



Pine Brook Press

A Quarterly Journal for, about and by
Pine Brook Hills Residents

Winter 2016



Tim Triggs

PBH HAS A NEW LOOK

By Allen Saville

Have you noticed? Pine Brook Hills has a new entry sign – it's wonderful. Thanks to all of those who helped to make this happen.

A new entry sign for Pine Brook Hills has been an HOA topic for *many* years. The old sign was out of date and deteriorating. As you might expect, with the opportunity to create a new sign, there were a significant number of opinions about what it might look like.

The members of the Architectural Review Committee (ARC) and the HOA Board got the project started in January of 2014 as the first "Community Enhancement" initiative. Thanks to Mike Von Hatten and the ARC for keeping this project moving in the early phases. The project solicited input from residents and a number of folks got involved in one way or another.

Jim Eyster (ARC member) worked with Burt and Andria Lewis who own the property upon which the sign is partially located. Burt and Andria were extremely generous and community spirited in providing an easement for the location and maintenance of the sign. Joyce Colson and Rob Quinn prepared legal documents for the easement. Once executed, the documents were recorded with Boulder County.

Mike Von Hatten (ARC Chairperson) proposed a design using local sandstone slabs as a durable, easily constructed, and cost effective solution. A budget was prepared and presented to the PBH HOA Board, who approved it in March 2015. The project really got into high gear when the ARC reached consensus about the general look and feel for the sign in Spring 2015 and Tim Triggs (ARC member) took on the role of project manager.

Tim built a scale model and brought it to the HOA general meeting in July and the ARC and HOA Board approved a design based on that model in August.

Working with Noah Steele, the master craftsman at Tribble Stone in Boulder, Tim coordinated stone fabrication, demolition and site preparation (special thanks to EZ Excavating Company), as well as installation of the sign. PBH residents Fred Wolf, Charlie Springer, and Julius Hummer (alias “The Alder Lane Boys”) worked with Tim as the on-site construction crew.



Onsite Crew Photos By Tim Triggs

Solar powered lighting of the sign will be completed soon by the ARC. Landscaping will be done in the spring with John Cathy heading up that effort. John plans to chair the new PBH garden club and this will become the club’s first project.

Many people worked together and volunteered much time and effort to get this accomplished – PBH Thanks You Very Much!

Just in case you did not know, the Architectural Review Committee is one of the hardest working committees within the HOA. In 2014 they took on the additional role of working on “Community Enhancement Initiatives.” The PBH entry sign is the first of those projects. Another initiative that is currently in the works will be located at the intersection of Linden and South Cedar Brook. This site is being used to stage materials and equipment involved in the water main project along lower Linden by the Pine Brook Water Department, but will soon yield a much more appealing arrangement that has been described in previous Pine Brook Press articles.

2016 COMMUNITY CALENDAR

HOA MEMBERSHIP MEETING - TUESDAY, JANUARY 26

6 PM Potluck Dinner

7 PM State of the HOA - New HOA President Brian Wahlert, Officers, and Committee Chairs will update the community on the current and future work of the HOA

Meetings are at the Community Center/Firehouse unless otherwise noted.

HOA Board meetings are open to all residents. Attendance is welcomed and encouraged. Meetings begins at 7 PM. Next meeting: January 5.

ARCHITECTURAL REVIEW COMMITTEE - Meets the 2nd Tuesday of every month at 7 PM.

BMFPD BOARD - Meets the 2nd Monday of every month at 6:30 PM at either the Pine Brook or Boulder Heights Firehouse. Call 440-0235 for specifics.

BMFPD AUXILIARY - Meets quarterly. Next meeting: January 17 at 3:30 PM. Email auxpresident@bouldermountainfire.org for details.

WATER BOARD - Meets first or second Thursday of every month at 4:30 PM. Call Water Office at 443-5394 for dates.

PRESIDENT'S PATTERN

By Brian Wahlert, HOA President

With the change to a new even-numbered year comes a new president of the HOA. Before I introduce myself, I want to recognize the extraordinary efforts of the outgoing president, Allen Saville. During the September 2013 flood, a boulder the size of a small car tumbled down the slope and lodged itself in the upper floor of Allen and Marla's home, rendering the house unlivable. Despite that, Allen signed on for a two-year term as president of your HOA. Throughout the year-plus home rebuilding effort, he served our community admirably not only as president but also as a BMFPD firefighter, maintaining one of the department's highest call response rates. Allen talks a lot about the importance of volunteer effort in keeping our community great, and he exemplifies this ethic of community service.



Allen's house is now beautifully rebuilt, better than ever, and Allen has completed his two-year term as president, but he will continue to serve on the HOA Board as our member at large and as a BMFPD firefighter. Thank you Allen for your outstanding service to our neighborhood.

