BIG SKY RESORT	CLOSED OCT. 7 - NOV. 22
THE LODGE AT BIG SKY	OPEN

# CANYON

DINING	DATES CLOSED
320 RANCH DINING ROOM	CLOSED OCT. 7 - MAY 24, 2019
320 RANCH SLEIGH RIDE DINNER	BY RESERVATION JAN 5 MAR. 1
BUCKS T-4 LODGING & DINING	CLOSED OCT. 7 - NOV. 23
CALIBER CAFÉ	OPEN DAILY, DATE CLOSURES TBD
THE CORRAL	OPEN DAILY
GALLATIN RIVERHOUSE GRILL	OPEN DAILY
RAINBOW RANCH LODGE	OPEN DAILY
SLIDER'S DELI	OPEN DAILY
RETAIL	
CONSIGNMENT CABIN OF BIG SKY	OPEN DAILY
GALLATIN RIVER GUIDES	OPEN DAILY
GRIZZLY OUTFITTERS ON THE RIVER	CLOSED MONDAYS
JILL ZEIDLER CERAMIC ART STUDIO	BY APPOINTMENT
RYAN TURNER PHOTOGRAPHY	CLOSED SATURDAY-WEDNESDAY & APPTS.
VETERINARY CLINIC OF BIG SKY	CLOSED SATURDAY - SUNDAY
WILD TROUT OUTFITTERS	OPEN DAILY
LODGING	
320 GUEST RANCH	CLOSED OCT. 7 - MAY 24, 2019
BUCK'S T-4	OPEN
CINNAMON LODGE CABINS	OPEN
RAINBOW RANCH	OPEN
THE INN ON THE GALLATIN	CLOSED NOV. 10 - DEC. 12
WHITEWATER INN	OPEN
THE CORRAL	OPEN



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# Big Sky showed big spirit during LPHS homecoming week!

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MORE LPHS SPORTS COVERAGE ON PAGE 22





PHOTOS BY BAY STEPHENS





# BSCO acquires snowmobile, groomer

This summer, the Big Sky Community Organization purchased an Arctic Cat Bearcat snowmobile, and Ginzu groomer and roller/compactor in order to maintain a series of multi-use trails this winter.

Jeff MacPherson, BSCO asset manager, will operate this equipment, grooming trails in Big Sky Town Center, along the South Fork Trail, and the Far East Trail that begins at the Big Sky Community Park. He said BSCO also plans to compact walking trails such as Little Willow Way and the Crail Trail.

A selection of trails will be open to dogs, though owners are remined to clean up after their pooches even in the wintertime.

In past years, Lone Mountain Ranch groomed trails in the Big Sky Community Park and south of Lone Mountain Trail, however they were unable to access these trails last year once construction began on the new Wilson hotel.

The equipment was fully funded by Big Sky Area District Resort Tax appropriations.

PHOTOS COURTESY OF BIG SKY COMMUNITY ORGANIZATION





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## Grizzlies get back US protections, Rockies hunts blocked

BY MATTHEW BROWN ASSOCIATED PRESS

BILLINGS (AP) – The first public grizzly bear hunts in the Northern Rockies in almost three decades have been blocked by a U.S. judge who rejected government claims that the fearsome predators had recovered from near-extermination.

U.S. District Judge Dana Christensen ordered federal protections restored on Sept. 24 for more than 700 bruins in and around Yellowstone National Park.

Wyoming and Idaho were on the cusp of allowing hunters to kill up to 23 bears this fall—the first planned hunts in the U.S. outside Alaska since 1991.

The ruling was condemned by state officials who spent months planning the hunts, but there was no immediate word on whether an appeal seeking to overturn the ruling would be filed.

Christensen wrote in his ruling that the case was "not about the ethics of hunting." Rather, he said, it was about whether federal officials adequately considered threats to the species' long-term recovery when they lifted protections last year.

In the judge's view, the answer was no.

He noted that an estimated 50,000 bears once roamed the contiguous U.S. and said it would be "simplistic at best and disingenuous at worst" not to consider the status of grizzlies outside the Yellowstone region, one of the few areas where they have bounced back.

Wyoming Gov. Matt Mead said the ruling provided further evidence of flaws in the Endangered Species Act and the need for Congress to make changes.

"Grizzly bear recovery should be viewed as a conservation success story," Mead said in a statement.

A bid to remove protections for the region's gray wolves ran into similar legal problems last decade. In that case, Congress intervened in 2011 to strip safeguards from the animals in Montana and Idaho through legislation, opening the way to public wolf hunts.

Pressure to lift protections on bears and allow hunting has increased in recent years as the number of conflicts between bears and people increased. Most of those conflicts involve attacks on livestock but occasionally bears attack people, such as a Wyoming hunting guide killed earlier this month by a pair of grizzly bears.

The ruling marks a victory for wildlife advocates and Native American tribes that sued when the Interior Department revoked federal protections. They argued that the animals face continued threats from climate change and loss of habitat.

Tim Preso, an attorney with Earthjustice who represented many of the plaintiffs, said Christensen's ruling made clear that the government had moved too hastily to remove protections because bears are absent from much of their historical range.

"Putting the blinders on to everything other than Yellowstone grizzlies was illegal," he said. "We tried to get them to put on the brakes, but they refused to do that."

Hunting and agriculture groups and the National Rifle Association had intervened in the case seeking to keep management of grizzlies under state control.

Restoring protections will allow the grizzly population to grow unchecked, "endangering the lives and livelihoods of westerners who settled the region long ago," said Cody Wisniewski, a lawyer for the Wyoming Farm Bureau, which represents farmers and cattle ranchers.

The grizzlies living in and around Yellowstone were classified as a threatened species in 1975 after most bears had been killed off early last century and the population was down to just 136 animals.

Government biologists contend Yellowstone's grizzlies are now thriving, have adapted to changes in their diet and are among the best-managed bears in the world.

U.S. Fish and Wildlife Service spokeswoman Jennifer Strickland said the agency was reviewing the ruling but stood behind its decision to lift protections.

The agency initially declared a successful recovery for the Yellowstone population in 2007, but a federal judge ordered protections to remain while wildlife officials studied whether the decline of a major food source—whitebark pine seeds—could threaten the bears' survival.

The Fish and Wildlife Service concluded last year it had addressed that and all other threats and said the grizzlies were no longer a threatened species requiring restrictive federal protections for them and their habitat.

That decision turned management of the bears over to the states, which agreed on a plan that set hunting quotas based on the number of deaths each year to ensure the population stays above 600 animals.

The federal agency has been moving toward lifting federal protections for another group of about 1,000 bears living in Montana's Glacier National Park and the Bob Marshall Wilderness, but it first wanted to see how Christensen ruled on the Yellowstone case.

Associated Press writers Matt Volz in Helena and Mead Gruver in Cheyenne, Wyoming contributed to this story.



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SECTION 2: ENVIRONMENT, SPORTS, BUSINESS & DINING







#### The New West:

### What would TR say? Let's ask his great-grandson



BY TODD WILKINSON EBS ENVIRONMENTAL COLUMNIST

When Theodore Roosevelt IV passed through Bozeman in the summer of 2017, he and his wife, Connie, were on the hunt. Their quest: hoping to buy a "getaway place" in the Greater Yellowstone Ecosystem where he could stalk solitude away from Manhattan skyscrapers, pursue elk in the fall with a rifle or bow and

maybe have access to a stream with good trout water.

Roosevelt, as one might expect, has an almost preternatural disposition for enjoying the outdoors. As the great-grandson of the most pioneering conservation president in U.S. history, TR IV goes simply by "Ted."

In person, he is less imposing and more bashful than one might expect. At 76, he's impressively agile of mind and body. A lifelong Northeast Republican and former Navy SEAL who earned an MBA from Harvard, he is, by profession, a New York City investment banker.

Roosevelt has never been an attention-grabbing kind though he's never been afraid to speak out in defense of wild places.

TR IV, as a late teenager on a road trip to work a summer job with the Bureau of Land Management in Wyoming, remembers feeling stupefied, in the most pleasant way possible, upon entering the open vistas that got bigger after crossing the 100th meridian.

"It didn't take long for me to take notice and realize this is a different part of the country, different from anything I've experienced before," he said. "Look at the size of the country, look at the views. And I liked the people out here. We talk about Southern hospitality, but Western hospitality is just as great."

These days, he confesses, there are many moments when he feels unsettled, when as a self-avowed traditional political moderate he is out of place— "an endangered species," he says, within the Grand Old Party.

Yes, it's the same party once led by his legendary blood ancestor whom he affectionately references as "the old lion" and whose face is chiseled into the side of Mount Rushmore. The same person who helped ignite a pioneering movement to save bison from extinction; who created the U.S. Forest Service and the first national forest, the Shoshone; who founded the Boone and Crockett Club that laid the groundwork for the North American Model of Wildlife Conservation; and who has an arch named after him at the northern gate of Yellowstone.

Equally as important, as a maverick president, he innovated a novel classification of land protection—national monuments—some of which evolved into full-fledged crown jewel national parks such as Grand Canyon and Grand Teton.

Three-quarters of Republicans today—in some polls an even higher percentage—are said to approve of President Donald Trump's job

performance, but Ted Roosevelt isn't among the cheerleaders. Odds are good you'll never see him wearing a red MAGA trucker's cap.

In fact, he isn't alone. He often hears from friends, longtime influential GOP stalwarts, who backed Nixon and Reagan and have become intensely disenchanted with their party's surge to the far right and painting even government itself as an enemy. They worry that the Republican tradition of tethering conservatism with conservation and supporting sensible, forward-minded environmental protection laws is being rapidly disassembled.

Roosevelt predicts it could prove costly, not only for the health of the environment, but contribute to a public backlash leaving the GOP electorally out of favor and power for years to come.

He says he was "astounded" when the GOP, during one of its planks unveiled at the 2016 national convention, included the disposal of federal public lands, either handing them over to states or selling them off. His great-granddad would have considered it heresy.

What has happened within the Republican Party? Roosevelt suggests moderates were utterly unprepared for the radical shifts wrought by insurgent Tea Partiers in response to Obama's election. But the veering away from its core conservative values started two generations ago.

"Roosevelt has never been an attention-grabbing kind though he's never been afraid to speak out in defense of wild places."

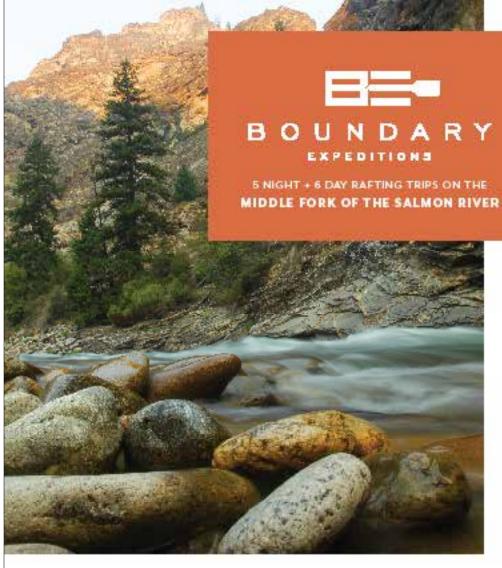
Roosevelt does not see himself as a mugwump, but some have suggested that he be drafted onto a political ticket, paired with someone like Ohio Gov. John Kasich—whom he endorsed in the 2016 GOP primary—or U.S. Russian Ambassador Jon Huntsman Jr., or U.S. Senate candidate and former Massachusetts Gov. Mitt Romney of Utah to challenge Trump-Pence in the 2020 Republican primary. With a name like Ted Roosevelt, it would command significant symbolic cachet.

Others have mentioned TR IV in conceptual discussions about organizing a third "Unity Party" to rally Americans together around that ideological space known as "the radical middle." Under this scenario, it could involve someone like Kasich, a Republican, running with his friend, Colorado Gov. John Hickenlooper, a Democrat and, if elected, tapping Roosevelt and other moderates from both parties to serve in cabinet posts.

For now, this is only reverie happening in whispers at the edges.

Todd Wilkinson is founder of Bozeman-based Mountain Journal (mountainjournal.org) and a correspondent for National Geographic. He also is author of "Grizzlies of Pilgrim Creek" about famous Jackson Hole grizzly bear 399 featuring 150 photographs by Tom Mangelsen, available only at mangelsen.com/grizzly.

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# New book explores conservation of the mountain lion

#### 'Path of the Puma' hits shelves Oct. 9

BY JESSIANNE CASTLE EBS CONTRIBUTOR

BOZEMAN- In the face of burgeoning human development and a changing climate, many wild animals are under threat. And yet wildlife biologist Jim Williams has overwhelmingly positive news: mountain lions, the ghost cats of the mountains, are thriving.

In his debut book, "Path of the Puma," which is set for release on Oct. 9 by Patagonia Books, Williams describes this conservation success as an "unlikely story, because it is a very lonely exception to the rule. Big, wild cats worldwide are in trouble, threatened and endangered. ... And yet, the mountain lions of North America and the pumas of South America are thriving, dispersing and expanding and rewilding entire continents.

"They are beating the odds," he continues. "They are hope for those of use who believe our future will depend, in large part, on finding the wild."

Williams' book is an ecological exploration into the success of the mountain lion, drawing from his 25-year career as a wildlife biologist for Montana Fish, Wildlife and Parks.

Ecological concepts are embedded in adventure stories throughout the pages of "Path of the Puma," beginning with North American explorations and ending with his work with Partners of the Americas in Chile and Argentina. Captivating tales are accompanied by striking images of wild mountain lions in natural habitats, as well as shots of the many other wild animals with which the cats share homes.

Initially working in the Bob Marshall Wilderness on the Rocky Mountain Front, Williams' interest in the elusory mountain lion has taken him south all the way to the Patagonian tip of Argentina and Chile. He's relocated caribou in mountain lion habitat in British Columbia, watched a lion stalk Rocky Mountain bighorn sheep, touched spotted puma cubs not two weeks old, and scrutinized the southern cat's favorite meals: Magellanic penguin, guanaco and vicuña.

"Patagonia is like a magical place," Williams said. "The landscape is similar [to Montana,] but you can feel how far away from home you are."

Speaking of the writing process, Williams said he and the editors from Patagonia Books worked tirelessly over the course of five years. "I have a whole new, profound respect for writers," he said.



Jim Williams, the author of "Path of the Puma," holds a tranquilized mountain lion in the Bob Marshall Wilderness early in his career as a wildlife biologist. PHOTO COURTESY OF JIM WILLIAMS



*Puma concolor,* otherwise known as the mountain lion or puma, is one of Earth's most elusive creatures. This lion was photographed in Argentina. PHOTO BY DARIO PODESTA

"Path of the Puma" is one of a collection of conservation books published by Patagonia, and Williams is proud to be a part of a larger dialogue captured in print. "In this digital world, it's great to see a company that cares so much about hardbound books."

Puma concolor is known by many names—mountain lion, cougar, panther, ghost cat, mountain cat—but Williams says his favorite name is "puma," a word derived from the Quechua language that simply means "powerful animal."

This stealthy creature has been found across both Americas, from Canada's Yukon Territory, all the way to the southern-most tip of Tierra del Fuego in Argentina and Chile.

