



Kiwanis Club of the

Foothills

Club Website: www.foothillskiwanis.org

Meetings: Monday at 7:00 am at Coal Creek Clubhouse,
585 W Dillon Rd, Louisville, CO 80027 (303) 666-7888

Feb. 5, 2021

Coming up . . .

2/4/21-District 11 Quarterly Meeting

2/8/21-Nick Duclos, Director of Youth and Family Ministry
for Risen Savior Lutheran Church

2/15/21-Mike Pollard, United Airlines Pilot/Simulator Trainer

2/22/21-Cliff Bosley, Bolder Boulder Update

3/6/21-District Mid-year Conference Virtual

Program Chairperson:

February - Randy

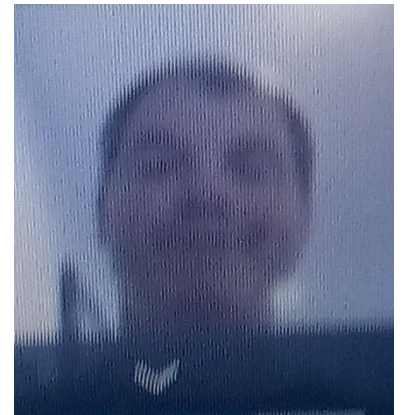
March - Bob

Snippets from Recent Club Meetings

1/18/2021, David Turner, Physical Meteorologist, NOAA,

Part II

Dave is a Physical Meteorologist with the Global Systems Laboratory within the National Oceanic and Atmospheric Administration (NOAA) in Boulder. His research interests include using different types of remote sensing observations to understand how the lowest part of the



atmosphere evolves in different conditions and improving numerical weather prediction models accordingly. He is the chief of the Verification and Assessment Branch, and the program manager of the Atmospheric Science for Renewable Energy program within NOAA. Wind turbulence continues to increase on the plains and other flatland areas. Wind turbines and solar panel use are increasing in these areas. Wind and solar are the cheapest form of electrical energy, although there are some issues with their use. The electric power supplied from these two forms of energy is variable. The peak power usage is from 2PM to 10PM when people start going home after work and school. Because of their variability, weather predictions are important in the areas that have installed larger numbers of wind turbines and solar panels during peak usage hours. Therefore, power plants need to know when to kick in steam and gas turbines as backups to the renewable energy power supplies. A time-of-day forecast is necessary. "Behind the grid" energy sources such as roof top solar panels can relieve some of the peak power electrical demand, but not replace back up steam and gas turbines. The current HRRR (High Resolution Rapid Response) Model 4 can predict weather throughout the day better than previous models.

Club Officers

President

Brian Coleman

Past President

Craig Hurst

President-Elect

Bill Anderson

Secretary

Vince VanZago

Treasurer

Joe Girard

Board of Directors

Rudi Baumann

Alan Boeve

Matt Frederick

Randy Hayden

Bob Mohling

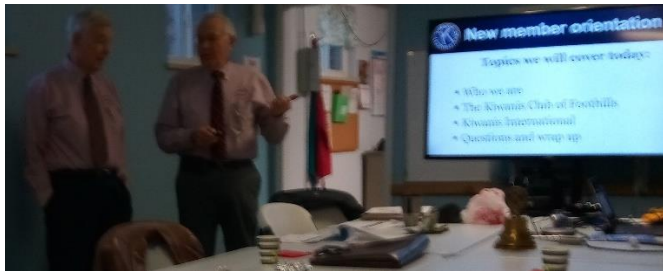
Annette Wagenknecht

Marty Sugg

Maj. Mike Paugh

Wind and solar energy must be transmitted through overhead power lines. These transmission lines can be adversely affected by wind speed that initiates a cooling in the lines that causes the lines to sag and negatively affects power transfer. Power plants need accurate forecasts to compensate for these losses with gas and steam turbines. Hydro-electric power is viable in places like Upstate New York and the Columbia basin. Wind speed for turbines is most consistent in the ocean coastal areas. Both hydro-electric and ocean wind power require long distance transmission lines. NOAA modeling using HRRR model 4 has accurately predicted wind surges that affect power output from these transmission lines. We thank Dave for another interesting and informative presentation to our club.