So what about me? My family had the good fortune in 2010 to move from the Seattle area (a great place) to Boulder (the most spectacular place to live that I know of.). After moving to Boulder, we learned that you don't have to actually live in the city to enjoy the amenities of Boulder.

**PINE BROOK HILLS
HOMEOWNERS ASSOCIATION
BOARDS AND COMMITTEES**

PRESIDENT

Brian Wahlert, 425-242-8746

VICE PRESIDENT

Rob Quinn, 447-0970

SECRETARY

Mike Von Hatten, 997-8319

TREASURER

Peter Gaal, 720-287-2426

MEMBER-AT-LARGE

Allen Saville, 442-1682

ARCHITECTURAL REVIEW

Mike Von Hatten, 997-8319

NEWCOMER WELCOME

Jo Wiedemann, 447-2569

SOCIAL CHAIR

Veronique Foster, 444-9892
& Sally Powell-Ashby, 440-0507

FIRE CHIEF

John Benson, 440-0235

FIRE BOARD PRESIDENT

Duke Snyder, 443-0777

THIRD ARM

Bob Loveman, 926-0204

FIRE AUXILIARY

Ann Blonston, 720-295-2660
& Catherine Von Hatten, 997-8319

WATER BOARD

Kirk Hendricks, Pres., 442-1308

WATER DISTRICT

Robert de Haas, Mgr., 443-5394

PINE BROOK PRESS

EDITOR

Catherine Von Hatten, 997-8319

LAYOUT

Param Singh, 417-0373

STAFF

Nancy Tamura, 919-961-8184

ADVERTISING

Ads@pinebrookhills.org

E-MAIL: press@pinebrookhills.org

WEBSITE: www.pinebrookhills.org

WEBMASTER: Brian Wahlert, 425-242-8746

You can be in the foothills, perched on a ridgetop on several acres of land with distant mountain views in a beautiful ponderosa pine forest with deer, foxes, and the occasional bear or bobcat for company, and still be less than 15 minutes from downtown Boulder. You pay less for your house than a comparable house on a postage stamp-sized lot in town. And you still get all the amenities of the city – excellent utilities (thanks, in part, to the often heroic efforts of Bob de Haas in Pine Brook Water), paved roads that are plowed well, and a bus to take the kids to the Boulder Valley schools.

So when Dave and Allen asked me in 2013 to sign on as HOA vice-president, I didn't hesitate. I'm grateful for the countless hours of volunteer effort that have made Pine Brook the amazing place that it is today, and I'm glad to do my part to contribute.

Heading into 2016, Pine Brook is in an especially good place.

- The mountain pine beetle threat has abated, thanks to the efforts of Suzanne Adams, Jo Davies, Brian Ridley, Jim Adams, and all the Beetle Busters who inspected properties and recommended mitigation to protect our forest.
- While we choose to take a risk living in an area with high wildfire danger, Chief John Benson, Mitigation Coordinator Mike Palamara, and all the volunteers at Boulder Mountain Fire continue to serve our community incredibly well. We've been fortunate with lower wildfire danger in the past year, but when fire comes again, I can't imagine a better department to protect us than BMFPD.
- Thanks to extensive flood repairs and additional significant maintenance work, the average pavement quality of our public roads increased from 2012 to 2015, for the first time in two decades. And the County has included in its 2016 budget funding to repave all of Linden this year! The PBH street that constitutes the majority of the drive for the majority of our residents will be brand-new by the end of this coming summer. Big thanks to Peter King-Smith and others who have worked tirelessly on this issue over the years. Those steady efforts are paying off in a big way.

Sure, no place is perfect. The Tussock Moth is attacking the Douglas Fir forest just outside Pine Brook. Excessively fast and erratic driving threatens human and animal life. We don't yet have funding to repave Pine Brook's aging roads, except for Linden. But I'm not thinking about a pothole here or there when I'm marveling at a spotted fawn right out my window. Or watching my six-year-old as he photographs flowers and insects and collects rocks.

Or listening to my three-year-old giggle and say "higher, higher" as he rides our tree swing.

So here we are, four years after moving into Pine Brook, and the magic hasn't worn off. Every day, we marvel at the beauty out our windows and the incredible natural playground for our young boys. I'm confident that with the ongoing effort of residents who love our community like I do, we can continue to make Pine Brook Hills an even more amazing place to live. If you have ideas, or time to devote to one of our many volunteer efforts, contact me at president@pinebrookhills.org.



