

Upcoming Speakers

October 2014

10/15 - Dr. Randy Dunn, President of Southern Illinois University

10/22 - District Governor Visit

10/29 - 4-H Luncheon

November 2014

11/05 - Polio Plus Dessert Auction

Club Leaders

Jamie Futrell

President

John Williams, Jr.

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Phyllis B. Russell

Secretary

Glen Anderson

Vice President

Thomas Scott Taylor

Treasurer

Chris McNeill

iPast President

Melanie McNeill

Membership Chair

Debbie DeWeese

Club Executive Secretary

Birthdays

Barry Smith

October 12

Roger Truitt

October 15

Tammy Potter

October 16

Shawn Turner

October 16

Deborah Simon

October 19

Brenda Alcock

October 19

J. William Howerton

October 22

Laura A Duff

October 23

Arthur P. Feather

October 26

Milton M. Livingston Jr.

October 28

Danny Evitts

November 02

Jamie B. Futrell

November 03

Zachary Hosman

November 04

Julian M Carroll

November 05

Joe A. Powell

November 05

Ronald S. Bacon

November 05

Amanda L. Wood

November 06

Bill Robertson

November 06

Dave Denton

November 08



GearTeeth

The Rotary Club of Paducah

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

Developing Sustainable Energy in Cameroon

October 8th, 2014



Dr. Jeffery Seay, PhD is the associate professor of chemical engineering at the Paducah campus of the University of Kentucky College of Engineering. He also heads up the University of Kentucky Appropriate Technology and Sustainability research team, or UKATS. UKATS is focused on developing renewable energy sources in underdeveloped regions, primarily in sub-Saharan Africa. Through economically, environmentally and socially sustainable methods, UKATS strives to develop energy sources that meet the needs of the present without compromising the efforts of people in the future to meet their needs.

Dr. Seay said that if everyone on the planet consumed the same amount of resources required by a western lifestyle, we would need six Earths to provide it. So, the challenge in bringing underdeveloped, poor and poverty stricken regions the energy they need to prosper requires that the sources be sustainable. Once access to reliable energy is achieved in these areas, the results are transformative and life changing.

Students from Dr. Seay's department recently traveled to the sub-Saharan African country of Cameroon. There they partnered with the African Center for Renewable Energy and Sustainable Technology, or ACREST. ACREST asked the UK team to help them create biofuels, but the request came with a number of constraints. The process could not require electricity, have moving parts, cost over \$100, and would have to run on burning wood. By pooling their many ideas, including using solar cells and non-edible vegetable oils, the research team was able to develop a successful method that met the stringent requirements. See a YouTube video about their trip [HERE](#).

Also, in the first partnership of its kind, the City of Paducah is working through Dr. Seay's group with the village of Lambarene in Gabon, located south of Cameroon. In May of 2014 Paducah Mayor Gayle Kaler accompanied Dr. Seay and undergraduate research student Chandni Joshi [on a trip to Gabon](#). The visit marks the beginning of what Mayor Kaler hopes is a longstanding cultural, economic and educational partnership. Educational supplies are needed in Lambarene so text books, notebooks, pencils, paper will all be collected and distributed to village classrooms that Dr. Seay described as 'bare'. There may be an opportunity for Rotarians to assist in this project when it comes time to fill the shipping container with supplies.

Announcements

October 8th, 2014

October is Vocational Service Month in Rotary.

October 24 is World Polio Day. You can watch Rotary International's livestream event on ending polio at 6:30 CST on October 24th. We will also be hosting a Dessert Auction on November 5th to raise funds for Polio Plus. We will be showing video and discussing these efforts more at that time.

Grant Chair Missy Eckenberg announced that the Paducah Club has been awarded a district grant of \$3000 to provide summer backpacks to second graders in McCracken County and Paducah in our effort to keep reading levels from regressing over summer months.

Guests

October 8th, 2014

Sarah Willett, Chandi Joshi, and Mayor Gayle Kaler – guests of club;

Denise Brazzell, Deena Crouch, Stephanie Mahan and Dr. David Silverstein – guests of Ken Wheeler;

David Riley and Whitney Denson – Rotaract;

Brittany Claxton, Dakota Kellow, and Jimmy Crick – guests of Mike Muscarella.