1/25/2021, Bob Mohling and Dave Rogers, New Member Orientation



Dave and Bob presented their new member orientation as part of the new member induction of Herm Heine and Gordon Fordyce (see below). The presentation covered topics like Who we are; Kiwanis International; and Kiwanis Club of the Foothills. The presentation started with our Defining Statement: "Kiwanis is a global organization of volunteers dedicated to improving the world one child and one community at a time". Bob and Dave provided interesting statistics about KI and our Foothills Club. Kiwanis was founded in 1915. Club members perform 150,000 service projects worldwide. There are 7,000 international clubs with 6,000 being in the US. There are 266,000 International members and 367,000 International Key Club members. The US Headquarters is in Indianapolis, IN. Our club is part of the Rocky Mountain District, which covers three states: Colorado, Wyoming, and Nebraska. The club was chartered over 51 years ago on September 23, 1969. One current member, Rudi Baumann was a charter member. The club met in Boulder for most of their existence, but after their meeting place, **The Egg and I** restaurant, closed in 2016, the meetings were moved to the **Sweet Spot Café** in Louisville. Originally the Club and Foundation spent all the money they raised, but now there is a cushion. The primary emphasis of the club is service projects and fund raisers. Bob and Dave stated the club's signature projects were the Service Dogs and the Salvation Army. Fund raisers include the Coolest Dog of the Front Range, C48M, and the Salvation Army Red Kettle

Drive. Our club sponsors three Key Clubs at Peak to Peak, Monarch, and York International High Schools. We also sponsor a KCI club at the University of Colorado. We all appreciate Bob and Dave for all the work they put in on this informative new member orientation.

2/04/2021, Jason Hurd, the Erie Airport



Jason is a graduate of the Colorado School of Mines with a degree in Math and Computer Science. He is a licensed pilot for both single and multiple engine planes and is qualified using instrumentation. He is a pilot of a twin-engine transport plane as well. Jason always wanted to be a pilot, even as a kid. In 2001 Jason started Vector Air for training pilots and managing the airport. Most people drive by and ignore community airports. In the US there are 19,700 general aviation airports. 5,200 are open to the public and 500 of these are open for commercial service. Most of these airports have a recreational component associated with them. Small airports are vital for medical services in states that have towns miles from large full-service hospitals. Erie airport supports other airports like Broomfield and Longmont. They also take 300 to 400 planes off the plates of larger airports such as Rocky Mountain Metro. Erie airport was privately developed, but open to the public. In the late 1980's the FAA funded a new runway with a \$2M grant. However, the airport developers had a 10% responsibility for the funding, which forced them into bankruptcy. The FAA approved the town of Erie to buy the airport, which they did using an "Enterprise Fund". The airport operation is not supported by tax dollars, so the users had to pay the operational expenses. In 2009, the town hired an airport manager whose salary came out of the EF. This forced the airport into the red. In 2011, the EF bought the airport. Jason now manages the airport without salary. Under the EF management, the airport has put in new lighting and many upgrades and improvements that needed to be done. In 2015, the FAA came in to evaluate the potential for the airport and by then the airport was operating in the black. The biggest challenge for Jason is the continued need for upgrades to the airport. The terminal is in bad shape and

needs renovating. Also, the entryway needs work and there needs to be security fencing around the property. The airport formed an advisory board independent from the town that is reviewing ways to develop and improve the airport. The Erie airport and nearby airports in Boulder, Broomfield, and Longmont get about \$150,000 a year from the FAA. These airports have started "trading" funds with each other, as a cooperative to help meet each other's upgrade costs. An East West runway has been debated for years (into the wind rather than cross current) but cost and the "hill" in that direction has killed the project. Some commercial operators have inquired into using Erie Airport to get away from the congestion at Rocky Mountain. The current runway is too short for jets (4,000 ft). Jets are best suited for Rocky Mountain Metro since they have an 8,700 ft runway. Our club thanks Jason for his informative talk about the challenges of operating small, but valuable community airports.

Herm Heine and Gordon Fordyce inducted as Club Members on 1/25/21



Herm and Gordon are the first new members inducted in 2020/2021. Herm is originally from Hibbing Minnesota where his Dad pastored for 25 years. Hibbing was an iron ore mining center. After Herm's father passed away, he and his Mother moved to Minneapolis, three blocks from the U of Minnesota. Herm's Mother took a job as a house mother in all girls (Comstock Hall) dormitory. It was there that Herm met his wife Kathy who was connected to the Lutheran Chapel. Herm and Kathy have been married 62 years. They have three kids, four grandchildren, and three great grandchildren. Herm spent most of his career in insurance, his last position was in a litigation unit. **Gordon is a native of Bethany Missouri and grew up on a farm.** Gordon married the first time in 1973 and has two girls, Caryn and Amy from his 1st wife. Gordon worked as an autobody repair man, before opening Fordyce Auto Repair in 1990 in Louisville. Gordon married his wife Alicia in 2000. Gordon has a passion for service and fund raising

especially the food banks. Gordon is also active in promoting small businesses. Gordon has introduced the club to Continental 48 Mechanics, a country wide service group of auto shops that give oil changes for donations. Foothills Kiwanis Club welcome Herm and Gordon.