ARC UPDATE

By Mike Von Hatten

Fast Track Review: The PBH ARC is developing a fast, simple process to review exterior construction in an effort to better serve the community. For small projects not requiring a Boulder County permit or requiring only an "EZ Permit," residents can contact the ARC by phone or email to discuss the review and approval of their project. A simple "ARC Fast Track Application Form" will be posted on the PBH website for use by applicants. Residents can submit their application and project information by email. This information will be emailed to the ARC members for review, comments and in most cases, approval in several days. No need for residents to wait for or attend the monthly ARC Design Review Meeting. Approvals will be digitally executed by at least three members of the committee and the approval will be stored in the ARC database. Approvals will also be noted in ARC Design Review Meeting Minutes.

The Boulder County EZ Permit is an "easy" simple permit issued for smaller, limited scope projects as listed on the Boulder County website (bouldercounty.org). The application form for an EZ Permit is available online. Applications can be made by fax or in person, over the counter, at the Boulder County Land Use offices at 2045 13th Street.

Digital Document Format: The ARC is also revising the submittal of project documents and the storage of information to a digital format. Most architects, engineers and contractors have adopted the use of digital documentation. Other documents are easily scanned to a digital format. This approach will simplify and improve document distribution, storage and retrieval.

ON THE WATERFRONT

By Bob de Haas

2016 is an Election Year! Two Water Board Members are up for election: Kirk Hendricks and Rick Waters. Both positions are four (4) year terms. Both Board Members have said they will run for re-election. If you feel you would like to be on the Board and would like to stand for election, please get in touch with Robert de Haas, Manager and current election coordinator, who will get you the forms and information needed. Anyone desiring to run for the Board must file a Self Nomination Form by February 26, 2016 or have filed a Write-in Candidate Notice by February 29, 2016. Bob can be reached at 303-443-5394. If there are no more candidates by March 1, 2016, the election will be cancelled.

Linden Pipeline Project – By the time this article comes out, this project should be done except for the repaving of Linden which will occur in April and May of 2016. The repaving project is a coordinated effort between Boulder County and the Pine Brook Water District. The District's obligation under our road cut permit to put in the pipeline was to simply mill 2 inches of the pavement off and put down an overlay. The County decided that this was a good time to take advantage of the work being done and to completely repave the road from the City Limits to North Cedar Brook as a joint venture between the two entities. By late next spring that entire section of Linden will be completely repaved (both lanes)! While we all have to endure the road through the winter, we have something to look forward to by next summer!

Water Treatment Plant Project – This project is starting to wrap up. Soon we should be done and will have restored our ability to produce the amount and quality of water to pre-flood conditions. This will be good news for everyone!

Reliable Supply Pipeline – This last project will occur around April of 2016 and involves adding a second pipeline between "upper" and "lower" Pine Brook. The flood destroyed the use of our wells that served as the emergency supply for lower Pine Brook, if the one pipeline we had to deliver water to lower Pine Brook failed. With the installation of this pipeline, the District will have two connections. In the case of a failure of one pipeline, the other can continue to deliver water. This is a much better solution than trying to recover the wells!

The best news for last! The projects described above plus all of the other flood damages that we have been repairing have almost entirely been paid for through FEMA and State Grants! If not for these

grants, the District would have been in trouble to fund the needed repairs. The total of these grants will be about \$3,000,000.00 (three million dollars). This would have worked out to a cost per home of about \$7,500.00. Hope you're as pleased as we are!



FOREST HEALTH - BEETLEBUSTERS ADVISORY

By Jim Adams



Our Mountain Pine Beetle epidemic has abated, but the Douglas-fir Tussock Moth is coming. The picture above shows dead Doug-fir forest half a mile west of Pine Brook Hills (healthy Ponderosa Pine and Doug-fir are in the foreground). Vigilance and removal of Mountain Pine Beetle brood trees did limit damage to our Ponderosa forest. Now we can defend our Doug-firs.

Tussock Moth larvae kill trees by eating their needles during warm months. Eggs are laid during late summer, they overwinter and hatch in late May. The female does not fly, she lays a frothy mass of eggs on her cocoon. Tiny hatched larvae go to the top of a tree to eat tender new needles and they eat lower needles as they grow.

Look for these cocoons now.



The caterpillar is pretty, but its hairs are irritating and are built into the cocoon - so do not touch either. Small larvae disperse in the

breeze by sailing on threads.

If you see cocoons or balding Doug-fir tops please report their location to foresthealth@pinebrookhills.org. For more information about how to deal with this new threat please visit www.pinebrookhills.org > Services > Forest Health - BeetleBusters.



BOULDER MOUNTAIN HANDMADE THANKS YOU



Boulder Mountain Handmade is the success that it is due to the help of many community members, area businesses, and local organizations. The Auxiliary's largest annual fundraiser relies on many hands to achieve its goals.

