

[Having trouble viewing this email? Click here to view it in a web browser.](#)

[Having trouble viewing this email? Click here to view it in a web browser.](#)

## Upcoming Speakers

9/21 - Eric Hickman, City of Paducah - Storm Water and Drainage Engineer, "Paducah Storm Water and Drainage"

9/28 - Jonathan Perkins, City of Paducah - Finance Officer, "Change Happens"

10/5 - Bjarne Hansen, Executive Director, Oscar Cross Boys & Girls Club

## Club Leaders



**Glen Anderson**  
President



**Melanie W. McNeill**  
President-Elect



**Shawn Turner**  
Secretary



**Thomas Scott Taylor**  
Treasurer

### Mardie R. Herndon

Rotary Foundation Chair

### Don Barger

Sergeant-at-Arms



**John A Williams Jr.**  
iPast President

### Denise A Chapman

Club Executive Secretary

## Board of Directors Currently Serving

Barry Smith

Bruce Akin

Clay Howerton

David Hutcheson

Dee Dee Whittaker

Don Barger

Frank Bennett

John Williams, Jr.

Lewis Carr

Maurie McGarvey

Melanie McNeill

Randy Bridges

Scott Taylor

Shawn Turner

Susan Carr

Terry Reeves

## Birthdays

Monique Zuber

September 16

C. Robert Shelton

September 17

Craig Guess



# GearTeeth

The Rotary Club of Paducah

Website: [www.paducahrotary.org](http://www.paducahrotary.org)

Facebook: [www.facebook.com/rotaryclubofpaducah](https://www.facebook.com/rotaryclubofpaducah)

September 14th, 2016 Issue 78, Number 11

*Gear Teeth is published weekly except New Year's, Easter, Quilt Week,*

*4th of July, Labor Day, Thanksgiving and Christmas.*

## Mapping the Area Through G.I.S.

September 14, 2016

**Our Guest: Stephen Chino, GIS Specialist for the City of Paducah.** Formerly, Professional Land Surveyor at Hunter Martin & Associates. Chino was introduced by Rotarian Allan Rhodes.

**Topic: Paducah's Geographic Information Systems (GIS)** and its day-to-day usage by the public, and by the McCracken & Paducah GIS Consortium (MAP-GIS)

### Top Ten Takeaways for Rotarians:

- Paducah has used GIS technology since 1995 when it obtained its first data in computer-aided design (CAD) software. Data was updated in 2001 with data from black & white aerial photographs. All data was updated in 2007, and again in 2013 marking the city's first acquisition of LIDAR-generated data.
- LIDAR is a detection system that works like radar, but uses light from a laser to measure distances. It is capable of measuring the distance between the top of a power line and the ground below.
- Paducah's first GIS Coordinator was hired in 2002. The GIS function was later moved from the Engineering Department to the Information Technology Department.
- Today, the four-member IT/GIS Staff maintains approximately 200 "data layers" of land parcels and address points, with more being added each day. The staff also maintains all GIS computer hardware and software, provides tech support for users, and develops and maintains all web-based mapping services for McCracken County.
- The Paducah GIS Department serves as the administrator of the MAP-GIS Consortium, consisting of: City of Paducah; McCracken County; Joint Sewer Commission; E911; Paducah Power System; and Paducah Water.
- To date, \$1.2 million have been spent on data and equipment. Expenses are split equally by consortium members. The consortium guides the purchases and direction of the system infrastructure.
- GIS maps help maintain parcel lines throughout the county by scanning plots from records on file with the County Clerk, and, by putting accurate lines into the GIS system. It also helps maintain address points, road layers and networks. GIS maps are used to illustrate voting precincts; school districts; zoning districts; emergency service boundaries (e.g. Who is the closest department to the scene of a fire/wreck/emergency); and, flood boundaries. Google Street View is also offered where available.
- Local and non-local property development professionals often use GIS maps in preparing documents when considering building or expanding into the area.
- MAP-GIS recently decided to waive all fees for map data. The department will also print large or small paper maps for a fee.
- More information about the MAP-GIS Consortium is available at [www.map-gis.org](http://www.map-gis.org)

**Next week's guest speaker:** Eric Hickman, City of Paducah Storm Water and Drainage Engineer.

## Announcements

September 14th, 2016

September 18  
**David R. Perry**  
September 18  
**Jessica Toren**  
September 20  
**Terry Reeves**  
September 22  
**Mark Hequembourg**  
September 25  
**Gayle Martin**  
September 27  
**James Dennis Johnston**  
September 29

**\*Editor's note:** This week, Gearteeth debuts a few new revisions. We will continue to provide a record of each week's speaker, plus the weekly announcements. Our goal is to also present the information in a convenient and efficient style, conducive to the busy schedule of club members. Ultimately, the Gearteeth will continue to serve as a consistent conduit of information for all members of the Rotary Club of Paducah.

**Dictionary Project: Rotarian Melanie McNeill** announced that the 2016 Third Grade Dictionary Project is now complete. 832 Dictionaries were distributed to the ten elementary schools throughout Paducah/McCracken County. A total of 10,440 dictionaries have been given to third graders throughout the 12 years of the project. Melanie recognized the many club members who participated in the preparation and distribution of the dictionaries on a job well done!

**Board of Directors:** The September Board meeting is scheduled for Wednesday, September 21 at 5:15 PM, at the McCracken County Public Library.

**Like our Facebook Page:** From **Rotarian Terry Reeves** (club Facebook editor)..the page Like total now stands at Paducah Rotary Playground=823 Likes...Rotary Club of Paducah=37. If you're a Facebook user, please Like our page and encourage others to do the same. We promise not to inundate your newsfeed, but we do hope to make one or two relevant posts a week on club activities, or general Rotary information. As more of us Like (grow) the page, the more exposure our club will receive. Click here for a direct link to the page:[www.facebook.com/rotaryclubofpaducah](http://www.facebook.com/rotaryclubofpaducah)

## Guests

September 14th, 2016

Julie Farmer – guest of Suzanne Farmer;  
Michelle Smolen – guest of Jeff Pederson;  
Heather Pierce and Dan Lazarevic – guests of Brad Clark;  
Paula Smolen – guest of Jim Smolen;  
Maestro Raffaele Ponti – guest of Clay Howerton;  
Michael Ellen Walden & Tyrese Jones – student guests from Paducah Tilghman;  
Allie Farmer, Lilly Coiner & Josh Grogan – student guests from McCracken County;  
Kailey Carper – student guest from Commonwealth Middle College.