In his book, Williams posits an answer to the question of why lions are not only surviving, but thriving, while other animals are not. He suggests that it's to do with their stealth. Perhaps, he writes, it's because they aren't seen.

"I think what's most fascinating to me, and the most terrifying, is that if mountain lions are thriving, if the reason is that we can't see them, what happens if we have more technology and can see them? What happens then?" he said.

Today, Williams serves as FWP's Northwestern Regional Supervisor, where he oversees about 100 people based near Kalispell, Montana, in the Flathead Valley. Throughout Williams' career, he's particularly enjoyed working on the ground with people.

"My entire career and my interest and my skillset could be defined by one word: people," he said. "Mountain lions have always been part of it; I need to find the wild ... but I'm not a loner; I need to find people."

He added that his work in local communities gives him hope for conservation. "I think information is very powerful for folks. ... That type of conservation is durable and it lasts," he said.

"Path of the Puma" will be available beginning Oct. 9 in bookstores and online. An early release of the book is available at patagonia.com. Visit pathofthepuma.com to learn more.





# NRCS leadership shares insight on Montana conservation

BY JESSIANNE CASTLE EBS CONTRIBUTOR

BOZEMAN – With a title like state conservationist, it's no surprise Tom Watson cares about natural resources. Less evident, though, might be his integral role in building relationships with private landowners across Montana.

Recently assuming his position with the U.S. Department of Agriculture's Natural Resources Conservation Service, Watson is responsible for the agency's operations in Montana and is tasked with administering technical and financial assistance to landowners and agricultural producers in the name of conservation on private land.

By providing technical and financial assistance, the NRCS encourages voluntary conservation and landowner goals are integral to the assistance provided. An agricultural producer might be interested in anything from new strategies that improve on-farm energy efficiency or creating pollinator habitat, to regenerating soil health or partnering for conservation easements.

Prior to coming to Montana, Watson worked as an assistant state conservationist in Oregon. He has also served with NRCS as a District Conservationist in Wyoming after graduating from the University of Wyoming with a range management degree. Watson grew up on a small farm in western Nebraska and has spent his whole life connected to agriculture.

On Sept. 21, from a rest stop on his way back to Bozeman from Plentywood in the northeast corner of the state, where he had met with landowners and partners, Watson shared his insight on resource conservation with EBS.

Explore Big Sky: What brought you to Montana?

**Tom Watson:** I am a 29-year veteran with NRCS. I've spent nearly 23 years in Wyoming and I've worked my way up from the field. I moved to Oregon in 2012 then in early 2018, the Montana position was available. I'm a product of the West, so I feel like I have a good understanding on what challenges there are for producers and people who make a living in the West.

EBS: What do you plan to do over the next year on behalf of NRCS?

T.W.: Roll out and implementation of the new Farm Bill will be a big priority for the agency. As you know, every Farm Bill can be a bit different as Congress makes necessary changes and adjustments to farm policy and programs. Once the Farm Bill is passed, we will be moving forward to share those changes and help producers understand any differences with respect to the conservation title piece. One program change that many producers are very interested in with the new Farm Bill is what will happen to the Conservation Stewardship Program. Other producers are excited about conservation easement opportunities through the Agricultural Conservation Easement Program and new funding levels that may be coming to Montana.

EBS: What will you take from your experience in Wyoming and Oregon and apply in this state?

**T.W.:** I think a value in working in other states is getting to interact with producers and better understanding the challenges they face. There also is a huge benefit in terms of working with the many conservation partners across the landscape. Every state is unique but the one constant is the importance of building relationships with producers and partners based on trust.

EBS: What challenges do you think we face in Montana?

**T.W.:** One of the biggest challenges I see is how best do we focus our assistance where it makes the most difference? There are many



Tom Watson is the new NRCS state conservationist, responsible for overseeing financial and technical assistance to private landowners for individual conservation initiatives. PHOTO COURTESY OF NRCS

challenging resource concerns across such a big state, from forest to soil to plant health, insufficient water to inefficient water use, water quality to wildlife habitat.

**EBS:** In your experience, what have you found to be the most effective tool for working with landowners?

**T.W.:** I think a couple of tools I've found are tried-and-true in what the agency believes in: to provide science-based information and provide conservation alternatives. Every producer knows what would work for them, not everything we do is something producers can or are willing to do at that time. We let them make that decision and be in the driver's seat for voluntary conservation. That allows them to also have that trust when you're not put into that regulatory mode. It's a huge difference on the voluntary side versus the regulatory side.

EBS: Where do you see NRCS in Montana in five years?

**T.W.:** Really focusing on providing our financial and technical assistance in places that make a difference. I really see us trying to focus on what the resource concerns are that impact communities and what outcomes they are looking for. How can we best treat a landscape that creates that outcome and moves the proverbial needle? It takes partners to come to the table and want to work and leverage money and technical assistance with the NRCS, and obviously it takes ready and willing producers to consider how we best make a difference on the landscape.

Visit mt.nrcs.usda.gov to learn more about programs offered by NRCS.







# THE LONE PEAK PLAYBOOK



BY BAY STEPHENS EBS STAFF WRITER



Senior Solae Swenson soars to hit the ball in the Lone Peak Big Horns homecoming volleyball match against Manhattan Christian School. PHOTO BY BAY STEPHENS

#### Volleyball

"Big Sky's darlings," as head coach Missy Botha has dubbed her Lady Big Horns, have had a busy schedule the past two weeks with three wins and two losses.

On Sept. 14, the Lady Big Horns lost their first match of the season to the Gardiner Bruins in three sets, 25-17, 25-14 and 25-18. Consistently one of the better teams in the league, Gardiner gave the Big Horns a tough run. Nevertheless, the Big Horn crowd roared their support of their volleyball team with a resounding student-led "Three, two, one—Yessir!" every time the bears wound up and served.

Away at Belgrade High School on Sept. 18 the Big Horns played a tight match, overcoming the Panthers in five close games.

In their homecoming match against Manhattan Christian School on Sept. 20, the Big Horns lost in four well-met games, winning the first 25-21, and losing the following three. The first game may have been the best-played game the Lady Big Horns have had this season.

The Eagles started off with the stronger hand, staying just a bit ahead of the Big Horns, but it didn't last. When the score was 7-10 in the Eagles' favor, Big Sky's darlings rallied as junior Dounia "Solid" Metje began beaming serves over the net. A 5-point Big Horn scoring spree ensued, complete with senior Solae Swenson's soaring kills, hammer-spikes by Brooke Botha, the sly tips of junior Emma "The Dilemma" Flach, and dialed passing that showcased how these young women have gelled this season.

The crowd roared as the Big Horns trounced the Eagles 25-21 the first game.

The following games were tight, beginning similarly to the first with Manhattan leading before Big Sky caught up and kept neck-and-neck until the end when the Eagles pulled away.

"The first game they played out of their minds, so we know that we match up well with them," Botha said after the game. "I'm very proud of the way they played. It was probably one of the best passing-to-target games that they've played so far."

The next day, Lone Peak swept Sheridan Public Schools Panthers in Sheridan in three games.

On Sept. 25, the Lady Big Horns celebrated Senior Night with a decisive win over the West Yellowstone Wolverines in three games: 25-8, 25-14, 25-13.

"Our big hitters put on a show for the Big Sky crowd with Solae 'Killshot' Swenson putting down 12 kills, and Brooke 'Hawaiian Punch' Botha with 10," Botha wrote in an email to EBS.

Prior to the match Big Horn fans paid tribute to graduating seniors Kodi Boersma, Solae Swenson and Brooke Botha.

"These special student-athletes are all National Honor Society members, have long resumes of school-club involvement, and have big plans for after graduation," Botha said.

"I had to thank Brooke for 'putting up' with me being her coach," Botha added. "It isn't easy having your mom as a coach, but I think we worked well together and it has been an absolute joy sharing the court with her."



Junior quarterback Frankie Starz winds up for a pass to junior receiver Austin Samuels in Lone Peak's homecoming football game against Harlowton Publics School's varsity team Sept. 21. The Big Horns triumphed over the Engineers, 36-22. PHOTO BY BAY STEPHENS

#### **Football**

The Big Horn football team lost to the Tri-City Titans on their home turf on Sept. 15, 54-16, and won their homecoming game against Harlowton Public Schools Engineers Sept. 21, 36-22, setting records at both.

# **UPCOMING GAMES**

#### **VOLLEYBALL**

Thursday, Sept. 27, 5:30 p.m. – Away @ White Sulphur Springs Friday, Sept. 28, 5:30 p.m. – Home vs. Twin Bridges Saturday, Sept. 29, TBD – Away @ Manhattan Christian Invitational Tuesday, Oct. 2, 5 p.m. – Away @ Shields Valley Tuesday, Oct. 9, 5 p.m. – Manhattan Christian

#### **FOOTBALL**

Friday, Sept. 28, 7 p.m. – Home vs. Twin Bridges
Friday, Oct. 5, 7 p.m. – Away @ Ennis
Friday, Oct. 12, 7 p.m. – Home vs Absorkee (Senior Night)

#### **FUTBOL CLUB**

Saturday, Sept. 29 – Double Header at Big Sky Community Park: Great Falls Home School, 11:30 a.m. and Great Falls Foothills Academy, 3:30 p.m.

Tuesday, Oct. 2 – Away @ Great Falls Foothills Academy

Friday, Oct. 6, 12 p.m. – Away @ Billings Christian School

Saturday, Oct. 13, 11 a.m. – Away @ Petra Academy

#### **CROSS-COUNTRY**

**Saturday, Sept. 29** - Mountain West Invitational, Missoula **Saturday, Oct. 6** - Crazy Mountain Run, Big Timber (near Sweet Grass County High School)

"[The Titans] will vie for the top spot in our conference for sure," Lone Peak coach Chris Samuels wrote in an email. "This was a team with six seniors and an all-state running back."

Although the undefeated Titans stacked the scoreboard, they didn't stop Big Horn senior halfback Kegan Babick from running two touchdowns and a 2-point conversion.

Junior receiver Austin Samuels, who scored the other conversion, had 12 receptions for 80 yards—a new school record, according to coach Samuels. Junior quarterback Frankie Starz threw all the passes.

In the Big Horns' homecoming game under the lights against Harlowton, Starz and Austin Samuels kept the magic going as Starz hucked a 20-yard pass to Samuels in the endzone for the first points of the game. On the Big Horn's next possession, Starz and Samuels did it again to put 12 unanswered points on the scoreboard.

The pair connected repeatedly throughout the night; Samuels had nine receptions for 92 yards and two touchdowns.

"It felt great," a sweaty and excited Samuels said after the win. "We've been doing it since we were in fourth grade, playing touch football on the recess field."

Head coach Adam Farr was pleased with the performance the offensive line allowed Starz.

"It was nice to see Frankie Starz have some time in the pocket and the ability to roll out and actually throw the ball," Farr said. "The passing game really got going for the first time in quite a while."

After the Engineers completed a 2-point conversion, they booted it deep to senior and homecoming king Cole March, who blurred up the sideline for an immediate response.

"The homecoming king takes his throne—in the endzone," Lone Peak athletic director John Hannahs announced over the speakers to the rousing cheers of the audience.

The running game for the Big Horns stayed strong, though, as Babick broke wall after wall of Engineers and relentlessly drove his feet. Late in the 3rd quarter, with a score of 26-16, the Big Horns enacted a big stop when the Engineers came within 10 yards of the endzone.

The ball was turned over and, then next play, Babick ran a 70-yarder, outstripping the yellow helmets in pursuit, trotting into the endzone.

On the defensive front, Big Horn junior defensive lineman Nick Wade sacked the Engineers' Begger for a 6-yard loss in the 2nd quarter. As a linebacker, Samuels tracked the ball like bloodhound, stuffing runs on the inside and racking up open-field tackles. He broke another school record with 18 tackles.

"Pound for pound, that kid has to be one of the best tacklers in all of 8-man football," Farr said of Samuels. "It was great to get a victory and play a team that has a little more equitable talent," Farr said.



Sophomore striker Bo Wickans drives at the goal in the Big Sky Futbol Club's game against Heritage Christian School on Sept. 22. It was their first loss of the season, 9-2. PHOTO BY BAY STEPHENS

#### **Futbol Club**

In their home game against Billings Christian School on Sept. 15, the Big Sky Futbol Club won 7-2. Evan Iskenderian had a hat trick with Bo Wikans and Tony Brester both putting up 2 goals apiece.

#### **OPHIR MIDDLE SCHOOL FOOTBALL**



The Ophir Middle School Miners football team has been lighting up the competition with a 3-1 record so far. They beat the Hobson Public Schools team 54-6 on Sept. 15 and the Harlowton Public Schools team 54-6 on Sept. 21. PHOTO BY JAMIE DAUGAARD

"The team is starting to really come together," coach Tony Coppola wrote in an email. "They are playing as a team and I am pleased with their effort."

"We obviously played offensively strong," coach Jaci Clack added. "We have not been challenged yet, but believe we will be this coming Saturday against Heritage Christian [School]. They have skilled players we haven't really seen yet."

Heritage Christian certainly proved to be a challenge when Big Sky played them for their homecoming on Sept. 22, beating Big Sky 9-2.

Before anyone had a chance to play after Heritage's second goal, Evan Iskenderian booted the ball from midline for an incredible goal.

Not long after, striker Bo Wickans drove toward the goal but the Heritage goalie fell in front of the ball before Wickans could shoot. The ball rolled away to the left where Brester put in on net to tie the game, 2-2.

Big Sky was not able to answer the next 7 goals by Heritage, although the Futbol Club was far more aggressive offensively in the second half. Throughout the game Big Sky goalie Caleb Unger was kept busy.

Although coach Coppola said he thought Big Sky came out of the gates slower than usual, he said, "I'm proud of my players. They played [hard] and they didn't give up, they just played a really good team."

On Sept. 25, Big Sky played another high caliber of opponent in Petra Academy, losing 5-3 at home. It was the first co-ed team the Futbol Club has played this season.

"Caleb Unger put in another solid performance with about 15 saves," Coppola said. "It was also exciting to see Sophia Cone, Sara Wilson and Nehalem Manka mix it up at the half back and defense line."



Nate McCain (left) and Tracen O'Connor (right) made history as the first Lone Peak Big Horns to compete in a cross-country race at the Butte Invitational at Fairmont Hot Springs on Sept. 20. They weren't able to score as a team, which requires three runners for Class C teams, but nevertheless went where no Big Horn has gone before. PHOTO BY TRACY BREKKE







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# Golf Tips from a Pro: Another great year at Big Sky Golf Course

BY MARK WEHRMAN EBS CONTRIBUTOR

As we wrap up another great season of golf at Big Sky Golf Course, I wanted to recap some of the highlights of our season. May and June started off very slow, with lots of cold weather and moisture. Once July hit, though, the weather turned to summer, literally in a day, and our season came into full swing.

On July 4, we had another successful Firecracker Open with a full field of 30 foursomes. With no break in the action, we moved right in to our biggest tournament of the year, the 17th annual Big Brothers Big Sisters Celebrity Golf Tournament. We had a record-setting field size with 33 fivesomes. The tournament was a huge success, once again, raising thousands of dollars for the Big Brothers Big Sisters organization.

After a couple of weeks of business as usual, we moved into August with a heavy tournament schedule for the last two months of our season.