- Boulder Mountain Fire Protection District residents in Boulder Heights, Pine Brook Hills, Carriage Hills, Wagon Wheel Gap, Buckingham Hills, and Valley Lane contributed crafts, baked goods, one-of-a-kind art works, food for volunteers, photography, sound equipment, materials and supplies, time and effort, and money to this year's BMH.
- Safeway on Iris donated cases of bakery supplies for use in the Bake Sale.
- Lucky's Bakehouse and Creamery on Broadway donated bakery supplies for use in the Bake Sale.
- North Boulder Liquor contributed a gift certificate that was included in a gift basket.
- Moe's Bagels provided breakfast and lunch for volunteers on Saturday.
- Boulder County Arts Association and North Boulder Art provided free advertising for BMH through their online newsletters, emails to members, and calendars.
- A number of local performers and performing arts groups donated their time to BMH: The Suzuki Fiddlers, Three Story Limit, Zach Bahn, Broadway Performing Arts Academy, K.C. Groves, and Tim Triggs.
- Tinker Art Studio in North Boulder donated materials and expertise for children's art activities

- all day Saturday during the sale so our youngest visitors would feel part of the event.
- Firefighters from BMFPD had a fire truck on site both days and provided guided tours for event visitors...an attraction for patrons of all ages. Thanks to Allen Saville, Tim Farrell, Mike Head, Mike Hupka, Paul Munding, Greg Huckabee, Anna Huckabee, and Claire Carlin for helping to make it obvious what the fundraising efforts support.
- Third Arm members provided traffic control for BMH and another visible cue about who is supported by this fundraiser. Many thanks to Wendy Acheson, Marla Saville, Dee Marlin, and Steve Zalk.

If these vendors, organizations, and neighbors are people you have contact with, let them know how much you appreciate their contributions. The Auxiliary sure does!



GET INVOLVED! START WITH THE JANUARY 26 HOA MEETING

Each January the HOA Board highlights the work of the previous year and outlines what's coming up. Join your neighbors to enjoy a potluck dinner and hear from your new HOA officers and committee chairs.

New HOA President Brian Wahlert will articulate his vision for PBH. Other Board members will update the community on our budget, ongoing projects, and plans for 2016. Come hear about enhancement projects, covenants, forest health, social activities, and our roads. Don't miss hearing from Chief Benson and Bob de Haas about what's happening in the Fire Department and Water Department.

Potluck Dinner 6:00 PM
Business Meeting 7:00 PM

VOLUNTEERS NEEDED!

Interested in getting involved in the community? Want to learn some new skills? Looking for a way to meet your neighbors? Volunteering in your community is a great way to meet those goals.

The HOA Needs...

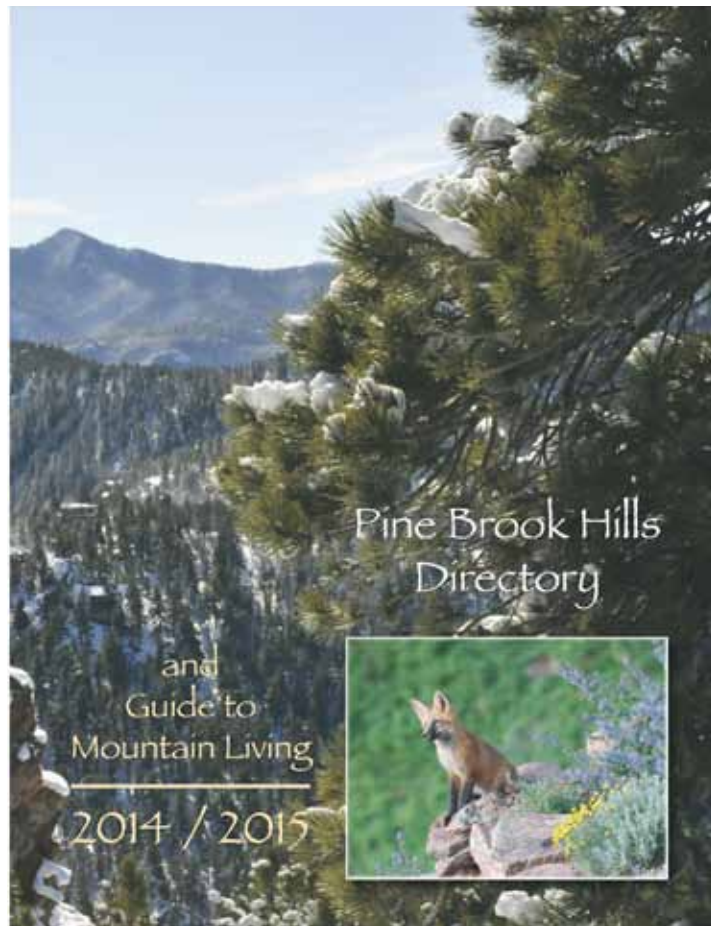
- **Historian**—The neighborhood has been around long enough to have a history and we would like to record some of that. If you are interested in stories and preserving our heritage, this is your job.
- **PBH Social Committee** is looking for a new co-chair to help plan neighborhood activities each year.

