



Rotary Club of Centennial Colorado



Centennial, Colorado

May 17, 2016



Madison Hall from Arapahoe High School received the latest Student of the Month Award. Shown above is Madison receiving the award along with her parents Susan and Wilbur Hall. Madison has a 3.579 average and has received two academic letters. She has been an honor student for all four years at Arapahoe HS, 2 years as Link Crew, two years in National Honor Society, and is a two year special needs peer intern. She has been a coach of the Unified Basketball Team, 2015 varsity softball captain. Upon graduation she is going to Oregon State University to major in Civil Engineering. Her hobbies include hiking, biking, camping, spending time with family and traveling.

Invocation was given by Paul Horiuchi. Don Shattuck gave the Rotary minute where he talked about the development of the Rotary wheel. Randy Pye lead us in the Pledge.

Blue Marble—John Weksler was not able to find the blue marble. Next weeks prize is worth \$282.00

Randy Pye requested that when someone wants to use material from DropBox, copy and paste to your files and do not delete it. When deleted, it is deleted from our DropBox.

Speakers were Jessica Reagan, Hannah Pavlic and Bill Kirton who gave their classification talks.

Jessica moved around during her childhood as her father was a minister. She moved from Cleveland to Denver in 1999 and graduated from Elizabeth High School. She attended the University of Wyoming where she got a degree in music. She volunteer for 2 years at Prairie Wind Animal Refuge in Agate, CO. From there she worked at the Wildlife Experience for 7 years. She then went to Top Golf in Centennial where she is head of Event Sales.

Hannah Pavlic is the youngest of 3 girls. She started college at Creighton and then transferred to Marquette University where she got her BS in nursing. She moved to Denver in 2015 and she works as a nurse in the Emergency Room of Children's Hospital. She has recently been certified as a CASA representative.

After studying philosophy at Philips University in Enid, OK, Bill Kirton studied at Southern Methodist University and became a Methodist minister. He was involved in voter registration near Dallas stadium during the Kennedy years. For 10 years, Bill was the minister at Park Hill Methodist Church. Bill was involved in the creation of Denver Urban Ministries, the Interfaith Alliance, the Rocky Mountain Ownership Center, and Safe Scape Solutions.

2015-2016 Club

Officers

President—Randy Pye
President Elect—Nicolle Davies
Secretary—Mary Alice Jackson
Treasurer—Barbara Medina
Sergeant at Arms—Paul Horiuchi

Directors

Club Administration—Roxy Hahn
Community & Club Innovation—
John Gile
Local & International Service—
John Berry
Technology Innovations—Paul
Fritzler
Membership Growth & Enrich-
ment—Mark Gale
Rotary Foundation—John McCarty

UPCOMING

EVENTS

MAY 20— FOUNDATION BOARD
MEETING AT EMBASSY
SUITES MAY 24—RICK
SCHMIDT, PRES/CEO TIPPING
POINT SOLUTIONS
MAY 26—NEW MEMBER ORI-
ENTATION, JOHN MCCARTY'S
OFFICE, 7—8:30 PM
MAY 31—CLASSIFICATION
TALKS: KENDRA MEEKER, EL-
EANOR KAMKE, ERIC NIELSEN
JUNE 7—RANDY PYE, VISION-
ING
JUNE 14—FLAG DAY, US AR-
MY PRESENTATION ABOUT THE
US FLAG
JUNE 18—CHANGING OF THE
GUARD, BARBARA MEDINA'S
HOME
JULY 5—DARK

The following article I found this past week. It is a very interesting use of the polio virus. Enjoy.

FDA fast-tracks treatment that uses polio virus to fight brain cancer

Published May 13, 2016

[FoxNews.com](#)
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The Food and Drug Administration has given so-called "breakthrough" status to a treatment that uses the once-feared polio virus to target aggressive forms of brain cancer, in the hope of speeding it to market.

The therapy, developed at Duke University, hopes to use the virus' debilitating properties to help fight cancer instead of harming its host, [CBS News reported Thursday](#).

The experimental treatment was the brainchild of molecular biologist Matthias Gromeier. By removing a certain genetic sequence and replacing it with material from the common cold virus, the polio would not be able to cause the incapacitating symptoms that once afflicted President Franklin D. Roosevelt and numerous others because it would be unable to reproduce in normal cells.

However, the altered version of polio could still reproduce in cancer cells—therefore making the cancer susceptible to Lipscomb's and other patients' immune systems.

"All human cancers ... develop a shield of protective measures that make them invisible to this immune system," Gromeier told CBS. "By infecting the tumor, we are actually removing this protective shield and enabling the immune system to attack."

While the altered polio virus initiates the fight against the cancer cells, its ability to alert the immune system to the trouble is what often finishes off the virus, the network reported.

A woman once afflicted with an aggressive form of brain cancer who used the treatment saw her virus all but disappear three years after she became the first volunteer in the study.

As a 20-year-old student in 2011, Stephanie Lipscomb was diagnosed as having a glioblastoma, a type of malignant tumor, in her brain, the network reported.

She had been complaining of headaches prior to the diagnosis. Her doctor told her the tumor had grown to the size of a tennis ball and that she only had a few months to live.

Lipscomb then had 98 percent of the cancerous tumor removed. But by 2012, the cancer had returned.

With no other treatment options available, Lipscomb decided to volunteer for Duke's experiment. For 21 months after Lipscomb began participating, her glioblastoma shrank until it was gone.

In August 2014, three years after her initial diagnosis, an MRI showed no active cancer cells in Lipscomb's body.