We started August with the Hawaiian Open and two weeks later we had our club championship, the Big Sky Open.

One week after crowning the men's and women's club champions, we hosted, for the first time ever in the state of Montana, the American Junior Golf Association. Over Labor Day weekend, 80 of the best junior golfers in the world walked the grounds of Big Sky Golf Course, attempting to earn a college golf scholarship.

The level of play was like watching a tour event and with perfect weather the entire weekend, it was a tournament to remember. We're still looking for a major sponsor for this event and if we can solve that last piece of the puzzle, the Big Sky community can look forward to watching that level of golfing talent each year going forward.

Moving into September, golf stayed very busy with the Montana Stock Growers holding their annual T-Bone classic along with the West Yellowstone Ski Education Foundation benefit the first week of September.

The following week, we hosted the Big Sky Chamber of Commerce fundraiser tournament with a record 31 foursomes competing for the winning prize of \$2,000. We rounded out September with the IceHouse Open, a fundraising scramble for the Big Sky Skating and Hockey Association on Sept. 22. Finishing out the month, and also the season, is the annual Oktoberfest Ironman Open, which is always played on the last Saturday of the season.

So, with all of these tournaments, it was a busy summer at Big Sky Golf Course. We're already thinking of the 2019 summer golf season and plan to keep all of these events on our schedule, with room to add more.

If you have any questions about these tournaments, or anything golf related, I'm always available and never get tired of talking and thinking about golf, even in the off-season. I hope everyone has a safe and fun winter on the mountain and I look forward to seeing you all at Big Sky Golf Course next spring!

Mark Wehrman is the PGA Head Professional at the Big Sky Golf Course.



# Bobcats get back to principles and rush past Wagner, Portland State

BY COLTER NUANEZ EBS CONTRIBUTOR

BOZEMAN – The Bobcats were licking their wounds after one of the most lopsided losses of the Jeff Choate era, searching for answers with Big Sky Conference play quickly approaching.

On the heels of a gritty 26-23 victory over Western Illinois, a 2017 playoff qualifier to open the season, Montana State went to No. 3 South Dakota State brimming with optimism. A season ago, MSU took the eventual Football Championship Subdivision semifinalist down to the wire in a 31-27 loss in Bozeman. An improved Bobcat team figured to have a shot at an upset this year.

Instead, Montana State mustered just one first-half first down and moved the sticks just six times overall. MSU rushed for just 29 yards, the first time in 24 games with Choate as the head coach that Montana State did not surpass 100 yards on the ground as a team. The end result: a 45-14 loss in Brookings that left the Bobcats searching for answers.

With a home game Sept. 15 against Wagner as the bridge between the non-conference and Big Sky Conference play, Montana State elected to get back to basics.

Quarterback Troy Andersen, the do-everything sophomore who earned Big Sky Freshman of the Year honors as a running back and linebacker in 2017, remained on the shelf with a left-hand injury for MSU's game against Wagner. The Bobcat coaching staff elected to fully prepare redshirt freshman Tucker Rovig as the starter. And Montana State returned to the bruising, physical offensive style that has trademarked Choate's tenure thus far

Behind the breakout performance of true freshman running back Isaiah Ifanse and the powerful play of a rapidly improving offensive line, MSU rushed for 246 yards against the visiting Seahawks. Ifanse's 146 yards included a 77-yard touchdown run that opened up the offense, in turn allowing Rovig to throw for 310 yards and three touchdowns as the Bobcats exploded for a 47-24 victory in front of a sellout crowd.

MSU opened conference play Sept. 22 on the road at Portland State, and Montana State didn't waver with Andersen's return under center. The offensive line continued to blast holes, Ifanse sustained his reputation as one of the most talented freshmen in the country and Andersen had a day for the ages as the Bobcats opened up Big Sky play.



Montana State quarterback Troy Andersen—playing as a running back while recovering from an injured left hand—rips off a 57-yard touchdown against Wagner at Bobcat Stadium.



Montana State true freshman Isaiah Ifanse breaks into the second level during MSU's 47-24 victory over Wagner on Sept. 15. PHOTOS BY JASON BACAJ

Montana State rushed for a season-high 323 yards and controlled the game from start to finish on the way to a 43-23 victory in the City of Roses. The win moves MSU to 1-0 in conference and 3-1 overall.

"The biggest factor after the SDSU game was us to put the offensive line in a position to be successful: roll off the ball, do our DNA stuff," Choate said. "That's what I told our offensive staff. I built a cut up of 'here's who we are.' We watched it from the first two games and we were losing our DNA. We decided to get back to being who we are. I think once we did that, our [offensive] line loved it. They like rolling off the ball and it opens up so many other things for our offense."

In Portland, Andersen ran a throwback version of the single-wing offense out of the shotgun, executing quarterback power, counter and sweep to perfection on the way to 211 rushing yards. He also caught a 32-yard pass from Rovig and threw a 53-yard touchdown pass to Kevin Kassis on a day in which all of his prodigious tools were on display.

"The offensive line has had a physical mindset," Andersen said. "After South Dakota State, it was hard on us all and we all took it personal. Coach really challenged those guys up front to come out with better intensity and better focus and these last two weeks, they definitely have."

Andersen's rushing total marks the second-highest in Big Sky Conference history in a single game by a quarterback. Cal Poly's Chris Brown rushed for 224 yards in a 41-21 win over Montana in 2014.

"You don't think about it during a game, but afterward, you are like, 'Oh my gosh, I guess I do remember him running a lot that game," MSU sophomore right guard Lewis Kidd said. "It's awesome to play with a guy like that. He's a great leader, great athlete. His level of play steps up ours."

Montana State's stoutest conference test comes Sept. 29 with visiting Eastern Washington in town. The Eagles are the No. 5 team in the country and are coming off a 70-17 win over Cal Poly in their conference opener. MSU has a bye the first weekend of October.

Colter Nuanez is the co-founder and senior writer at Skyline Sports, an online news-gathering organization providing comprehensive coverage of Montana State and Big Sky Conference athletics at skylinesportsmt.com.







# Ultrarunner with arthritic condition pushes bounds of possibility Adventure-healing and the Triple Crown of 200s

#### BY BAY STEPHENS EBS STAFF WRITER

Big Sky - Through deep forests, along red rock canyon rims, and over misted mountains, Big Sky resident Helgi Olafson runs—for hundreds of miles at a time. A wandering adventure-seeker with an arthritic condition that in some ways has become his super power, Olafson is one of only 24 athletes in the world in the running to complete the 2018 Triple Crown of 200s, a series of three 200-mile ultramarathons in three consecutive months.

Free altitude training drew Olafson to work at Big Sky's Lone Mountain Ranch last December as a chef for the winter season. This summer he's been a guide and naturalist for the ranch, leading guests on hikes and trips to Yellowstone National Park and pounding out thin-air Triple Crown training in his time off.

The Bigfoot 200 Endurance Run in Washington's Cascade Mountains in August, the Tahoe 200 Endurance Run circumnavigating California and Nevada's Lake Tahoe in September, and the Moab 240 Endurance Run in Utah in October comprise the grueling Triple Crown of 200s, totaling 645.8 miles. Olafson has completed the 2018 Bigfoot and Tahoe 200s; only the Moab 240 awaits.

Such extreme athletics are the arena of only a handful of hardened competitors, yet Olafson belongs to an even more exclusive group of athletes: those competing with ankylosing spondylitis. As he explains it, AS is a condition that causes joints to fuse due to an inflammation and calcification of the points where ligaments attach to bones. In a nutshell, his body responds to inflammation by generating bone in those areas, which can lead to immobility.

When Olafson was diagnosed at 19, he thought his life was over. But he had a good doctor that gave him hope.

"He basically reassured me that it wasn't the end," Olafson said. "I could still live my normal life, and he recommended that I do that. So I did, and I didn't let it get to me."

He led an active life from then on, but he didn't become serious about fitness until he was 27 when he joined an outrigger canoe team in Hawaii, and was invited to fill a spot on a triathlon team. After the race, he bought a bike and began knocking off his own triathlons.

Exercise became his medicine. As long as he remains active, his joints don't get the chance to fuse. As he wrote in a race report from the Bigfoot 200, "If I don't move it ... I will lose it."



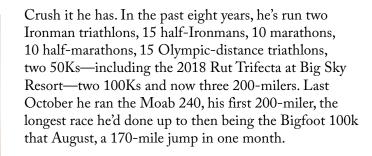
Olafson came to Big Sky last December for free altitude training, working at Lone Mountain Ranch. He whirred snowshoes all winter to train and, when the snow melted, has trained on a 106-mile route he mapped out in Big Sky's backcountry that gains 33,000 feet of elevation. PHOTO BY BAY STEPHENS

Much of Olafson's drive in his athletic pursuits has been to raise awareness for AS and to motivate those with the disease to fight impending immobility with exercise. Individuals with AS across the globe have been inspired by Olafson to get out and do something about their condition. He's received messages and emails from people telling him how they were running their first race because of him.

"I'm just thankful that I have the opportunity to inspire people," he said. "It's nice to see the work that I've put in to try to help people actually come to fruition."

Olafson has chosen gratefulness in the face of his condition, which has provided an excuse to live adventurously, and exemplify an alternative lifestyle for those suffering from AS.

"I thank AS," he wrote in the same race report. "I am lucky to have this condition because it is a forever reminder to get my ass out there and crush it!"



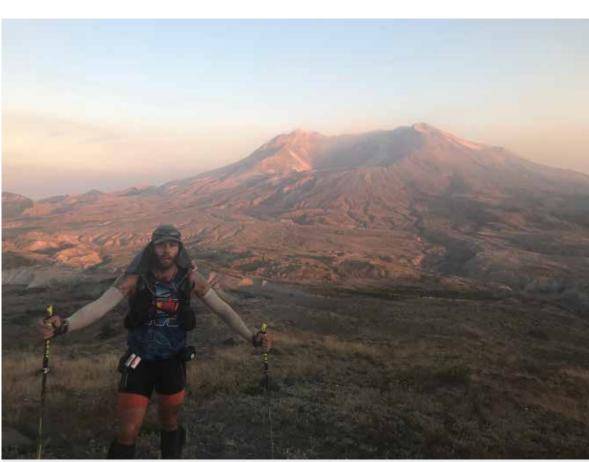
By listening to and conditioning his body, Olafson aggressively pushes the bounds of possibility to show what the human body can do.

In addition to extreme ultras in the near future, Olafson intends to run the Triple Crown again in 2020 for the title—while running from race to race, a 1,384-mile feat in less than three months. He hopes to gather sponsorship and a team that includes those with AS to support him throughout the endeavor, and helping spread the word about the condition and the medicinal power of exercise.

Along with raising awareness and inspiring hope, Olafson knows it will be an adventure.

"Wherever adventure is," he said, "I'm going there."  $\,$ 

Email Helgi Olafson at helgiolafson@gmail.com to learn more about his mission to raise awareness about ankylosing spondylitis.

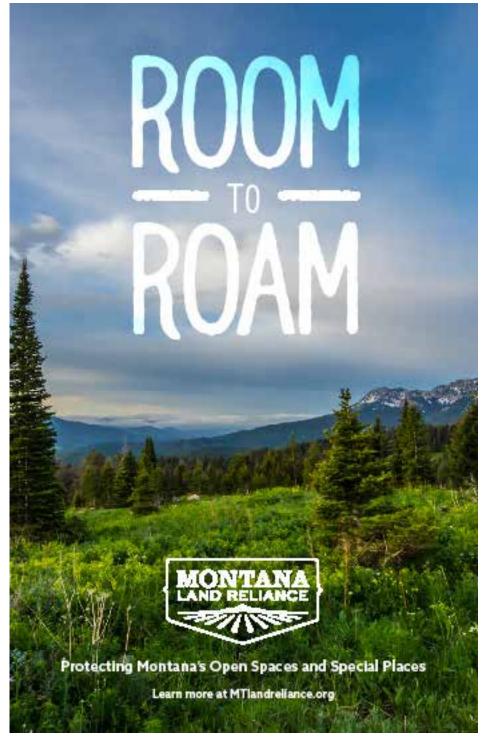


Helgi Olafson, in the midst of the Bigfoot 200 Endurance Run, stands in front of Mount St. Helens. In the 98 hours and 15 minutes it took him to complete the 206.5-mile race, Olafson slept for only eight. PHOTO COURTESY OF HELGI OLAFSON



2-3 Yoga) 4:15-5:15pm All Levels Yoga







# Making it in Big Sky: Gallatin River Guides

#### BY BAY STEPHENS EBS STAFF WRITER

Gallatin River Guides was founded in 1984 by Steve and Betsey French. Steve, one of Montana's first outfitters, was known for his knowledge, quality customer service, and commitment to conservation. When he passed away in 2005 of cancer, Betsey carried on his legacy until 2012 when she sold the business to current owners Patrick and Brandy Straub.

Brandy is a fourth generation Montanan with roots throughout the state, while Patrick grew up in Gallatin Valley and first skied Big Sky when there was only one gondola and three chairs. The Straub's carry forth what the French's started with Patrick's deep roots in fly fishing, an industry he's been in since 18 years of age.

As part of this ongoing series, Straub shared his thoughts with EBS about what it takes to make it as a small business owner in Big Sky.

Explore Big Sky: What has been the key to your success?

Patrick Straub: Passion. Passion to treat our staff as best as we can—retirement accounts, health insurance, time to enjoy the off-season, time to spend with their families, etc. Passion to protect the resource we all know and love. And, passion to treat every customer like they're the best—whether they just want free info and a point in the right direction, or if they want a \$2,000 outfit and book a dozen guide trips.

EBS: Do you remember your first customer or first sale?

**P.S.:** In 1984 one of our earliest customers was Richard Hough. In 2012 it was Jeff Shrader. Both these families still support us today.

EBS: What are the biggest obstacles to operating a small business in Big Sky?

**P.S.:** Housing for our seasonal shop employees.

EBS: How has the business landscape changed since you started out?

**P.S.:** There's a lot more people around on a year-round basis, so that makes the lonely winter months go faster. The diversity of businesses is always fun—my daughters love Sugarbuzz after a day on the slopes or the trail.

EBS: What is it about Big Sky that compels you to stick it out through the hard times?

**P.S.:** Our first year as owners was at the tail-end of the recession. Thankfully, I had over fifteen years of experience in the fly-fishing industry, so we muscled through it—but we were very thankful for every customer that met us for the first time and has stuck with us and grown with us. When the next downturn hits, we hope GRG has enough loyal customers that we can muscle through it again.

EBS: What is one of the most memorable moments you have had as a resident/business owner in Big Sky?

**P.S.:** The first Pesca Fiesta [festival] we hosted in 2012. The French's started Pesca Fiesta and we've continued it. We donated so many things that day that people still talk about it, and about the damn good BBQ we served.

EBS: What was a business idea that didn't work?



Betsy French (left) and her late husband, Steve, originally owned Gallatin River Guides. Betsy sold the fly-fishing business to Patrick (middle) and Brandy (right) Straub in 2012. PHOTO BY BAY STEPHENS

**P.S.:** In our first year as owners we did a Local's Only special: Buy 12 flies, get 12 free. Yeah. We kind of burned ourselves on that one. But it brought a lot of people into the store.