The Pine Brook Press needs...

- **Authors and Photographers** - If you have an idea and want to submit an article, we'd love to have it. If you snap a good photo in the neighborhood, send it our way. press@pinebrookhills.org
- **An Advertising Manager**—Our advertisers help defray the cost of the quarterly publication. If you like talking to people and finding out about their work, this is the job for you. Most ads are already lined up so you would be mostly managing, not selling.

BMFPD...the Fire Department needs...

- **Firefighters and Medics** - Contact Chief Benson if you'd like to find out more or get involved.
- **Third Arm** - on scene support with traffic control, evacuation, communication...contact Bob Loveman if you would like to find out more or get involved.
- **Auxiliary** - provide behind the scenes support for fundraising, community education, provisioning, and recognition...contact Ann Blonston or Catherine Von Hatten for more information or to get involved.



Every two years, the Pine Brook Hills Directory is updated. Watch for your new 2016-18 copy to arrive soon!!

Healthy Food, Treats and Toys for Cats and Dogs

Alley's Dog Bowl & Cats Too!

4593 N. Broadway Boulder
Across the street from Amante Coffee in North Boulder
Easy Parking in Front
720-502-4869

We Deliver!

Mon-Fri: 11:00 am to 7:00 pm
Sat: 10:00 am to 6:00 pm
Sun: 11:00 pm to 5:00 pm

\$2.00 Off purchases of \$10 or more with this coupon

One coupon per transaction. Expires 8/15/15

WELCOME TO PBH NEWCOMERS

With Jo Wiedemann

Joseph and Mary Kovach love to cook, travel, and spend time with family and friends. Joseph is the Senior Vice President of Hunter Douglas. Mary is retired from corporate event and meeting



management and is currently in investments. They have two grown daughters who are both married, one grown son, and three grandchildren. They have two dogs: Lulu, a Golden Retriever, and Fay, a small Yorkie.

On the first day that **Heather and Robert Leja** started looking for a new home, the fourth house they walked



into was in Pine Brook Hills and they instantly knew they had “come home.” Luckily, their two dogs, Gracie and Neko also approved.

Robert is the Director of Marketing and Corporate Support for KUNC radio, an NPR affiliate based in Greeley (102.7 FM in Boulder). He’s a Rhode Island native and Boston University alum. Heather is a “recovering” attorney who spends much of her time working with nonprofit organizations and, most recently, developing her songwriting and singing skills. Heather and Robert met on the Wheels of Justice – a cycling team that has raised more than \$2.6 million for Children’s Hospital Colorado. They are avid cyclists and live music fans. They got married in 2011 at the Telluride Bluegrass Festival and go to the Rocky Mountain Folks Fest in Lyons every year. Heather is also a snowboarder and hiker, who has recently upped her game with climbing expeditions to Mt. Rainier and Aconcagua.

Gabe and Sarah Monroy moved to Pine Brook



Hills in August with their son Sam, who turned two in December. Their second son Levi was born in October 2015. The Monroys love running, hiking and spending time together outdoors. They are thrilled to be in Pine Brook Hills in their lovely mountain home.

Gabe and Sarah grew up ten minutes apart on Cape Cod, Massachusetts. Following high school, both attended Tufts University in Boston where they started dating their sophomore year. After being recruited by a local software company, Gabe moved to Boulder in 2001 with Sarah following shortly thereafter. With the exception of a few years in New York City, they have lived in Boulder ever since.

Gabe is an entrepreneur specializing in open source software and distributed systems. He co-founded

OpDemand in 2011 to streamline application delivery for software teams. OpDemand was acquired by San Francisco-based Engine Yard in 2015. When he's not traveling for work, Gabe enjoys running, hiking, gardening, and spending time outside with his family. Sarah is a surgical physician assistant in general and vascular surgery at Boulder Community Hospital. Sarah is first assist in the operating room and is responsible for inpatient and outpatient surgical management. She studied at Weill Medical College of Cornell University, Boulder College of Massage Therapy and Tufts University. Sarah enjoys watercolor painting, Bikram yoga, running, and cooking.

