



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. 28, 2021

Coming up . . .

3/1/21-Lt. Governor Michelle Hoffner, State of the Division
3/6/21-District Mid-year Conference Virtual
3/8/21-Gordon Page, Spirit of Flight Museum
3/10/21-Club Board/Foundation Meeting
3/15/21-Douglas Campbell Solid Power
3/22/21-Julie Valk, Boom Supersonic XB-1 Test Prototype Plane
3/29/21-Zach Kreeger, Young Life Broomfield/Adams Co

Program Chairperson:

March – Bob

April-Vince

Snippets from Recent Club Meetings

2/8/2021-Nick Duclos, Director of Youth and Family Ministry at Risen Savior Lutheran Church

Nick Duclos talked to the club about kids in Covid. Nick began his ministry in 2018. Nick's Youth Ministry at RSLC includes kids from 5th grade to young adults age 30. Nick himself is a middle child and has a degree in hospitality. He has worked for Omni Hotel and NFC Community Management. Nick enjoys fishing, golf, travel, and sports in general. Mental health is the biggest challenge for kids in today's climate of lockdown. School closures, isolation, social media, and technology all contribute to this condition in today's kids. Most of the kids in Nick's ministry are dealing with some type of mental issue influenced by isolation as classes have been virtual for almost a year. To make matters worse, there were no graduation ceremonies or parties this year, leaving the kids with a feeling of "missing out". Kids can get hopeless with nothing to look forward to. Hormones and puberty complicate their lives as well. The good news is that mental health is not as taboo a subject as in times past. PSD was prevalent in World War II but was generally ignored. Fortunately, it is recognized today as a prevalent issue in the mental health field for all ages. Cancel culture is another negative for kids today. This subject is confusing for most adults, much less kids. They are left with a feeling of hopelessness and no place where they can commit. The Church offers a world of hope and optimism for addressing the issues for today's kids. However, we live in a society where there is much anti-church sentiment. The Club thanks Nick for this informative presentation.



Club Officers

President

Brian Coleman

Past President

Craig Hurst

President-Elect

Bill Anderson

Secretary

Vince VanZago

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Rudi Baumann

Alan Boeve

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Bob Mohling

Annette Wagenknecht

Marty Sugg

Maj. Mike Paugh

Trainer

Mike Pollard has been a pilot since age 14. He now has over 14,000 hours of flying. He trains other pilots on a \$30M Boeing 737 simulator.

Instructors are experts in the aircraft and all its systems but are not necessarily active pilots. Often, the instructors are retired captains. Many airplanes experiencing in flight emergencies have landed uneventfully because of training that allowed the pilots



to remain calm and follow non-normal procedures. Many mainline pilots get their start with regional airlines such as ConAir or government funded EAS (Essential Air Services). To qualify as a pilot with a major airline, candidates need a pilot's license, a FAA medical exam every six months, and an EKG every year. There is currently a shortage of pilots. Training facilities are currently overwhelmed by inexperienced pilots because the door is wide open making training difficult. In the early 2000s, it was too expensive to start with zero hours and go through training without getting hired at the end. That is not true now. Flight Operations Manuals for airlines like United goes over every detail including threat air management. The mental state of pilots is important and communication between the two pilots is essential. Standardization in training is essential since a pilot flies with many different co-pilots. An important aspect of full flight simulators is non-normal training. This entails training on engine and other parts failures. From this point, pilots progress to normal and non-normal flight training with limited instructor interaction. After this, pilots do LOFT (Line Oriented Flight Training) where they learn FAA and United standards. This training usually lasts 30 hours, although some trainees need more. Pilots are required to go through continued training every nine months and computer training every four months. When changing plane models such as from a 737 to 787 entails starting all over again as a new pilot. Mike completed training on the 737 MAX last December. The MAX is pretty much the safest airplane out there. It has a Mcast system that automatically corrects a maneuver like pitch that the airplane was not trimmed for. Our club appreciates Mike giving us his insight and expertise into modern airlines flight training.

Alliance

Keenan has been with Donor Alliance for 17 years. Donor Alliance is a non-profit certified tissue bank. They save lives through organ and tissue donations. The Alliance covers Wyoming and Colorado.



Wyoming has 20 counties and 24 hospitals. Colorado has 64 counties and 93 hospitals. In 1905, the first cornea transplant took place, and in 1950 the first successful kidney transplant occurred. In 1984, legislation created the **National Organ Transplant Organization** that matches donors to patients. The Alliance has main offices in Denver, Colorado Springs, and Casper. The Alliance started with 50 employees, but now has 150. They have partners and relay air transport with University of Colorado, Presbyterian/St. Luke, Porter Adventist, and Children's Hospitals. They also partner with Rocky Mountain Eye Bank, and tissue processors Allasource and Life Cell. Hospitals start the process when they notify the Alliance of a donor. Alliance then determines the qualifications and does tissue testing for infections and diseases. They also manage a list of recipients to determine if available organs match their biology. Eight organs can be transplanted: heart, heart valves, cornea, lungs, liver, kidneys, pancreas, and intestines. One donor can donate all eight of these organs to as many as eight different hospitals. This requires the Alliance to work closely with tissue processors and transplant centers. In addition to organs, tissue like bones, veins, tendons, and skin can be transplanted. This means that one donor can donate to as many as 80 separate people. It is of great comfort to surviving families knowing that their loved ones have helped so many people for years to come. The donor registry is established by law and is confidential, centralized, and only established organs can be donated at time of death. There is only first-person authorization. Survivors cannot alter the wishes of donors, for this reason, it is important that donors communicate wishes to family and friends. Colorado leads the nation in participation rate with 68%, while Wyoming is fifth with 62%. There were 40,000 transplants performed in 2020. As of January 15, 2021, there were 108,155 patients waiting for lifesaving transplants in the US. These patients include 91,507 awaiting kidneys, 11,944 for livers, 3,484 hearts, 1684 kidney + pancreas, 970 lungs, 887 pancreas, 217 intestines, and 42 heart + lung. There are no age limits on donors. Time of death evaluations of tissue and organs is surprisingly fast. Time is often critical for organ transplants.

Lungs and heart must be transplanted in five hours and liver and kidneys within 10 to 12 hours. Correct terminology is important. For example, recover or procure not harvest; donated organ or tissue not body parts; ventilated or mechanical support not life support; and deceased donor not cadaver. Our club is grateful for Keenan's informative presentation on this life saving tissue and organ transplants. For more information go to donoralliance.org.