EBS: What's the best piece of business advice you've received?

**P.S.:** From Paul Roos, one of the first fishing outfitters in Montana—he started in the 1960s. He told me at the start of my first guide trip ever: "If you're not having fun, the customers aren't having fun."

EBS: What advice would you give to small business owners just starting out in Big Sky?

**P.S.:** Big Sky is a very unique place. We're blessed with some of the best and most accessible outdoor recreation on the planet, and we're home to people who understand that and work to keep it that way. Be sure to get out and enjoy it all. In Big Sky, if you work hard, good things will come because there is a great network of support organizations to ensure that those who work hard succeed.

EBS: Where do you see your business in 10 years?

**P.S.:** Still fishing, teaching, and having fun.

EBS: Where do you see Big Sky in 20 years?

**P.S.:** Big Sky has lots of challenges ahead, and they all stem from mitigating the impact of growth. I have faith in the leaders in our community to create solutions that can protect our watershed, allow for access, and keep the soul of Big Sky intact. It won't be easy, and I think all interests will have to give a little to get what we all want: to continue our lifestyle in a place we all feel proud to call home while protecting the environmental integrity of this unique place.

EBS: Would you do it all over again?

**P.S.:** Brandy and I feel blessed to carry on what Steve and Betsey French started and we have no intention of stopping anytime soon.

#### GALLATIN RIVER GUIDES - BY THE NUMBERS



**STAFF:** 

6-30
FULL TIME TO SEASONAL



**YEARS IN BUSINESS:** 

34



#### **LONGEST SERVING EMPLOYEE:**

Jimmy Armijo-Grover, General Manager, 16 years; Bob Merryman, fishing guide, 30 years.

# **AMUSE-BOUCHE**

Amuse-bouche refers to an appetizer, and by French translation means, "to entertain the mouth." It offers a glimpse into what you should expect from a meal. Also it's free, compliments of the chef.

#### The truth about seafood



BY SCOTT MECHURA EXPLORE BIG SKY FOOD COLUMNIST

It's mostly accepted that fish, and seafood in general, is healthy. And in most cases, healthier than beef or pork. We're told fish is a much better alternative to these other proteins as it contains all the nutrients our bodies need without all the fat and cholesterol.

But, seafood also comes with its share of misinformation and fake lore.

Though Montana exports significant amounts of its beef and pork to China and Mexico, we obviously import all of our seafood. It's important to know as much as we can about it and what is myth versus fact.

Here are some of the most common seafood topics that come up.

Myth: Only eat shellfish in months with the letter "R". There was a time when red tide in warm coastal areas went unmonitored, and fish would contain this alga, which can make humans extremely sick. But harvesting in these areas during this period is now heavily regulated. There is some truth in that those months are at a time of year when most fish and shellfish spawn, and their flavor is compromised during this time, but certainly no health risks.

Myth: Don't eat fish because it contains mercury. Many larger ocean fish do contain some level of mercury, and children, pregnant women and nursing mothers should avoid it in large amounts, but the health benefits of eating fish far outweighs the mercury intake, according to most medical professionals.

Myth: If you are eating mahi mahi you are eating dolphin. Mahi mahi is simply the Hawaiian name of a fish common in warm Pacific waters known as dorado, or dolphin fish. Somewhere along the way, someone associated the word dolphin with the mammal that performs tricks and thought their meal was coming from SeaWorld rather than a commercial fisherman.

Myth: Fresh fish is better than frozen. Almost all fish are frozen at one time, but it is usually done in very cold commercial freezers very shortly after being caught. By law, it is required of most fish to kill potential parasites.

Myth: Oysters only go with champagne. In my opinion, the bubbles in champagne overpower the delicate nuances of many varieties of oysters. I suggest I clean crisp Chablis or sauvignon blanc. And if you want to expand your palate, a light, crisp, low bitterness, mildly hopped ale or lager is wonderful. And if you can find one in nitro, even better. My favorite? A clean, well distilled vodka.

Myth: Eating fish and dairy together are toxic. If this were the case, then no one told the French, who have been pairing fish and cream based sauces for a century. Judaism has many restrictions and corresponding exceptions to this combo, but it is strictly religious belief, not a health concern.

Myth: My fish smells "fishy." If your fish smells or tastes fishy, then it is less than fresh. It may not necessarily be bad, but it is not at its peak. Fresh fish should have virtually no aroma. Some fish inherently have a strong aroma due to the oils in the flesh, such as salmon, or mackerel, but generally speaking, fresh fish doesn't smell like "fish."

Lastly, when purchasing whole fish from a market, like salmon for example, some things to look for.

First, look for clear eyes. Next, it should be firm and spring back to the touch. It should have virtually no aroma of any kind, and the gills should be bright in color, not grey or brown. The gills are the first thing to go so if the gills are removed, your fish monger is telling you something. The message to me is go somewhere else.

Scott Mechura has spent a life in the hospitality industry. He is a former certified beer judge and currently the Executive Chef at Buck's T-4 Lodge in Big Sky

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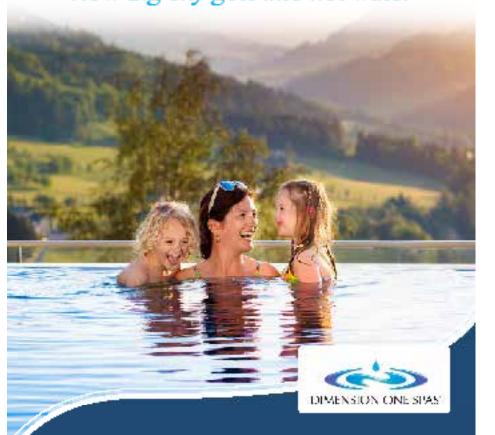
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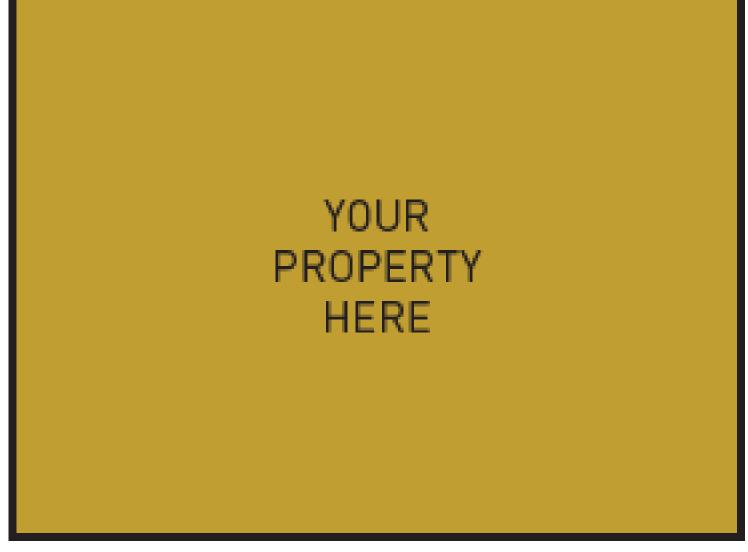


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SECTION 3: OUTDOORS, HEALTH & BACK 40







# INSIDE YELLOWSTONE



#### Biennial Scientific Conference takes a look inward

### Scientists, managers consider the human impact

BY JESSIANNE CASTLE EBS CONTRIBUTOR

BIG SKY – During an era of explosive growth in the Greater Yellowstone, managers and researchers are further embracing science, ecosystem economics, tourism and conservation as a means for resource protection.

This was evident during Yellowstone Forever's 14th Biennial Scientific Conference on the Greater Yellowstone Ecosystem held at Big Sky Resort on Sept. 11-14. The first time it's been held outside of Yellowstone or Grand Teton national parks, this year's conference was held in Big Sky to highlight the region-wide impacts of increasing visitor use.

Approximately 300 scientists, researchers, managers and conservation advocates gathered for the discussion about "Tracking the Human Footprint," with an emphasis on social sciences and community development.

Breakout sessions explored traditional topics like wildlife migration and carnivore ecology, while other sessions considered the impacts of recreation, strategies for collaboration, and the ways science informs management decisions.

"We have to come to terms with visitor use," said Yellowstone National Park Superintendent Dan Wenk during the final plenary discussion on Sept. 13.

"The least studied species in the ecosystem is the human and we're changing that," he added, referring to the numerous visitor-use surveys and studies the park service has initiated in recent years. "We need the social science to tell us how our numbers are affecting visitor experience, how our numbers are affecting the resources in Yellowstone National Park. ... We can't make decisions until we have the science on which to base those decisions.

"I firmly believe, standing here today, that we have to limit visitors to Yellowstone National Park," he added.

In addition to the growing pains felt in Yellowstone, gateway towns and other Greater Yellowstone cities are grappling with the repercussions of a visitor economy.

"Probably the biggest challenge for the ecosystem in Gallatin County is our growth," said Gallatin County Commissioner Don Seifert during a panel discussion with Wyoming House Representative Mike Gierau and commissioners from Park County, Montana; Teton County, Idaho; and Park County, Wyoming.

"Where is the next Hyalite [Canyon]? Where are we going to recreate? It's our recreational opportunities—that's one of the things that drives our growth and drives our community and drives our economy," Seifert added.

Park County Montana Commissioner Bill Berg said Livingston is also feeling the strain.

"In an evolving economy with a larger human footprint and more visitors ... we're struggling to hang on to our sense of community as a lot of housing thought gets put into guest accommodations," he said. "We're trying to figure out [how to] maintain a community of locals."

Other panelists mentioned the challenges of wildlife connectivity, access to public lands, and the overall balance of growth and resource protection.



Tourists in Yellowstone National Park walk on the boardwalks at Grand Prismatic Spring. Visitor-use was a hot topic during the Sept. 11-14 Biennial Scientific Conference. NPS PHOTO

Jodi Hilty, the president and chief scientist for the Yellowstone to Yukon Conservation Initiative in Canmore, Alberta, took up the topic of wildlife connectivity during the Superintendent's International Lecture, which is an opportunity for knowledge-sharing across borders. Prior to her work with Y2Y, Hilty served as the executive director of the North American Program for the Wildlife Conservation Society in Bozeman.

"A River Runs Through It.' After this movie was made, Robert Redford was recorded to say, I never would have made this movie, had I known what it would do to the mountain West," she said. "Today so many outlets are promoting moving here. ... We've got to do better on coexistence and how we're doing it."

Hilty described Aichi Biodiversity Target 11, a worldwide initiative to create large-scale wildlife connectivity. The plan states that by 2020, at least 17 percent of terrestrial and 10 percent of marine areas are to be conserved. Presented during the 2016 United Nations Convention on Biological Diversity this plan has been ratified by every country except the U.S. and Somalia.

"Right now, the world is at about 15 percent [of land conserved]. The U.S. and Canada are both at about 12 percent," Hilty said. "But is it enough? And is it in the right places? ... There are a lot of things putting pressure on our human and natural systems right now so we need to go a little bit further with protected areas

"If you look at what's happening around the world, conservation has advanced a lot more in other places," she added. "So maybe it's time for us to look up and see what's happened elsewhere and really try to connect, as Dan [Wenk] said, this amazing place with what's happening in the rest of the world so we can see it conserved for future generations."

 ${\it Visit\ tracking the human footprint 2018.org\ to\ learn\ more.}$ 

## Experience the fall elk rut in Yellowstone

#### BY CHRISTINE GIANAS WEINHEIMER YELLOWSTONE FOREVER

The majestic elk—the most abundant large mammal in Yellowstone National Park—is a favorite among park visitors to observe and photograph year-round. But for a few weeks each autumn, visitors are treated to an extra special display: the dramatic spectacle of the fall elk rut.

September to mid-October is elk mating season in the Greater Yellowstone Ecosystem, and people from all over the world flock to the northern section of the park hoping to hear the haunting bugle of a bull elk or witness the males engaging in battle.

During the rut, elk gather all along the Northern Range and at Yellowstone's North Entrance, but activity is primarily concentrated in Mammoth Hot Springs. You might see elk congregating on the lawns at Officer's Row, alongside the Gardner River in the Gardner Canyon, or outside the park entrance near the Roosevelt Arch. Elsewhere in the park, you might also spot them along the Madison River near West Yellowstone.

During this time, elk gather in mixed herds of many cows and calves, with a few bulls nearby. Bulls bugle to court females and also to warn and challenge other bulls in the area. When a challenge is answered, the bulls move toward one another and often engage in battle for access to the cows. They push against each other, loudly crashing their antlers together in a contest for dominance.

While these fights rarely cause serious injury to the elk, humans in close proximity should exercise caution. Bull elk can become extremely aggressive during mating season, and have been known to charge vehicles or even people if they feel threatened.

Bulls weighs about 700 pounds and are about 5 feet high at the shoulder, so visitors will want to keep their distance. Park regulations prohibit approaching elk closer than 25 yards, and imitating the call of an elk. Give the elk plenty of room and avoid approaching them in your vehicle.

When exiting the Mammoth Hotel, Albright Visitor Center, or any building in Mammoth Hot Springs, be on high alert. You never know what might be bedded down in a patch of shade just outside, or grazing right around a corner.



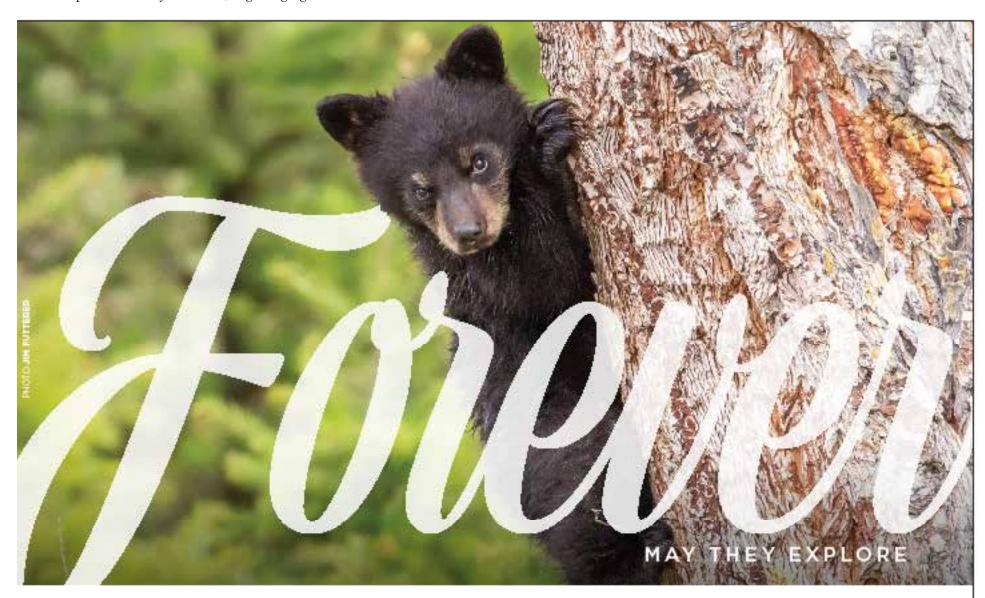
Visitors from around the world come to Yellowstone National Park every year to witness the spectacle of the fall elk rut. NPS PHOTO

The gathering of elk herds in Mammoth Hot Springs signals another type of pilgrimage: the intrepid Elk Rut Corps Volunteers. Along with National Park Service staff, volunteers from around the country are stationed in Mammoth to help ensure the safety of visitors who have traveled from near and far to witness the rut.