Sarah, Anthony, Ella (9), and Georgia (6)



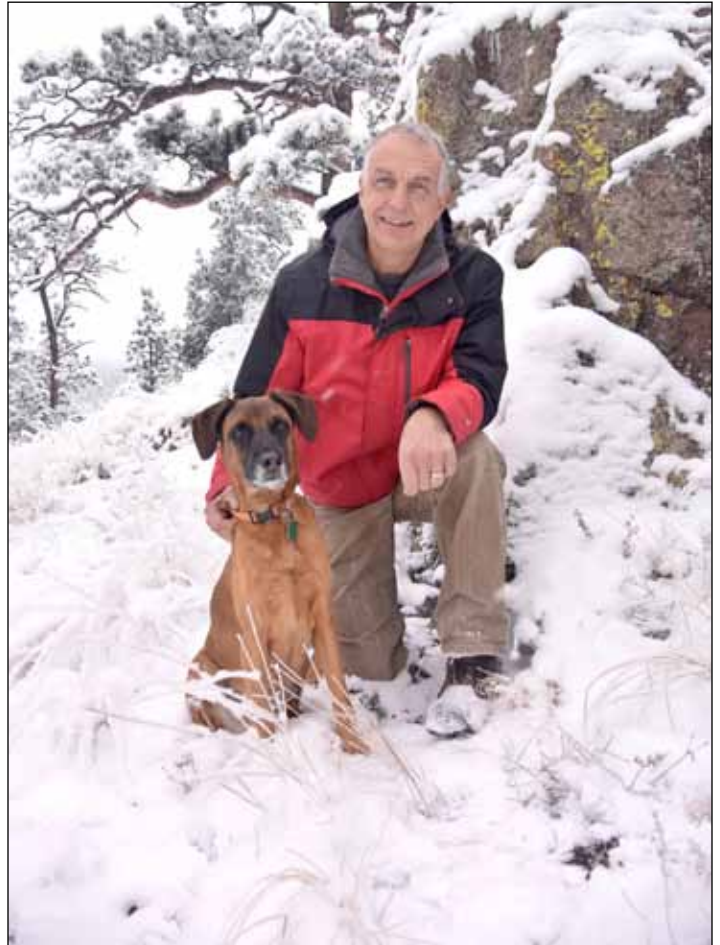
Moorhouse and Willow the dog moved to Boulder from Melbourne, Australia about a year ago with plans to stay for a couple of years. It didn't take them long to realize just how incredible this place is, so they bought a home and settled in for the long term.

Like so many Boulderites, they love a good adventure. Their weekends usually involve either skiing or snowboarding, hiking, bike riding, climbing, or spending time with friends. They love the excitement of Boulder, but are equally as passionate

about the serene tranquility of Pine Brook Hills.

They hope to become active participants in the community. Anthony runs an international emergency management business and would love to get involved in helping with community emergency preparedness and response.

Kevin Smith moved to Pine Brook Hills in September



after living in Maryland for 20 years. The escape from the extreme humidity and temperature has been great. He moved here to be near his son who lives in Golden and works in Boulder. His hobbies include getting out of doors to do almost any activity, primarily hiking so far, and wildlife photography. The photo of the deer on the front page was taken in Pine Brook Hills. If anyone has wildlife they would like to get photos of, he would love to help. Kevin is especially interested in getting a photo of the black fox that he spotted recently near the intersection of Timber Lane and Pine Tree Lane!



IT'S ALL ABOUT YOU

Offering honest and exceptional real estate services and expertise



How can I help you with your Real Estate needs?

**I'm not just your local Realtor,
I'm your Pine Brook Hills neighbor**

EVA MARIE
720.633.4283
eva@evamarie.com



Financial clarity changes lives



Mercer Advisors is one of the first fee-only independent investment advisor firms. We deliver single-source total wealth management services. Call today to schedule your complimentary wealth management consultation.

Laura Combs, CFP®
Managing Director
2595 Canyon Boulevard, Suite 220
Boulder, Colorado 80302
800.525.0961 | merceradvisors.com



Mercer Global Advisors Inc. is registered with the Securities and Exchange Commission and delivers all investment-related services. Mercer Advisors Inc. is the parent company of Mercer Global Advisors Inc. and is not involved with investment services. ©2015 Mercer Advisors. All Rights Reserved.

LANDSCAPE DESIGN BUILD MAINTENANCE



- Retaining Walls
- Native Xeriscaping
- Patios & Water Features
- Firewise Landscaping
- And Much More!



303.447.2282 *Caring for your land... Naturally!*



EcoscapeDesign.com



Listing and selling real estate in Pine Brook Hills since 1998.