Board/Foundation Meeting Minutes Foothills Kiwanis Club

January 6, 2020 @ The Salvation Army and Virtually



Board Meeting

- ☐ **Meeting called to order at 7:19 AM**
- ☐ **Those Present**
- ☐ Bill A., Joe, Randy, Rudi, Craig, Bob, Matt, Brian, Mike, Annette, Marty, and Vince
- ☐ **Minutes Approval**

December minutes approved unanimously

- ☐ **Treasurer's Report**

Some members are in the rears on dues (at least one quarter behind) as of January.
Note: December Happy Dollars went into the Red Kettle Drive.

- ☐ **Secretary's Report (Dashboard)**

Attendance: December = 16.5 average per meeting; November = 16.6. Service Hours: December=381 hours with 17 reporting; November = 257 with 10 reporting. December Non- member hours= 2; November = 4. Guests: December = 4. November = 7. New members approved in December = 1; November = 0.

- ☐ **Chair Reports**

Invocation/Greeter – Dave

List is filled through January.

Speaker Program –Bob (Dec) Marty (Jan)

January Speakers are listed at the end of the minutes. January leader will be Marty.

February is Randy. Speakers for February so far are listed at the end of the minutes.

Communication/Education – Vince/Joe

Joe has brought the club website up to date with archiving newsletters and pictures.

Joe figured out how to use WIX and we will stay with that for now. He has started

working on Jerry's dog website at this point. Liz Theresa Website Company not working out.

Membership/Recruitment – Bob/Joe
Gordon Fordyce application has been turned in. Karen Vent took an application. Tim Lever, Ron Blackwelder, Elliott Bowman, and Rick Fernandez say not now. No word back from Arielle Clark. Jerry Howard feels he is too far away in Erie. He could be a potential candidate for a club in Erie. Brian would like to pursue start up club in Erie. Bob feels we should wait until our membership hits 30 before starting another club.

Community/Inter Club Liaison – Matt.
136 lb. of food donated to the Community Food Share from Wells Fargo.

CKI/Key Club – Bill A.
Bob has talked to Rachel Medina. Rachel and Tiffany wanted to start seven new clubs as their goal but have backed off to one because of Covid. Centaurus is the club they want to start. There is a core group in place, but they need to add enough members to qualify for a charter. CKI at CU is struggling all extra-curricular activities have been canceled. Paul and Brian will make contact when students return to campus.

❑ Old Business

Jordon Knight the new Sweet Spot owner expects to be up and running at the end of January. He would be interested in hosting us again. We need to appoint a committee to pursue this as first choice and report back to the Board. We would like to keep the cost per breakfast to \$8 or \$9 per person. With coffee and tip this puts the cost up to \$12. This would keep us afloat without raising dues. We need to address service, storage, and parking needs (single level). Bob feels we need to work up criteria for meeting sites. Vince will check with Broadlands.

❑ New Business

New member Gordon Fordyce approved unanimously.

Club Meeting Adjourned at 8:13 AM

Foundation Meeting

❑ Those Present

Bill A., Joe, Randy, Rudi, Craig, Bob, Matt, Brian, Mike, Annette, Marty, and Vince

❑ Minutes Approval

Minutes approved unanimously.

❑ Treasurer's Report (Foundation)

We added \$4232 from Benevity that helps companies with matching fund donations. An Oracle employee set up a fundraiser and Oracle matched it. This may belong in the SDFk account. December Treasurer's Report accepted unanimously.

❑ Treasurer's Report (Service Dogs)

There was a new pup bought for \$600. Much less expensive because there were no AKC papers. Jerry and Alan are okay with that. Also, small expense for new dog vests.

❑ Old Business

Jerry's website work is coming along well and ready for a Beta Test.

❑ New Business

Signature Project submission is due to International between Jan 10 and Jan 31. We will support Salvation Army (Brian) and Service Dogs for kids (Randy). **Note: further inquiry revealed only one project per club for the contest. We elected to combine service dogs and coolest dog for service and fundraiser.**

❑ Meeting adjourned at 8:25 AM



February: Program Manager Randy Hayden

2/1/21: Jason Hurd, Erie Airport and Economic Development Board

2/8/21: Nick Duclos, Director of Youth and Family Ministry Risen Savior Lutheran Church

2/15/21: Mike Pollard, United Airlines Pilot and Simulator Trainer

2/22/21: Cliff Bosley, Bolder Boulder Update