It's critical for visitors to listen to and follow the direction of NPS staff and elk rut volunteers; with a great deal of experience, they tend to know when the scene might become unsafe, and how to help prevent it from becoming so. Plus, NPS staff and volunteers know a lot of fascinating information about Yellowstone's wildlife, including elk, and are more than happy to share their knowledge with visitors.

Yellowstone Forever—the official nonprofit partner of Yellowstone National Park—funds the staffing of elk rut volunteers as part of the Visitor and Wildlife Education Project.

Learn more at Yellowstone.org.





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### Big Sky mountain bike team takes podium in Idaho

The Lone Peak Composite—Big Sky's National Interscholastic Cycling Association mountain bike group kicked rocks in the faces of the competition at two Idaho races in September. Of the 15 registered youth, four Big Sky racers podiumed in a race at Grand Targhee Resort and two racers took first for their age groups at another race at Galena Lodge, north of Sun Valley Resort. Matt Jennings, one of the coaches, said that Montana will have its own NICA league for Big Sky kids next year. PHOTO COURTESY OF MATT JENNINGS









## Forest Service symposium considers 'best available science'

BY JESSIANNE CASTLE EBS CONTRIBUTOR

BIG SKY – Three years into the four-year planning process for future management of the Custer Gallatin National Forest, the U.S. Forest Service hosted a public symposium on Sept. 14, exploring the science that goes in to developing a forest plan.

The "Science of National Forest Planning Symposium" was held at Big Sky Resort on the heels of the Biennial Scientific Conference on the Greater Yellowstone, and key topics included adaptability and climate change.

The 193 million acres that make up the U.S. National Forest System are managed based on forest-specific land management plans. These directives undergo routine updating and revision, and guide specific management decisions for approximately 15-30 years.

Currently, the Custer Gallatin National Forest is nearing the final stages of their revision to a 30-year-old forest plan and the symposium was held in order to explore plant and animal ecology and wildfire, among other topics.

Based on a 2012 directive by the U.S. Department of Agriculture—referred to as the 2012 Planning Rule—agency officials are to develop these plans with the goal of protecting and restoring national forests for the benefit of communities, natural resources and the environment.

The rule states, "The responsible official shall use the best available scientific information to inform the planning process. ... In doing so, the responsible official shall determine what information is the most accurate, reliable and relevant to the issues being considered."

To an audience of approximately 120, Phillip Higuera, a professor of fire ecology for the University of Montana, presented his research on changing fire regimes, while Justin Gude of Montana Fish, Wildlife and Parks shared

examples of wildlife connectivity management decisions. Other speakers included Headwaters Economics Executive Director Ray Rasker and Tyler Creech of the Center for Large Landscape Conservation.

While presenting within their specialized fields, each speaker mentioned the need for a new forest plan that can guide management in a world of exponential change.

"It's not only what should we do today to stay within ecological integrity, it's how do we do anticipatory management," said Andrew Hansen, an ecology professor at Montana State University and the director of MSU's Landscape Biodiversity Lab. "Doing that really requires the ability to not only assess the past, but to project forward in time."

Hansen went on to provide examples of changing plant dynamics in the ecosystem as a result of climate change.

"All the evidence indicates there's going to be more fire; it's going to be dryer; there's going to be less snow; there's going to be lower river flows; there's going to be more diseases and pests. This is a reality that people need to incorporate into management."

Mary Erickson, the Custer Gallatin National Forest supervisor, gave closing comments after hearing each of the 10 speakers.

"As I reflect on the challenges we face ... it feels to me like sometimes we're spending our time and energy fighting the wrong battles or arguing over the things that people care deeply about but, in the big scheme of things in sustaining theses landscapes, are not things that are most critical," she said. "I think there is a need to really work as a community."

Visit fs.usda.gov/custergallatin to learn more.



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## The best way to fish streamers

## BY PATRICK STRAUB EBS FISHING COLUMNIST

There is indeed frost on the pumpkin; fall colors have peaked; and armchair anglers have gone back to suburbia and their 9-to-5 commuting gigs. It's time to get serious about fishing our local waters. But haven't we been serious for six months now? Mother's Day caddis, salmon flies, spruce moths, and epic hopper fishing—for those in the know, it can get better—and if you refine your streamer fishing game, it will.

This happens frequently in my boat:

"I love to fish streamers," Client One says. "Is that a good way to fish?"

"Great. I love to fish with guys who love to fish streamers," I reply. "And it can be a good way to fish, but it takes commitment."

"Great, let's do it," Client One says.

I change over his rig and we begin fishing a bulky, heavily weighted fly. From the single dry fly we just cut off, this is like going from trying to parallel park in Manhattan with Mini Cooper to a Suburban. We strip it for a while, we drag it for a while, and we dead drift. An hour or so later Client One asks for the single dry-fly rig back.

Here's some advice to get more out of your streamer fishing.

**Adjust your attitude.** Fishing streamers requires a higher level of patience and commitment. You are going to catch fewer fish than while nymphing or fishing dry flies—but the fish you do catch on streamers will be bigger.

Improve your cast. Casting heavily weighted flies all day is hard work, so improve your basic casting stroke. Learn a double haul and perfect it, so that you can generate higher line speed and load the rod sooner. Master the tuck cast and you can fire that size 2 big-eye bugger under over-hanging branches. Learn a water haul to help you begin a cast with less effort. Improve the relationship between your rod hand and your line hand, so that your line hand is always ready to strip or haul immediately.

Choose a fly with eyes and contrasting colors. Eyes allow for a predator to focus on something, and contrasting colors create a variation on which a larger fish can target. Most trout have a variety of colors on their bodies, and trout eat trout. So, choose a fly that imitates the available food source.

**Think like a predator.** Fall is the season when our rivers' largest trout shift from gatherers to hunters. With lower flows the available water for smaller fish to escape to is limited. But just as a little fish feel like there is always something bigger than them in, or above, the water, bigger fish feel the same way—and you are that bigger fish.



Big brown trout love to snarf flashy streamers this time of year. Streamers, or flies that imitate smaller fish, are an effective way to fish during the fall because brown trout grow more aggressive with the change of the season. PHOTO COURTESY OF GALLATIN RIVER GUIDES

Approach the water slowly, walk softly on the bank, and be aware of your shadow and whether it casts onto the river. Look to fish areas where a larger trout may be waiting to ambush your fly—drop-offs, cut banks, bankside structure, or even a shallow riffle.

Learn all of the ways to fish a streamer. Stripping is the most obvious and most used, and you want to strip slightly faster than the pace of the water. Experiment with slow strips, then fast strips and twitches. After a strip or two, twitch or jig the rod tip so that movement is transferred to the fly—twitching or jigging can imitate an injured baitfish. Drag a streamer off the bank or off a drop-off by letting the current pull the fly along with the current. Cast upstream, add a very small downstream mend in the fly line, creating an elongated curve in the fly line, and allow the current to provide the downstream movement.

On a rare early October day that I'm not guiding, I'll fish a day with a fellow guide. We fish streamers all day. We each catch one fish, but combined they total nearly 50 inches. That's a pretty special day. And that's what streamer fishing is all about—an intrinsic reward of quality over quantity.

Pat Straub is a 20-year veteran guide on Montana's waters and has fished the world-over. The co-founder of the Montana Fishing Guide School, he's the author of six books, including "The Frugal Fly Fisher," "Montana On The Fly," and "Everything You Always Wanted to Know About Fly Fishing." He and his wife own Gallatin River Guides in Big Sky.







# Inside the Big Sky

## **Tales from the Visitor Center**

#### **VISIT BIG SKY**

As the summer winds down, the Big Sky and Greater Yellowstone Welcome Center is celebrating having served over 5,000 visitors in just three short months, and all of the wonderful and unique stories they brought with them. There have been endearing moments at the visitors center this season. An unimposing couple came in and asked to use the restroom. When they returned to the lobby, she came out in a beautiful wedding gown and he in a tuxedo! A surprise for the visitor center staff indeed. They took their wedding photos and had small ceremony down by the river.

Plenty of people traveled to Big Sky to retrace the steps of history. A family from California visited Soldier's Chapel to see where their parents had been married in 1956. A couple stopped in for guidance as they traced their grandparents cross-country honeymoon trip through the Gallatin Canyon. Several of the historic locations had changed, but with our help, they were able to track them down.

There were many inspiring visitors as well. We saw a road bike tour group of seniors over 70; we had a spine-injured athlete on his way to the Hight Fives Foundation; a blind distance runner looking for the best place to train on a rainy June afternoon; and a mother-daughter team who both lost over 100 pounds so that they could come to Big Sky to compete in The Rut Mountain Runs 28K race.

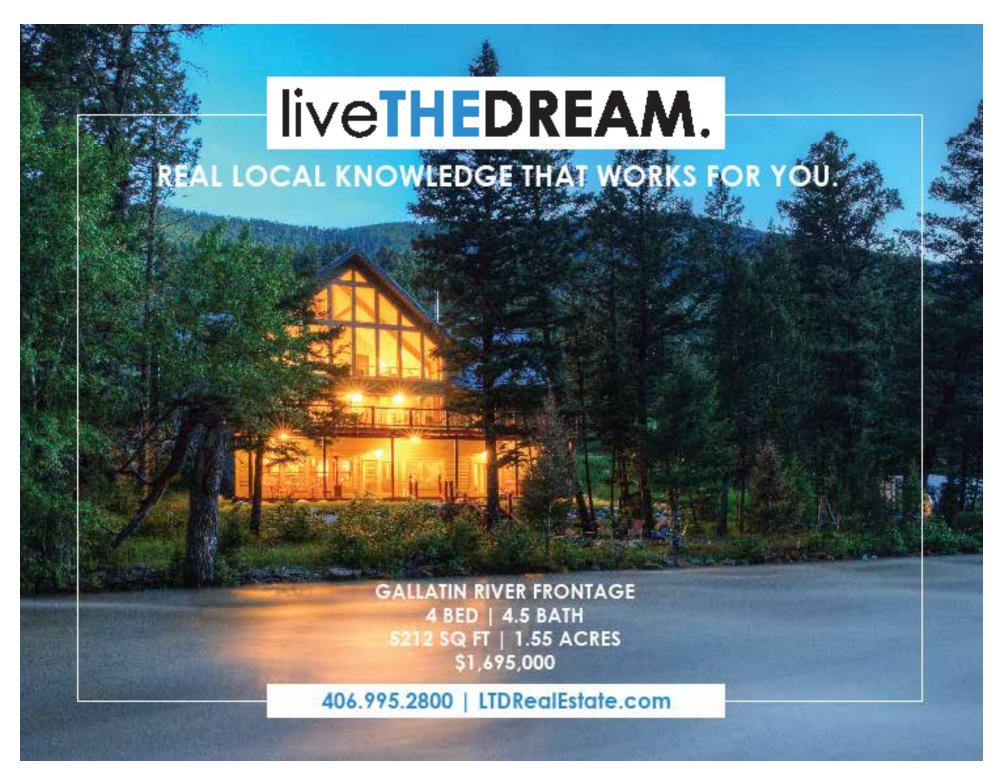
While the Visitor Center is open during normal business hours over the winter, it is really the summer that we see our largest number of visitors. It's been another wonderful summer of servicing the guests that come from near and far



Located at the intersection of Highway 191 and Lone Mountain Trail, the Big Sky and Greater Yellowstone Welcome Center is a great resource for visitors of any kind. PHOTO COURTESY OF VISIT BIG SKY

to visit Big Sky and we look forward to all the stories and experiences that will come our way in the seasons ahead.

Read more about Big Sky and southwest Montana at visitbigsky.com.





# On the Trail: Top 5 hikes for dogs

Explore local hiking, biking and equestrian trails with Big Sky Community Organization's trail series.

## BY SARA MARINO BIG SKY COMMUNITY ORGANIZATION

Even on days when no one is up for a hike, I can always count on my dog to be ready to go at a moment's notice. It's nearly impossible not to have a good time on the trail when you see the joy and enthusiasm of your best friend discovering new sights, sounds and smells. Here are a few of my dog's favorite hikes in the Big Sky area. Don't forget to pick up after your dog and to have him or her under leash or voice control.

#### South Fork Loop

If you're short on time but you and your pup really need to stretch your legs, the South Fork Loop is the trail for you. This 1-mile forested loop provides some solitude and room for your dog to run close to Town Center. The trailhead is adjacent to the South Fork of the Gallatin River, giving your pal a chance to cool off and get a drink before or after your hike. Just up the road, Hummocks and Uplands Trails are also great options if you want to hike a bit further. And Beehive Basin Brewery is a few minutes away from the trailhead if you need a post hike libation.

#### Cinnamon Mountain Trail

This 8.5-mile out-and-back hike begins at the Cinnamon Creek Trailhead, located 10.5 miles south of Big Sky. With a 2,600-foot elevation gain, it offers a nice workout, and great scenery ranging from forested trail to open meadows with views of Sphinx Mountain, the Taylor Hilgards, and Lone Mountain. The first few miles follow Cinnamon Creek, but be sure to pack extra water for your dog, and don't forget your bear spray.

#### Little Willow Way

A local favorite for dogs, this 1.6-mile roundtrip trail starts in the Big Sky Community Park and follows the West Fork of the Gallatin River. This is a great hike for older dogs as it is a flat and well-maintained gravel surface. If you want to keep going, you can add the Black Diamond Trail which will wind through the forest and drop down behind the skate park.

#### North Fork Trail

Whether hiking or biking, the North Fork Trail offers plenty of fun for both you and your dog. Access this trailhead by way of North Fork Road, just west of the entrance to Lone Mountain Ranch. The mileage and adventure-level opportunities abound—hike a few miles in, keep going 6.7 miles to Bear Basin, or take the Beehive Connector Trail.



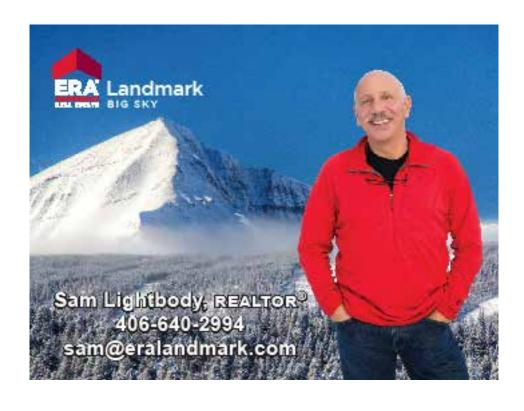
Cinnamon Mountain Trail is a favorite area hike for dogs and people alike. PHOTO BY JOHN BURBIDGE.

#### Lava Lake

There is a reason this hike is one of the most popular in Gallatin Canyon. This 6-mile out-and-back hike climbs a steady and gradual 1,600 feet through both forest and meadow areas until it culminates at the beautiful alpine lake. There are plenty of water opportunities for your dog along the way, and a great place to swim or fish once you reach the lake. As Big Sky begins to quiet down, enjoy this hike with reduced traffic in the beautiful fall weather.