Craig Peterson BROKER ASSOCIATE, GRI, E-PRO
 720.564.6008 | craig@petersonhomes.com | www.petersonhomes.com
 Wright Kingdom | 4875 Pearl East Circle, Ste 100 | Boulder, CO 80301

Flexible • Reliable
 Insured • Guaranteed

Serving Boulder area residents since 1986

HOUSE CLEANING SERVICE

PUT YOUR FEET UP AND RELAX...

Since 1986, **Corners Too Housecleaning** has provided high quality residential and light commercial cleaning services to homeowners, property managers and businesses in the Boulder area.

We are a friendly bunch committed to supporting a clean and safe environment for people, pets and the planet.

Visit our website then call or email to schedule a free estimate
 303-642-0839
 marlene@cornerstoohousecleaning.com
 www.cornerstoohousecleaning.com

A great brand is a *necessity*, not a *luxury*

LIV | Sotheby's INTERNATIONAL REALTY

"Barb got the job DONE. We had multiple offers right off the bat and sold the house quickly and for its asking price. She also shepherded everything through the closing process, which was expeditious and trouble-free. We could no be happier! We'd gladly give Barb our highest recommendation to whomever might ask." -Steve and Susan Browning

2015	Residential	Land
Total Sales Volume	\$16,922,000	\$2,254,500
Properties Sold	21	8
Average Sales Price	\$805,810	\$281,813
Highest Price	\$1,345,000	\$500,000
Lowest Price	\$555,000	\$99,000
Longest Days on Market	344	512
Shortest Days on Market	1	107



BARB SILVERMAN
 Broker Associate
 303.886.5329
 barb.silverman@sothebysrealty.com

It would be an honor to represent you in your real estate needs.

Call me today for current market details or a complimentary valuation of your home.

BOULDER MOUNTAIN FIRE ANNUAL HOLIDAY PARTY



TANGERINE

Breakfast, Brunch, Lunch
www.tangerineboulder.com

arugula

Local, Inspired, Modern Italian
www.arugularistorante.com

Henderson Personal Coaching

*Coaching for
Life, Teams, & Leadership*

Roger J. Henderson
168 Meadowlook Way
Boulder, CO 80304

Bus: 303-448-0046
Cell: 303-990-7646
hender.coach@outlook.com

Self-Awareness
Emotional Intelligence
Communication

HEALTHY LIVING: BURNING ISSUES

By David and Vanja Bortz

Hello neighbors! We are two of your friendly neighborhood professors. We moved to PBH in 2010 just in time to get evacuated for the Four Mile Fire. That didn't deter us and we've greatly enjoyed living here ever since. At our day job, we do modeling and statistics of biological, environmental, and medical systems. Over time, we've come across several pieces of science that we think are important to share, particularly with regard to using wood as a heat source. So, please keep the following in mind as the weather turns colder:

- Smoke from wood is very harmful. It contains benzene, formaldehyde, and dioxin as well as polycyclic aromatic hydrocarbons (PAH) and other volatile organic compounds (VOC) at concentrations that are carcinogenic.
- The best wood burning stoves on the market (EPA Phase II approved) are still 200 times more polluting than natural gas. Moreover, this is only true when the stove is new – as they age, they pollute more.
- Smoke particles are so small that they filter into homes even with the doors and windows sealed. The level of indoor smoke pollution is typically equal to 70% of the outdoor smoke levels.
- One hour of fireplace chimney smoke exposure is roughly as bad as smoking 30 cigarettes (in terms of carcinogens). This hurts children and pregnant women disproportionately more, as they breathe more air per body pound than other people.
- Wood is not "clean energy." Annually, heating with wood produces 97 lbs. of pollution, while heating with natural gas produces less than 0.2 lbs. of pollution. The energy density of natural gas is also about 3.5 times more than wood, which means that wood pollutes substantially more as it is transported.
- Despite these facts, wood enthusiasts have successfully lobbied to get burning wood labeled a renewable resource and obtain renewable energy tax credits. This greatly undermines the efforts on truly renewable resources like wind and solar.
- It's tempting to think that the wind will dissipate the pollutants from the chimney. However, due to our

GREEN GIRL RECYCLING

Pine Brook's recycler since 1999

Choose us to know 100% of your recycling will get recycled correctly.

Green Up Your Home & Support Local Business

-  Residential (Mountain Pick-Ups)
-  Commercial (Small & Large)
-  Front Door Services
-  Data Destruction Services
-  Electronics Recycling Pickups



We make recycling easy!

Call us: 303-442-7535

www.greengirlrecycling.com
greengirlrecycling@yahoo.com

mountain topography, the smoke often doesn't go up and dissipate, but hangs out low and deposits nearby (especially in the winter, or when it rains or snows, or when there are clouds).

