

## Weekly Program



Last week **Warren Hartzman** introduced **Greg Marks** as our guest speaker.

Greg has a passion for weather. It started when he was in the Kinnelon area. Kinnelon is about 1000 feet above sea level. Elevation plays a big part in weather. There were a few big storms in the late 1970s and early 1980s. It was also when the Weather Channel came out which had a profound impact on him in terms of forecasting weather.

He did not go into forecasting as a career but he has taken college classes. In 2010 he started writing weekly forecasts for friends and family. In 2012 he forecasted Hurricane Sandy two weeks before it happened. Since then, his write-ups started to grow and he has followers from Rhode Island to Virginia. He is on Twitter and Facebook. The weather community is open to people like Greg, so he has followers like Lee Goldberg (WABC TV), Janice Huff (WNBC TV), Dave Curren (News 12 NJ), Jim Cantore (Weather Channel)... He is also a volunteer for the National Weather Service as a SKYWARN® Storm Spotter. He gathers weather data for forecasting.

Greg has a high end weather station in his house. All of the data from that station gets distributed online. During recent wind gusts, his station measured a 40 mph gust. His 16 year old son is getting involved chasing storms and recording storm fronts rolling in using time lapse with his GoPro.

Why is the weather forecast always wrong? All weather forecasts are driven using one model, the Global Forecast System (GFS) weather forecast model (American model). The model does not forecast the weather. They are created with physics and data that pumps into them and they can be wrong. The forecaster needs to interrupt what the models do. Some models are inherently biased during certain seasons. Some are better closer in. Some are better further out. The European model is a lot more accurate but is also wrong sometimes. During the latest snow storms, the European models tended to forecast the storms further west and the GFS model tended to forecast the storms further east. Also, it is easier to forecast the weather out west in the plains than New Jersey. New Jersey has elevations and the ocean which affect the weather. Weather will do what it wants to do. A 50 mile shift in a storm, which is relatively small, can make the difference between some areas receiving three inches of snow and some areas receiving six inches of snow.

There is also a Japanese model and a Canadian model. There are short term models which have a 6 hour forecast. Greg looks at temperatures in the South East Pacific ocean (La Niña and El Niño) which drives a tremendous amount of change in the North East. He also looks at weather patterns west of us and the jet stream.

## Lotteries



Last week **Jim Colavito** won the 50/50 drawing.

Last week the Members Only raffle was up to \$361. **Dick Kitchell** won \$10.

## Birthday



Last week we sang happy birthday to **Carol Palk**.

## Guests

Last week our guest were:

- **Greg Marks**, Guest Speaker
- **Carol Palk**, Honorary Member

## Program Schedule

April 20 **Jim Colavito**

April 27 Business Meeting

May 3 TBD

May 10 **Ken Lemanowicz**

May 17 **Debbie Lewinson**

**NOTE:** Each member is responsible for engaging a guest speaker on his/her designated day. Should a guest speaker be unavailable, it is requested that the member make his own presentation (on family, business backgrounds, humorous anecdotes, inspirational thoughts, etc.) or ask a fellow Rotarian to speak. We MUST fill a 15-minute time slot each week.

If you are unable to attend the meeting on your designated day, please ask another Rotarian to switch dates with you and kindly advise **Nancy Leone** of the schedule change.

## District and Club Events

**Saturday, April 14, 11:00 am**

Hanover Rotary Club Social Event at the Newark Museum. \$20+ per person. Contact Brian for details.

**Saturday, April 21**

Habitat for Humanity Project.

**Saturday, Apr 21, 7:30 am – 3:30 pm**

Rotary Leadership Institute (RLI) at West Orange High School, Tarnoff Wing. Go to [www.rlinea.org](http://www.rlinea.org) to register.

**Sat, April 21 – Sat, April 28**

Hanover Rotary Cruise. Bermuda / Caribbean. See Bob Weger for details.

**Monday, April 30, 3:00 pm – 8:30 pm**

District Assembly at Bridgewater Marriott. Registration form on the District website.

**Monday, April 30, 7:00 pm**

Board Meeting at the Hanover Township Community Center. All members are welcome.

**Thursday, May 3, 7:30 am**

Interfaith Food Pantry collection

**Thursday, May 24, 8:00 – 8:15 pm**

50/50 District Raffle Drawing at Madison Rotary Club held at Madison YMCA.

**May 26, 2018 – May 31**

District Conference. Cruise to Bermuda.

**Saturday, June 2**

Duck Race at Malapardis Pond.

**June 15, 4:30 pm – June 17, 11:30 am**

RYLA at Drew University. Registration deadline May 31, 2018.

**Thursday, June 21**

Installation Dinner at the Hanover Marriott.

**Saturday, July 21**

Hanover Rotary Picnic at Bob Weger's Lake House.

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	H	Peter Zarras	973.452.4415c	973.998.9462h	Emily	pete@zarrasfamily.com

#### Thank You to Our Corporate Sponsors



Miss a meeting? Make it up at:  
[www.rotaryclubone.org](http://www.rotaryclubone.org) or  
[www.oneworldrotary.org](http://www.oneworldrotary.org).  
Hanover Rotary's Club number is 5564

The District 7470 web site is:  
[www.RotaryDistrict7470.org](http://www.RotaryDistrict7470.org)  
Look for **Rotary District 7470 New Jersey**  
group on **LinkedIn**.

# Hanover Whip

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P.O. Box 141, Whippany, NJ 07981-0141  
[www.HanoverRotaryClub.org](http://www.HanoverRotaryClub.org)



**April 13, 2018**

April is Maternal and Child Health Month  
**2017-2018 Club Officers and Directors**

President	Pete Zarras
President Elect	Lauren Hansch
Vice President	Val Kostenko
Secretary	Ken Lemanowicz
Treasurer	Dick Kitchell
Sergeant-at-Arms	Bob Greenwald
Past President	Fred Meola
Club Service	Brian Romanowsky
Community Service	King, Siino
International Service	Pete Zarras
Vocational Service	James Colavito
Youth Service	Nancy Leone
Gift of Life	Brian Romanowsky
Foundation	Bob Greenwald
Programs	Nancy Leone
Public Relations	Warren Hartzman
Camp Merry Heart	Fred Meola
Interact	Nancy Leone
Membership	Fred Meola
Club Newsletter	Ken Lemanowicz
Interfaith Food Pantry	Marc Lebowitz
Historian	Bob Greenwald
Web	Lauren Hansch
Corporate Sponsors	Romanowsky, Siino
Quiz	Val Kostenko
Dictionary Project	Chris Lisewski
Casino Night	Kostenko, Deckert
Duck Race	Leone/Hartzman
Blood Drive	James Colavito
Cruise	Robert Weger



**ROTARY:  
MAKING A  
DIFFERENCE**

#### The Four-Way Test

Of the things we think, say or do  
Is it the **TRUTH**?  
Is it **FAIR** to all concerned?  
Will it build **GOODWILL** and **BETTER  
FRIENDSHIPS**?  
Will it be **BENEFICIAL** to all concerned?

**EVERY  
ROTARIAN  
EVERY  
YEAR**



Rotary Intl. President: Ian H.S. Riseley  
District 7470 Governor: Peggy Mader  
Asst. District Governor: Marc Lebowitz