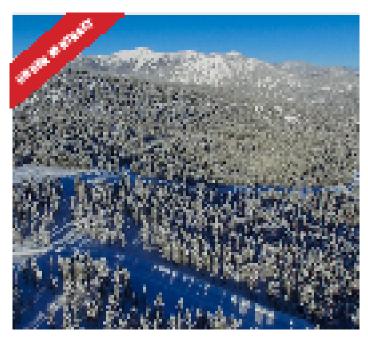
Sara Marino is the new community development manager for the Big Sky Community Organization. She comes to Big Sky with 17 years of nonprofit experience from the Montana Environmental Information Center.

Visit bscomt.org for more information about Big Sky's parks, trails and recreation programs.

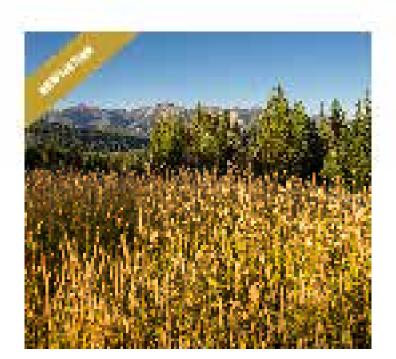


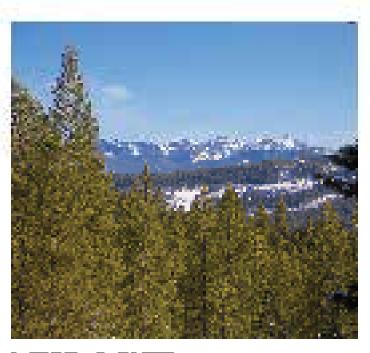


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# Yours in health

# What to do if your child has an earache



YOURBY DR. ANDREA WICK EBS HEALTH COLUMNIST

Ear infections, or otitis media, are a common childhood illness caused by bacteria or a virus in the middle ear. Consequently fluid builds up, causing pain and inflammation. According to the National Institute of Health, five out of six children will have at least one ear infection by their third birthday. Common signs of an ear

infection include tugging or pulling the ear, fussiness and persistent crying, fever, trouble hearing, loss of balance, and headache.

There are different ways to treat an ear infection. One avenue is allopathically with medicine or drugs; another is taking the wait-and-watch approach. There are a few different options to consider when it comes to holistically or naturally treating an ear infection.

Supporting the body with doses of vitamin C and a children's dose of echinacea is always helpful in supporting the immune system. Also, one-to-two drops of tea tree oil in 20 drops of warm olive oil can be placed into the ear from a 1-milliliter dropper bottler.

Chiropractic care is also an option. In a 1996 study by the Journal of Manipulative Physical Therapy, 46 children under the age of 5 received chiropractic adjustments to treat the symptoms of ear infections. Ninety-three percent of all cases improved in 10 days or less; 43 percent improved within two treatments or less.

Chiropractors know the body is innately intelligent and has the ability to heal itself. The question within chiropractic is figuring out what is causing the symptoms and treating the specific cause.

The muscles of the eustachian tubes are controlled by the upper cervical vertebrae in the neck, C1-C4. Vertebral misalignments at these levels can cause spastic tight muscles, compromising the eustachian tubes and preventing drainage. Very precise, gentle adjustments to the spine helps the musculature relax, thus allowing the ears to drain naturally. Chiropractic treatment also boosts the immune system and helps prevent further infection.

Dr. Andrea Wick is a chiropractor and applied kinesiologist. She graduated from Life University in Marietta, Georgia, and now practices in Big Sky. She has a passion for holistic health care and being active in the outdoors. Her practice, Healing Hands Chiropractic, is located in the Meadow Village Center. Visit drandreawick.com to learn more.



## BY JACKIE RAINFORD CORCORAN EBS HEALTH COLUMNIST



In May 2018, the first study on the health effects of abstaining from alcohol for a month was published in the British Medical Journal.

In the United Kingdom, alcohol consumption guidelines suggest drinking no more than six pints of beer or seven glasses of wine per week, with some days of the week being alcohol free. The BMJ study included 94 participants who were moderate to heavy drinkers. While most

drank twice the recommended maximum amount, none had a history of alcohol related health problems.

What they found was promising. One month of sobriety led to improved blood pressure, insulin resistance—a marker for diabetes—went down by about 25 percent, and participants lost 4 pounds on average.

Proteins that are linked to some cancers also dropped significantly. While this isn't proof that the actual cancer risk was reduced, the authors of the study found it interesting and novel, believing that it warrants further investigation.

When looking at inflammation, Gautam Mehta, lead author of the study, said, "We think that one of the ways alcohol causes damage is by making the gut a bit leaky, allowing bacterial proteins (not whole bacteria) to get through and cause low-level inflammation in the body." But he went on to say that this is still speculative.

The study of course looked at liver function. While it showed small but significant improvements, Mehta said, "I don't think we can say there's a big improvement in the degree of liver disease but it's hard to know if that's a really important finding." And he goes on to say that, "If someone's got liver scarring or fibrosis, that certainly won't change with just a month off."

# Would a sober October really benefit your health?

If you think a sober October would be good for you, create a solid plan. If 5 p.m. usually means happy hour to you, decide on what you'll do instead. You may find that your body craves the calories and carbohydrates that you normally get from drinking so have healthy food on hand. This will help prevent filling the void with sweets and salty snacks.

Drinking is part of the social fabric for many and doing this alone can be daunting. Consider asking a friend or family member to join you so that you don't feel isolated. Figure out how much money you'll save by not drinking and put some of that aside to reward yourself at the end of the month.

Sober October is a great way to check into your relationship to alcohol and your mental health.

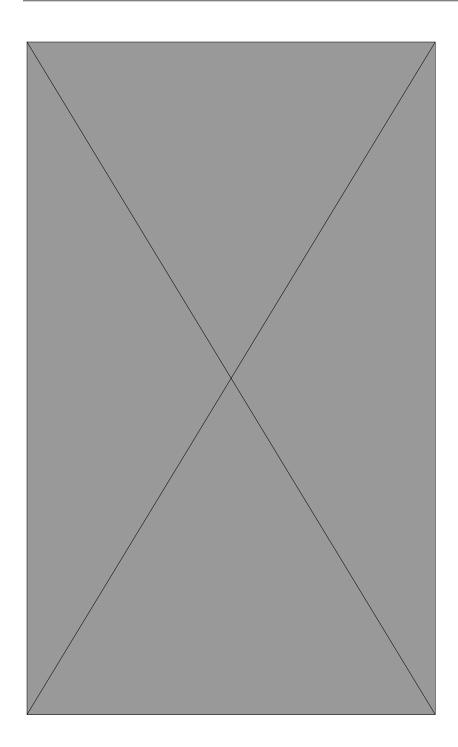
If taking the month off seems like too much, consider a week or even a couple of days and then shoot for taking a few days off each week. Over time, those couple of days will add up and can benefit you physically and mentally.

Beware that after a sober October, your tolerance will be lower, so don't overdo it on Nov. 1.

Six months after the BMJ study was completed, the researchers were able to reach about two-thirds of the participants. Most said that they had cut back on alcohol consumption because they felt so much better having taken a month off.

If you're concerned about the health of your liver, there are affordable, easily accessible and non-invasive liver function tests that you can have done. Early stages of liver damage are often reversible. It's worth checking into the health of this vital organ.

Jackie Rainford Corcoran is an IIN Certified Holistic Health Coach. Her purpose is to support others in becoming their best and healthiest version of themselves. Email her at jackie@corcoranhealth.com to schedule a complimentary 30-minute health coaching session. Check out her website corcoranhealth.com to learn more.



# American Life in Poetry: Column 705

BY TED KOOSER, U.S. POET LAUREATE

A poem is an object carefully assembled of words, a "thing" that readers must reckon with just as they'd reckon with any other object. The title poem of Adrian Koesters' new book, "Three Days with the Long Moon," published by BrickHouse Books, sets out a number of disparate elements, then observes: "... this pen making / a thing of them." So, it's the "pen" in the hand of the poet that assembles the singular "thing" from the details. And that's how a poem comes to be. This poet lives in Omaha and was one of our very able assistants on this column.

#### Three Days with the Long Moon By Adrian Koesters

That field nag, old-penny swayback. Low hawk, to ducks in train to a quad of geese, in case. Last night, the long

moon lay it seemed a tissue of snow, but then dawn told that wasn't so. Late morning, now, the fire, the hearth, eggs sitting for the mute plate and fork, this pen making a thing of them. Two more nights waterfowl safe and noisy

in the dusk, the low rails running flank to the river at midnight—find what they'll make of that river, this moon.

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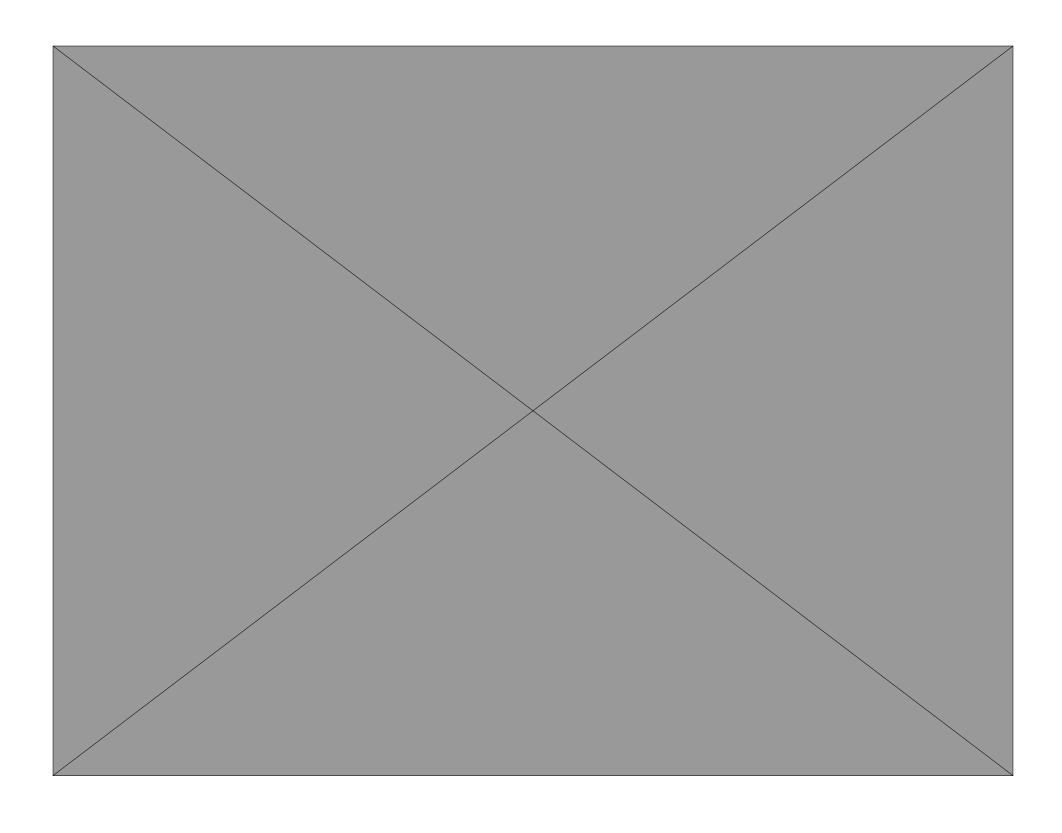
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# BACKLI

For Explore Big Sky, the Back 40 is a resource: a place where we can delve into subjects and ask experts to share their knowledge.

**Noun:** wild or rough terrain adjacent to a developed area **Origin:** shortened form of "back 40 acres"

# Getting dialed for rifle season

## BY PAT WOLFE EBS CONTRIBUTOR

#### Sight-in your rifle

This is critical for success. If your rifle isn't sighted, you'll miss a shot, or worse, wound an animal. Once you're sighted in, practice shooting from different positions—prone, sitting, standing. When you're out hunting, you don't always have time to get a dead rest, so you want to be comfortable shooting from different positions. You can also carry a shooting stick or add a bipod to your rifle.

If you slip and hit your scope when you're out hunting, go back to the range and shoot again to make sure you didn't bump it out of whack.

#### Go scouting

Go out and cover some ground. Look for fresh signs such as tracks, scat and rubbed trees. Get to know the terrain of the area where you want to hunt, and try figure out where the animals are. Use your binoculars or spotting scope, letting your eyes do the walking. This is also a good way to get in physical shape for the season.

#### Mule deer

**Traits:** Very sharp hearing, pretty good sense of smell. Eyesight not as good. **Habitat:** open sage and high mountains.

#### Whitetail deer

**Traits:** Generally all around spooky. Be careful with scent, movement—everything. Most

people use a tree stand with whities.

**Habitat:** river bottoms and alfalfa fields.

#### Antelope

**Traits:** Eyesight is their main defense. If they can't see you, you can hide behind a ridge and sneak up on them. They don't have a very good sense of smell. **Habitat:** prairie.

#### Elk

**Traits:** Elk are smart, have good hearing and a good sense of smell. Eyesight not as keen. When they do smell you they're going to run to the next drainage, so stay downwind. Get ready to put your time in and cover some country.

**Habitat:** timbered mountains. After the snows hit they go down into the valley bottoms.

#### Know your quarry

Understand the animal you're hunting. See sidebar for info on big game behavior.



There are many ways you can prepare yourself to have a successful hunting season in southwest Montana. Pat Wolfe outlines some tips to take with you into the woods. OUTLAW PARTNERS PHOTO



"The Durfees" is a documentary by Bozeman filmmakers that follows father-daughter hunters into public lands that are the subject of a hotly contested land swap proposed by billionaire landowners, the Wilks brothers. PHOTO BY GREG CAIRNS

#### Maps

Good maps are important for researching where you want to hunt, and finding your way around when you're out there. I use Google Earth for pre-scouting, and quad maps and a GPS when I'm hunting. The Montana Cadastral Mapping website has land ownership maps at gis.mt.gov/MontanaCadastralMappingProgram.

#### Secret spots

Look into block management areas, obscure pieces of state land and Bureau of Land Management squares. Sometimes the animals move from private land into these little squares. These are usually less popular with other hunters because they're not as easy to access or unmarked.

#### Get up early

Be in place somewhere you think is going to be good right at first light. Stay out until last light. Big game is crepuscular, which means they're active during twilight.

#### Weather

When it's hot early in the season, animals will need to be close to water. If it's raining or snowing, they tend to move more, so that's a good time to be up, looking around, glassing. If it's windy they'll hole up, so look in protected places where they might be bedded down, and glass midday for bedded bucks. Snow will push both elk and deer down to lower elevations.

#### Be patient

Wait for the right shot to present itself. You want to make sure you take a good clean broadside shot so you don't wound the animal. It is your responsibility as a hunter to make a clean kill.

#### Keep a cool head

Stay calm when you're about to shoot something so you don't make a mistake. When you do make a kill, take the time to deal with the meat properly so you don't waste anything.

#### Get after it

Get ready to put in some work if you want to be successful. Plan on hunting more than just a few days a year. The more time you spend out among game, the more you get an innate sense for where they'll be and how they act.

Pat Wolfe is co-owner of Stronghold Fabrication, a Bozeman-based metal and fine blacksmithing shop. A version of this story was originally published on explorebigsky.com in October, 2011.