- Hot smoke goes up initially, but then it cools very quickly and 90% lands within 100 yards of the chimney.
- Burning two cords of wood produces the same amount of carcinogenic particles as driving a gasoline-powered car 130,000 miles (at 20 miles/gallon).
- The city of Fort Collins says, "The City recommends that you avoid using your fireplace or wood stove to protect the health of yourself and your neighbors." Moreover, they have a loan program to help homeowners replace their fireplaces with natural gas heaters. Many other cities in the nation are doing the same.

So, if you consider burning fires this winter, please don't do it often, and be mindful of your neighbors. Many of us live up here because we appreciate or depend on clean air. Let's not pollute it unless we absolutely have to! Or, consider switching to natural gas fireplaces.

To learn more about the health effects of wood smoke, visit <http://burningissues.org>. For a short fact sheet, see: <http://burningissues.org/car-www/pdfs/facts-sheet.pdf>.



BMFPD 2015 AWARDS

Congratulations and a big thank you to these BMFPD volunteers who serve our community so selflessly.

- Lifesaving: Lauri Beckwith
- Lifesaving: Chief John Benson
- Third Arm Member of the Year: Bob Loveman
- Rookies of the Year: Claire Carlin and Anna Huckabee
- Auxiliary Member Honorees: Judy Tupy, Elise Branyan and Duke Snyder
- Administration recognition: Becky Benson and Marysue Huckabee

Service Awards

- 5 Years: Lauri Beckwith, Kenny Goldman, Kenny Johnson, Helen Norton
- 15 Years: Andrew Churnside
- 20 Years: Melanie Pray

Rookie Graduates

- Claire Carlin
- Anna Huckabee
- Eric May

DAVID HUMMER

November 4, 1934 to December 17, 2015

One of the earliest residents of Pine Brook Hills died on December 17, 2015. David Hummer with his wife Janet and son Julius, lived here at the



David and Janet on their Wedding Day

end of Alder Lane for 47 years. When they bought the land in 1966 there was no Alder Lane, only a little path. They followed it and were rewarded with a splendid view of the back range. They had a one-lane track dug to the site and a year later began building their home. They brought water in for the first few years. Some years later the track was widened through the combined effort of David



David with good friend Astrid

and Kirk Hendricks. In those early days lower Linden ran past horse pastures and the first rise in the road was known as the Goat Lady's Hill

because an elderly woman had a wooden house and barn there and kept goats. Altogether they drove past only about six houses on their way up to their house on the top of West Point, as the hill is called on maps.

In addition to being a physics professor at CU and one of PBH's earliest residents, David was a brewer extraordinaire. He co-founded Boulder Beer in 1979. David will be missed by his family, neighbors, and friends.

2015 BMFPD FIREFIGHTER OF THE YEAR

Congratulations to **Kirk Bach** who is the 2015 Fire Fighter of the Year for Boulder Mountain Fire Protection District.



Kirk grew up in Pine Brook Hills and began volunteering with the Department during the summers while he was in high school 20 years ago. He attended college at Fort Lewis College in Durango where he took his first emergency medicine class so he could serve as an EMT when he was home from college in the summers. Once his chemistry degree was completed, he returned to Boulder to join the family business and moved back to PBH.



Kirk now has his own home in PBH where he, Jenny, and their daughters, Megan and Sarah enjoy hiking and skiing. Kirk's day job is making optics for spectroscopy. His company has provided optics for the Hubble and James Webb telescopes, NASA, ESA, and many other aerospace companies. Currently, Kirk is an Incident Commander for BMFPD and serves the Department as a fire fighter.

2015 BMFPD MEDIC OF THE YEAR

Congratulations to **Mike Head**, Medic of the Year for Boulder Mountain Fire Protection District, his second



year in a row to receive the honor. Mike has been with the Department for seven years serving as an emergency medical responder and fire fighter. Prior to his work with BMFPD he did search and rescue elsewhere. He worked in the emergency department at St. Anthony's Hospital during part of his tenure with BMFPD.



Mike is a graduate of CU Boulder where he studied Integrative Physiology. He currently owns two small businesses, one focused on software development and the other a drink company. When he is not working, Mike enjoys rock climbing, hiking, and skiing. He coaches the women's gymnastics team, Boulder Flyers, at North Boulder Recreation Center. He also enjoys traveling and plans to spend most of January in Thailand with his girlfriend.

PINE BROOK PRESS
1907 Linden Drive
Boulder, Colorado, 80304



Jim Maynard

Uh - Oh! Everything is white! Where do I get some camouflage?