# **SECTION 4:**ARTS & ENTERTAINMENT









# Molly Stratton: The tension of form

## BY SARAH GIANELLI EBS SENIOR EDITOR

BIG SKY – Ethereal and modern, organic and orderly, the thread-and-paper art of Bozeman native Molly Stratton is a refreshing sight in the sea of Western art that dominates in the Northern Rockies.

Stratton's work is representative of an internal landscape, a place where she explores the tension between the opposites that enthrall her, and attempts, through her art, to reconcile the unreconcilable.

For instance, her series "Lightweight" utilizes feather and rock symbolism, which she paints on embossed cotton paper, and geometric "drawings" of thread to examine notions of lightness and heaviness as they play out in male/female relationships.

"In every relationship one's a feather and the other's a rock," Stratton said. In healthy relationships a couple takes turns, she added, but she had definitely found herself in a situation where she felt like she had to be the rock when she was supposed to be the feather.

The fine, hand-stitched threads—finer than one could achieve with pen or brush—create hammock- or sling-like formations that appear to be holding the rock's weight.

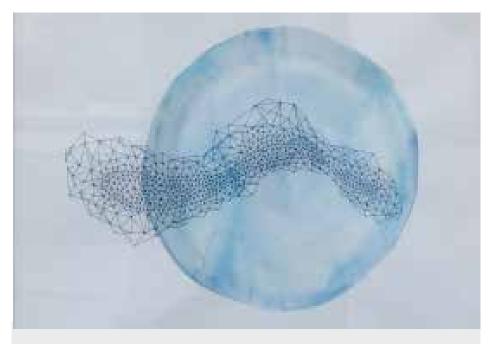
"Here's this heavy rock and this unbelievable delicate thing supporting it," Stratton said, which for her, prompted further inquiries into the nature of weightiness—maybe that which seems delicate, isn't; maybe heavy things aren't as heavy as one might think.

Her unique choice of multi-media—paper, paint, thread—and what she constructs with them, points to other poles that preoccupy the artist: chaos and order, looseness and precision.

The paint, especially watercolors, is loose and unpredictable. The threads are linear, forming webs of mathematic perfection. Nature—as can be seen in Stratton's cellular depiction of a bug's wing—is both.

Stratton, who was on a pre-medicine track before realizing she had racked up more art classes than science while a student at Maine's Colby College, is admittedly drawn to the perfectly ordered world of math of science, but is always striving to allow for more chaos in her work.

"I'm attracted to processes that require this sort of precision," Stratton said, who is currently working on a series based on the intricate flocking patterns of starlings. "I tend to be attracted to control. I keep fantasizing about being freed from it, but I can't escape it."



"Predation" is among Stratton's newer work based on the intricate flocking patterns of starlings.



Artist Molly Stratton works with paper, paint and ordinary thread to create works that explore the tension between opposites. PHOTOS COURTESY OF MOLLY STRATTON

Stratton is on a constant creative quest to strike an elusive happy medium.

"It's a lifetime pursuit to get to a place where the looseness or chaos seems perfect, not perfection seeming perfect; to appreciate flaws and see them as expression rather than a broken thing," she said.

There's also the literal tension in her work between thread and paper. Left too loose, the thread sags; pulled too taut and the paper bunches.

"It's interesting to find those things out that you wouldn't have unless you reach the edge of what you can do," Stratton said.

She traces her incorporation of sewing into fine art to her mother who, Stratton recalls, would come home from work, get on the sewing machine and make a skirt for a date that evening.

At one point, while working as a graphic designer, Stratton started a handbag business called Poppy, and sold her creations in local galleries and art shows.

Stratton still has her own graphic design business—you might have seen the humorous trail signage she designed for Gallatin Valley Land Trust to educate recreators on the importance of cleaning up after their pets—but her need to make tangible things is irrepressible.

"If money were no object, I'd just sit around and make things all day," she said.

That's why, when three fellow artists, among them Big Sky's Liz McRae, approached her about partnering in Grainhouse Art, a gallery on Bozeman's north side, she said yes, even though she had no idea how she was going to make it work.

"When that opportunity came along, I was so busy and thought I had no time for this, but I really needed to force myself to carve out time for [art-making] again," Stratton said. "It felt like one of those things that comes to you and you know you're going to say yes even if you have no idea how you're going to do it."

Whether exploring the poles of masculine and feminine, heavy and light, or looseness and order, like the way-finding symbols that often show up in her work suggest, Stratton is navigating, asking questions and answering them, through process.

"I feel like a lot of it is just about balance," she said. "Balance everywhere in your life—in your relationships, within yourself, with work ... it's like the rock and the feather, trying to find balance in all parts of life at all levels."

Visit grainhouseart.com to view more of the artist's work.

# HATCH returns to Moonlight Basin for 22nd annual summit

EBS STAFF

HATCH, a nonprofit started by Bozeman's Yarrow Kraner in 2004, has since spread to global proportions, but always stays true to its Big Sky roots and specifically, its founding sponsor Moonlight Basin.

Each year, in addition to other events in the U.S., Latin America and Europe, the summit convenes in Big Sky, bringing together the brightest minds in engineering, the arts, science, math and technology in a melting pot of race, age, cultures and talent for four-days of workshops, TEDx-like talks, and performance art, all with the intent to "hatch a better world."

The idea is that exposure to each other's unique brilliance will open new creative avenues, building a pipeline of ideation and innovation from Big Sky to the rest of the world and back.

Although the summit, which will take place at Moonlight Basin Lodge from Oct. 3-7, is invitation-only, Big Sky residents and students also have a chance to attend and participate.



The HATCH Summit returns to Moonlight Basin for a weekend of imagination-expanding workshops and lectures designed to inspire means of making the world a better place. PHOTO COURTESY OF HATCH

Each year, five students, and two educators from Big Sky School District and Bozeman School District are nominated to attend the HATCH Summit from the thousands of applicants from around the globe.

The HATCH Summits bring together a carefully curated group of 100 thought leaders with the purpose of accelerating solutions to global challenges.

HATCH alumni include NASA astronauts, Oscar-winning filmmakers, Pulitzer Prize winners, tech pioneers, educators, CEOs, and global innovators working to make positive global impact. Each summit strives for 50/50 gender balance, and 20 percent of the invited curation are students and educators, representing over a dozen countries and countless industries. This year's eclectic line-up is no exception.

Hundreds of ideas and dozens of projects have become a reality as a result of HATCH. Here in the Big Sky community, three programs have been launched in collaboration with Lone Peak High and Ophir School.

Created during HATCH Big Sky 2016, led by Grammy-nominated composer and musician Philip Sheppard and Big Sky's own John Zirkle, the HATCH Ostinato Project was formed to empower students to realize that they can compose music by removing inhibitive barriers common to the underserved music classroom. The program matches composers and industry musicians with schools and music classes to allow for collaboration on music creation, resulting in professional music production.

Led by toy inventor David Yakos, the Inventors Workshop is designed to help high school students understand the world of invention by exploring the origins of product ideas. Guest video appearances included the Inventor of Siri, Tom Gruber.

The Storyteller's workshop, led by Elke Goverstsen, CEO and Publisher of Mamalode, was a three part series that brought Oscar-winning writers to inspire students in a larger seminar forum, followed by smaller, after school break-out sessions focused on pushing participants to explore their own writing talents on varied topics. Two students were subsequently published.

NextGen LaunchPad is an entrepreneurial project-based curriculum that encourages high school students to pitch projects that can have positive impacts on their community, state, or the world. Selected students are then mentored from various members of the HATCH network to bring their project to life.

This year, HATCH launched HATCH Academy to connect the dots between where a young person is now and where they want to be, building necessary life skills under the apprenticeship of a seasoned professional.

Visit hatchexperience.org to learn more.

# Mountainfilm fills seats across Big Sky

BY DOUG HARE **EBS STAFF** 

Big Sky - In its third visit to Big Sky, Telluride's Mountainfilm on Tour returned with a weekend of inspiring and eye-opening documentaries and cinematographic entertainment.

On Sept. 14, the festival kicked off with a screening of Helena-native Kimberly Reed's political thriller "Dark Money" in the Warren Miller Center for the Performing Arts. The film examines the financial forces that influence Montana's elections as a microcosm for how untraceable corporate donations have impacted elections since the controversial Citizens United ruling by the U.S. Supreme Court.

Featuring appearances by a host of politicians from both sides of the aisle, including Gov. Steve Bullock and Sen. Jon Tester, Montana emerges as a frontier for combatting the corruption that can result when the outcomes of local elections can be bought with an influx of outside money. The film was followed by a Q&A with the Great Falls Tribune journalist featured in the film, John S. Adams, who gave candid remarks about how we might be able to gain more transparency and accountability in our election processes.

Saturday saw two screenings of a collection of short films meant to "inspire and educate audiences to create a better world," one geared to families held in the Big Sky Resort Amphitheater in the Shoshone Hotel, and a sold-out evening showing that filled up both theatres in Lone Peak Cinema. Paola Mendoza's "Free Like the Birds," a powerful look into the realities faced by undocumented immigrants, won the Audience Choice Award.

This year, the Arts Council of Big Sky extended the film festival with their own free, outdoor screening of "Bikes of Wrath" on Sunday evening in Town Center Park. The documentary film follows five Australian cyclists on a journey from Oklahoma to California as they retrace the westward migration of the Joad family from "The Grapes of Wrath" while exploring similar themes to John Steinbeck's novel such as migration, inequality, and the American Dream in the modern day West.



Featuring "Dark Money," a political thriller set in Montana on Friday night, and a collection of documentaries that celebrate the indomitable human spirit on Saturday night, Mountainfilm on Tour returned to Big Sky for the third year in a row. PHOTO BY KATIE ALVIN

"I thought there was a great mix in terms of content, style, and art in the collection of films this year," said Katie Alvin, outreach and education director for the Arts Council of Big Sky. "I thought most people were enthusiastic, even if they did not agree with certain elements of a film, there was an opportunity for dialogue. That is a real win. My personal interest in bringing Mountainfilm to Big Sky was for people to engage—with the films and with one another."

## Butterfield sculpture to be unveiled in Town Center Oct. 6

#### EBS STAFF

The Arts Council of Big Sky will unveil their first major public art project, a bronze sculpture created by world-renowned Montana artist Deborah Butterfield, in Town Center Plaza on Saturday, Oct. 6.

The festivities will run from 1 p.m. to 4 p.m., with a celebration following the 1:30 p.m. unveiling and announcement of the name chosen for the sculpture.

The Big Sky sculpture will be the first work by Butterfield, an internationally acclaimed artist and Bozeman resident since 1977, to be on permanent outdoor display in her home state.

In its 29th year as a local non-profit organization, the Arts Council is proud to place a landmark piece of significant art in the center of town by a Montana artist. The larger-than-life horse appears to be made of wood, but is actually bronze and impervious to the elements. It will be the anchor of the plaza in front of the Wilson Hotel on Town Center Avenue, scheduled to open in the spring of 2019.

As part of the Arts Council's "Pony Up!" campaign to raise funds for the \$400,000 project, the organization solicited entries from local businesses and schools with possible names for the sculpture. Nearly 200 ideas were submitted and the final selection will be made by the artist herself.

Butterfield's artwork is on display in public spaces, museums and private collections around the world, including New York's Whitney Museum of Art and the Museum of Modern Art; and the Smithsonian Institution in Washington, D.C..

Closer to home, the Yellowstone Art Museum in Billings also has Butterfield's work. Former museum director Donna Forbes is quoted saying she still laments not being able to raise enough money to buy a Deborah Butterfield bronze to stand in front of YAM. "There isn't an outside Butterfield anywhere in the state of Montana, and that's a shame," Forbes said.

The Big Sky piece was made from pieces of driftwood carefully collected from the banks of the Gallatin, Yellowstone, and Madison rivers. Through a lengthy creative process, those driftwood pieces were eventually cast into bronze. Butterfield patinas the bronze by hand to enhance the look of driftwood and set the color.



After more than a year, the \$400,000 bronze horse sculpture by internationally-acclaimed Montana artist Deborah Butterfield will be unveiled in Town Center Plaza on Oct. 6 with ceremonies beginning at 1 p.m. PHOTO COURTESY OF THE ARTS COUNCIL OF BIG SKY

To borrow her words, in 500 years, the form will still be as she intended it, with all its nuance found in the pinecones and wood grain. Butterfield describes her art as a combination of animals and architecture, a juxtaposition that all Big Sky visitors and residents taking advantage of Big Sky's downtown corridor will have a chance to contemplate.

The piece will be positioned to have direct sight lines to Lone Mountain, Big Sky's most iconic natural monument. Ultimately, the work is a reflection on technology, transportation, history, wildlife, beauty, and the human relationship to those ideas.

During a donor-appreciation event, Butterfield invited participants to let their imaginations crawl into the negative space of the sculpture, where humans can inhabit the wisdom and grace of horses. Under Big Sky resident Patty Rhea's leadership, the Public Art Committee raised all the funds needed to purchase, insure, and maintain the sculpture.

Visit bigskyarts.org to support public art initiatives in Big Sky and for more information.





## Art popping up in the trees

As a nod to Mountainfilm, which toured through Big Sky the weekend of Sept. 14, artist and film festival volunteer Liz McRae constructed a public art installation in the trees above the Hummocks and Uplands trailheads on the east end of Aspen Leaf Drive. Visible from parts of Town Center, the sculpture, inspired by Bhutanese prayer flags, is a stand of 20-foot dead trees and piping adorned with sewn swaths of white cotton.

McRae and her friend Molly Carrico blessed the flags before the dangerous feat of capping the trees with them.

"For me these little flags are just kind of up there waving at us saying 'we're here," McRae said. "[It's an acknowledgement] of the effort everyone is making to have more public art in Big Sky. All of these other buildings are popping up, why shouldn't art pop up too?"

McRae isn't sure how long the installation will remain standing, so next time you're walking around Town Center or hiking one of the area trails, be sure to look up and find the white flags waving in the wind. PHOTO BY LIZ MCRAE





# **'Frequently Asked Questions About Time Travel'**

BY ANNA HUSTED **EBS FILM CRITIC** 

On a typical night out at the pub, three best friends Ray (Chris O'Dowd), Toby (Marc Wootton) and Pete (Dean Lennox Kelly) accidentally invent a timetraveling device. Ray stumbles upon this invention when a pretty blonde named Cassie (Anna Farris) introduces herself as a woman from the future who has always wanted to meet the famous inventors.

The three nerds, or "imagineers" as Ray prefers to the offensive "n" word, do not believe Cassie initially, but then strange rifts in time begin to happen. In one instance, Pete returns to the pub from the bathroom and finds everyone murdered. In another, the entire town has been destroyed. Cassie's presence has caused all hell to break lose in the future, which in turn affects the friends' present.

Without giving away too many of the frequently asked questions, there a few typical time-travel inquiries that preoccupy the friends: What happens when you see your present self? Does traveling through time age the traveler? Can you travel back in time to before the time-traveling device was invented?

I love talking about time travel and parallel universes so I appreciate seeing it depicted in an interesting way on screen. Even more so, I love seeing time travel depicted with that British underdog sense of humor—like the friends pointing out that of course everyone in the future has an American accent; or in order to avoid seeing themselves in the present they have to hide in a tiny broom closet for what feels like days.

Another brilliant story device is that "Frequently Asked Questions About Time Travel" takes place almost entirely in one location—the pub. The movie has a glorious runtime of one hour and 23 minutes so viewers don't get bored or exhausted by that local drinking establishment. Plus, the pub acts as a totem marker for where travelers are in time. If the men's bathroom is in disarray you know you are in the present, but if it ceases to exist at all you are in a future you don't want to be in.

"Frequently Asked Questions About Time Travel" is a little gem of a film made by Gareth Carrivick in 2009, his only feature film before his untimely death a year later. For me, Carrivick lives on as a great director of one highly entertaining film.

"Frequently Asked Questions About Time Travel" is witty and relatable, and makes for great discussions about the rules of time travel. It starts and ends with a bang and, as Ray says, don't think about time travel too hard or it'll "turn your brain into spaghetti if you let it."

"Frequently Asked Questions About Time Travel" is now streaming on Amazon Prime.

Anna Husted has a master's in film studies from New York University. In Big Sky she can be found at the movies at Lone Peak Cinema or hiking up a mountain. When not gazing at the silver screen or watching her new favorite TV show, she's running, fishing or roughhousing with her cat, Indiana Jones.



The sole film made by Gareth Carrivick in 2009 provides rich fodder for conversations about the rules and implications of time travel. PHOTO COURTESY OF HBO



## **Between the Shelves**

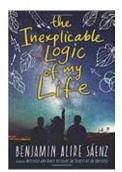
#### BY AMY HUNTER ASSISTANT COMMUNITY LIBRARIAN

This summer we invited all of you to revisit your teenage years during our Summer Reading Program Bingo. We challenged you to reread a book that you loved in high school, and read a book you were supposed to read in high school, but didn't.

It was fun to hear about the books you loved, and the books you had not read. I loved Madeleine L'Engle in high school. I was planning to be a marine biologist, so "A Ring of Endless Light" was both illuminating and discouraging. At that time in my life, nothing sounded worse than wanting to work with dolphins and whales but being stuck studying starfish!

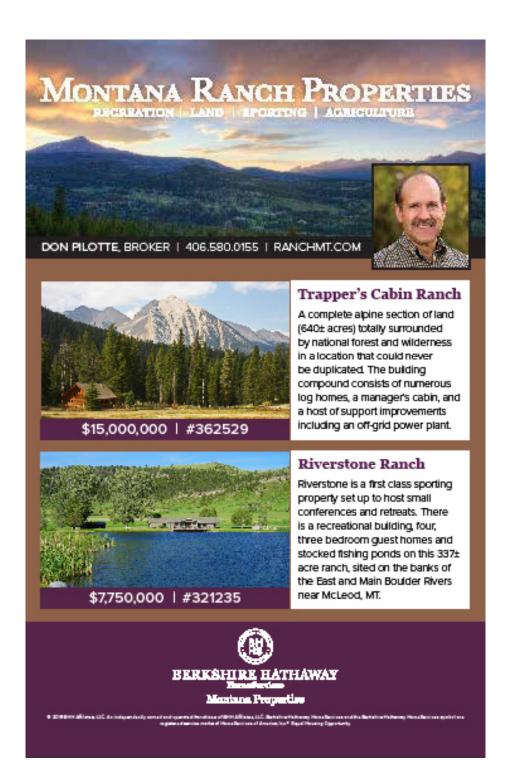
Fast forward many years to Teen Read Week, taking place nationwide from Oct. 7-13. Subtitled "It's Written in the Stars ... READ!," Teen Read Week is a focused time to promote reading to the teens in our lives.

I also propose a return to teen-reading years with some great current teen reads. A few titles in the library that are among the nominations for the Teen Top 10 of 2018 are: "The Inexplicable Logic of My Life" by Benjamin Alire Sáenz; "Long Way Down" by Jason Reynolds; or "One of Us is Lying," by Karen M. McManus. Whether you read a new young adult book or reread one from your past, let us know what you decide to read and what you think about it.











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# EVENTS CALENDAR

#### FRIDAY, SEPTEMBER 14 - THURSDAY, SEPTEMBER 27

If your event falls between Sept. 28 and Oct. 11, please submit it by Sept. 19 by emailing media@outlaw.partners.

### **BIG SKY**

#### **FRIDAY, SEPTEMBER 28**

Big Sky Resort closing day

Locals Lowdown: Live music Rainbow Ranch Lodge, 5 p.m.

Amanda Stewart Horn & Cantle Saloon, 7 p.m.

Trivia Night Lone Peak Cinema, 8 p.m.

#### **SATURDAY, SEPTEMBER 29**

Community Fitness Class Headwaters Fitness, 8 a.m.

Ironman Open Big Sky Resort Golf Course, 12 p.m.

Live music, Amanda Stewart Horn & Cantle, 7 p.m.

#### **SUNDAY, SEPTEMBER 30**

Live Music Compass Café, 11 a.m.

Brian Stumpf Horn & Cantle Saloon, 7 p.m.

Big Sky Resort Golf Course closing day

#### **MONDAY, OCTOBER 1**

Industry Night Lotus Pad, all evening

Quaker Meeting Big Sky Chapel, 5 p.m.

Bruce Anfinson Horn & Cantle Saloon, 7 p.m.

#### TUESDAY, OCTOBER 2

Story Bridge 'Play in a Day' Warren Miller Performing Arts Center, 9 a.m.-9 p.m.

Bruce Anfinson Horn & Cantle Saloon, 7 p.m.

Top Shelf Toastmasters Town Center Sales Office, 12 p.m.

#### WEDNESDAY, OCTOBER 3

Rotary Club of Big Sky Meeting Buck's T-4 Lodge, 5:30 p.m.

Surviving Cancer Support Group Santosha Wellness Center, 7 p.m.

Bruce Anfinson Horn & Cantle Saloon, 7 p.m.

#### THURSDAY, OCTOBER 4

Bridge Big Sky

Big Sky Water and Sewer District, 10:30 a.m.

Al-Anon Meeting Big Sky Chapel, 4 p.m.

Amanda Stewart Horn & Cantle Saloon, 7 p.m.

A.A. Meeting Big Sky Chapel, 8 p.m.

#### **FRIDAY, OCTOBER 5**

Arts Council: Painting for Drawing with Whitney Hall Bucks T-4 Lodge, 6-9 p.m.

Locals Lowdown: Live music Rainbow Ranch Lodge, 5 p.m.

Fish Fry BYWOM, all evening

Pete Manka Horn & Cantle Saloon, 7 p.m.

Trivia Night Lone Peak Cinema, 8 p.m.

#### SATURDAY, OCTOBER 6

Community Fitness Class Headwaters Fitness, 8 a.m.

Dana Hokana Horse Training 320 Ranch, Oct 6-7

Arts Council: Painting for Drawing with Whitney Hall Buck's T-4 Lodge, 9 a.m.-4 p.m.

#### Butterfield Sculpture Unveiling Town Center, 1 p.m.

#### Dan Greene Fundraiser Lone Peak Cinema, 7 p.m.

Tom Marino Horn & Cantle Saloon, 7 p.m.

#### **SUNDAY, OCTOBER 7**

Arts Council: Painting for Drawing with Whitney Hall Buck's T-4 Lodge, 9 a.m.-4 p.m.

Live Music Compass Café, 11 a.m.

Amanda Stewart Horn & Cantle Saloon, 7 p.m.

#### MONDAY, OCTOBER 8 Industry Night

Lotus Pad, all evening

#### TUESDAY, OCTOBER 9

Top Shelf Toastmasters Town Center Sales Office, 12 p.m.

Bruce Anfinson Horn & Cantle Saloon, 7 p.m.

#### WEDNESDAY, OCTOBER 10

Rotary Club of Big Sky Meeting Buck's T-4 Lodge, 5:30 p.m.

#### Bruce Anfinson Horn & Cantle Saloon, 7 p.m.

### THURSDAY, OCTOBER 11 Bridge

Big Sky Water and Sewer District, 10:30 a.m.

Nonprofit board training, workshop Big Sky Medical Center Community Room, 8 a.m.

'So you wanna be a board member,' workshop Big Sky Medical Center Community Room, 4 p.m.

Al-Anon Meeting Big Sky Chapel, 4 p.m. & 8 p.m.

Bruce Anfinson Horn & Cantle Saloon, 7 p.m.

### **BOZEMAN**

#### **FRIDAY, SEPTEMBER 28**

The Traveling School Passport Party, fundraiser The Rialto, 6 p.m.

Dammit Lauren and The Well; The Kelly Nicholson Band The Filling Station, 8 p.m.

Sam Morow Live from the Divide, 8 p.m.

#### **SATURDAY, SEPTEMBER 29**

Bozeman Winter Farmers' Market The Emerson Ballroom, 9 a.m.

Pickin' in the Park with Chuch Suchy Story Mansion, 7:30 p.m.

Jimmie and Pete, comedy The Ellen Theatre, 7:30 p.m.

#### **SUNDAY, SEPTEMBER 30**

Jimmie and Pete, comedy The Ellen Theatre, 3 p.m.

Learn to Skate Haynes Pavilion/BAHA, 12:30 p.m.

Ghosts of Bozeman's Past: Bozeman's Historic Sunset Hills Cemetery Sunset Hills Cemetery, 4 p.m.

Cole & the Thornes Norris Hot Springs, 7 p.m.

Modern Sons Bozeman Hot Springs, 7 p.m.

#### **TUESDAY, OCTOBER 2**

Life Drawing
The Emerson Cent

The Emerson Center for Arts and Culture, 6 p.m.

Women's Acapella Christmas Chorus Christ the King Lutheran Church, 7 p.m.

Jonathan Richman The Filling Station, 7 p.m.

Little Hearts, parent/child art workshop The Emerson Center for Arts and Culture, 10 a.m.

### **WEDNESDAY, OCTOBER 3**MSU Health and Safety Public

Webinar Montana State University, 12 p.m.

Vinyl Vortex MAP Brewing Company, 4 p.m.

Author Event with Chris La Tray Country Bookshelf, 6 p.m.

Bozeman Film Society: 'Puzzle' The Ellen Theatre, 7 p.m.

#### **THURSDAY, OCTOBER 4**

31st Annual Career Fair MSU, Strand Union Building, 9 a.m.

Bozeman Symphony: Tuning in to the Orchestra Bozeman Public Library, 5 p.m.

Open Build Makerspace, 6 p.m.

Author Event with Charlotte Caldwell Country Bookshelf, 6 p.m.

Ty Stevenson Norris Hot Springs, 7 p.m.

Pickin' in the Park with Pearl Django Story Mansion, 7:30 p.m.

#### FRIDAY, OCTOBER 5

Townsend Fall Fest 2018 Townsend Heritage Park, 5 p.m.

#### Bridger Raptor Festival Keynote Presentation The Ellen Theatre, 6:30 p.m.

#### SATURDAY, OCTOBER 6

Bozeman Winter Farmers' Market The Emerson Ballroom, 9 a.m.

Bozeman Photo Expo 2018 Hilton Garden Inn, 9 a.m.

Townsend Fall Fest 2018 Townsend Heritage Park, 10 a.m.

#### Bridger Raptor Festival Bridger Bowl Ski Area, 10 a.m.

Farm to School Feastival Rocky Creek Farm, 11 a.m.

Bozeman Symphony Piano Recital Series Reynolds Recital Hall, 7:30 p.m.

Pickin' in the Park with Bill Staines Story Mansion, 7:30 p.m. Gary Vider, comedy The Ellen Theatre, 8 p.m.

Hillstomp The Filling Station, 9 p.m.

#### **SUNDAY, OCTOBER 7**

Bozeman Photo Expo 2018 Hilton Garden Inn, 9 a.m.

#### Bridger Raptor Festival Bridger Bowl Ski Area, 10 a.m.

Townsend Fall Fest 2018 Townsend Heritage Park, 10 a.m.

Learn to Skate Haynes Pavilion/BAHA, 12:30

The Lego Movie The Ellen Theatre, 2 p.m.

Bluebelly Junction Norris Hot Springs, 7 p.m.

#### Bozeman Doc Series "Science Fair" The Emerson, 7 p.m.

#### **MONDAY, OCTOBER 8**

Montana State University Homecoming Various venues, Oct. 8-13

#### **TUESDAY, OCTOBER 9**

Provost's Distinguished Lecturer Series Eric Funk 7 p.m. MSU, Reynolds Recital

Rusted Root's Michael Glabicki with Dirk Miller The Rialto, 8:30 p.m.

#### **WEDNESDAY, OCTOBER 10**

Who are you Calling Queer? Lecture MSU - Strand Union Building, 12 p.m.

Vinyl Vortex MAP Brewing Company, 4 p.m.

#### John Scofield's Combo 66 The Rialto, 6:30 p.m. & 9 p.m.

Gallatin History Museum Lecture The Spanish Influenza Pandemic Toll

Musuem of the Rockies, 6 p.m.

#### THURSDAY, OCTOBER 11

Aran Buzzas Norris Hot Springs, 7 p.m.

Extreme History Project Lecture Montana's Hospital for the Insane Museum of the Rockies, 6 p.m.

Frank Vignola and Vinny Raniolo The Ellen Theatre, 7:30 p.m.

# DAN GREENE FUNDRAISER

October 6 | 7 p.m.
Lone Peak Cinema in Big Sky

## **ALCOHOLICS ANONYMOUS**

can help if you think you might have a drinking problem. Call (888) 607-2000 to talk to a member of A.A., or go to aa-montana.org for meeting times and locations.

# MSU HOMECOMING EVENTS

#### **MONDAY, OCTOBER 8**

#### **Book Release**

Kick off Montana State University homecoming week with the release of "Democracy by Degrees," the next installment chronicling the 125-year history of MSU. A lecture will be followed by a reception and book signing.

Museum of the Rockies, Hagar Auditorium, 4:30 p.m.

#### **TUESDAY, OCTOBER 9**

#### **Homecoming Bingo**

Rocking R Bar, 7 p.m.

#### MSU Volleyball v. University of Idaho

Shroyer Gym, 7 p.m.

#### **WEDNESDAY, OCTOBER 10**

#### **BBQ** on the Mall

Centennial Mall, 11 a.m.

#### Climb to light the "M" on Mt. Baldy

Meeting location TBD, 8 p.m.

# FRIDAY, OCTOBER 12: BLUE & GOLD FRIDAY

#### Blue & Gold Friday, all day

Don your blue and gold best to show your MSU spirit!

#### **Alumni Fridays**

Rocking R Bar, 4 p.m.

#### **Fraternity and Sorority Social**

Rocking R Bar, 5 p.m.

#### **Homecoming Pep Rally**

Downtown Bozeman, 5:30 p.m.

#### **SATURDAY, OCTOBER 13**

#### **ASMSU Homecoming Parade**

Main Street, Downtown Bozeman, 10 a.m.

#### **Homecoming Tailgate**

Kagy practice fields, across from Bobcat Stadium, 11:30 a.m.

#### MSU Football v. University of Idaho

Bobcat Stadium, 2 p.m.

#### **MSU Volleyball v. Eastern Washington**

Shroyer Gym, 7 p.m.



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