

Roundabout: September 20, 2022



Next week's speaker will be Dr. **Heleen Haitjema**, whose topic is "How the Western Diet is Holding Your Health Hostage." Heleen is **Henk Haitjema**'s sister. We will meet in the **Frangipani Room** for a change!

Dr Haitjema is a retired pediatrician, educated in the Netherlands (Doctor of Medicine, Cum Laude, Pediatrician, Free University, Amsterdam). Heleen holds a Certificate in Plant-Based Nutrition through eCornell University and has qualified as a Food For Life instructor with the Physicians Committee for Responsible Medicine in Washington, D.C. She conducts community courses in her hometown of Adelaide in this capacity. Heleen has organized, presented at, and attended many Australian, North American, and European plant-based nutrition conferences, symposia, and community events. In 2018, she co-founded Doctors for Nutrition (a not-for-profit health organization based in Adelaide, Australia) and is Chair of its Board of Directors.

THIS WEEK'S NEWS

Volunteers are needed to assist with our meetings for the Second Quarter (October-December) of the Rotary year. Here is the link to sign up for greeter, reflection, and introduction of guests: <https://www.signupgenius.com/go/60B054FABAA2DA6FE3-second>

Our meeting on **Tuesday evening, October 4**, is an **Octoberfest Celebration** at the beautiful Clearview Farm at Beanblossom Bottoms (6680 N. Bottom Road). Hosted by Past President Mike Baker and his wife Bev, we'll gather between 5 and 7 p.m. to relax, socialize, and join friends and loved ones in an inspiring location. [Here's the R.S.V.P. in case you plan to attend >](#)

Geoff McKim announced that the Rotary Foundation has approved our **District Grant project** for two local elementary schools. This grant will involve two days of service in conjunction with Purdue Extension, the Monroe County Community School Corporation, and several local farmers. About 100 third graders from Summit Elementary will spend Tuesday, October 11 at a farm, and another 100 or so third graders from Clear Creek Elementary will spend Tuesday, October 18 at a farm. The students will learn about food and farming through 4 to 5 activities at each farm, and **we need 4 to 6 Rotarians to volunteer** to work with the students. No farm experience is necessary, and the volunteering will run from about 9:30 a.m. to 2 p.m. each day. Please let Geoff know if you can volunteer: geoff.mckim@gmail.com.

The **8th Annual Rotary Toast**, honoring **Dr. Gladys DeVane**, is **Friday, November 4**. Please join us at Ivy Tech's Shreve Hall for a wonderful night to celebrate her extraordinary life. Her book, "Come Sit With Me," is the book being read by the Bloomington Rotary book club for its October meeting. [Here's more Information, with a Registration Link >](#)

The **Indiana University-Bloomington Rotaract Club** is off to a strong start for the 2022-2023 school year. The club has inducted 25 new members this year for a total membership of 30, according to Rotaract President **John Miller**. The club's regular meetings occur at 7 p.m. on Tuesdays in Woodburn Hall 106. Rotaractors have already participated in two service projects this month, volunteering at Hilltop Gardens and Teachers Warehouse (see pictures below).



SEPTEMBER 20 PROGRAM



Connie Shakalis introduced our speaker, **Walker Smith**, who is an Indiana University student double majoring in chemistry and music composition. Walker, a Knoxville, Tennessee native, won the Jacob School of Music 2022 Annual Project Jumpstart Innovation Competition. In middle school, he founded a YouTube channel where he performs and explains chemistry experiments; his channel now has 21,000 subscribers and millions of views. He won a prestigious Goldwater Scholarship last year. Today's presentation, "The Sound of Molecules" - which we will *literally* hear - combines his interests in scientific research, music, and scientific communication.

Walker wants to answer three questions in his talk: Who is Walker Smith? What do molecules sound like? Why this rainbow outfit? What Walker is all about is combining Chemist and Composer. The rainbow outfit is because he will also be presenting Chromatic Chemistry, or the Sound of Light, later in his talk. But first, what do molecules sound like?

Data sonification is representing data sets through sound. There are several applications of data sonification, including accessibility of scientific data sets to people with visual impairments, a supplement to visual representation with auditory representations to help make sense of data sets, especially noisy ones, and public science engagement, which is what The Sound of Molecules is.

The premiere of The Sound of Molecules was in December 2021, when he turned molecular activities into sound. He used nuclear magnetic resonance spectroscopy to help us hear what molecules sound like. His example molecule was Hippolide J. To hear the molecule, he had to slow down the sounds and increase the amplitudes so we could hear them.

Next, he turned to Chromatic Chemistry which he originally presented in April 2022. What does light sound like? Walker converted the visible spectrum of elements into sounds by scaling the frequency of light into the audible range. He used the element helium as his example. The emission spectrum of helium includes seven discrete frequencies of light released when one adds energy. Then he converted these frequencies of light into musical frequencies to create a beautiful chord. In addition, instead of blending all the sound frequencies into a single chord, he played them one note at a time to create a melody. By adding the sounds of other elements in the mix as well as percussion sounds, he arrived at "A Helium Dance Party."

In addition to his performances at the Jacob School of Music, he gave four performances at WonderLab this past weekend, all of which were enthusiastically received by his mostly young audience. He is scheduled to give another performance – open to the public – at the Science Fest on October 22 at the IU Chemistry Building. To get a better feel for Walker’s work, please watch the YouTube recording of his Rotary talk at <https://youtu.be/d4EiiEuyyrA>.

UPDATES

Our September 20 Celebration of Service

President **Alain Barker**’s introductory remarks were about help for Ukraine. As the war in Ukraine continues, Rotary is at work helping the Ukrainian people who have had to flee and those who remain in their country. Rotary has made helping Ukrainians the priority of the **Rotary Disaster Response Fund**, using donations of more than \$15 million to provide people with essential items such as water, food, shelter, medicine, and clothing. Grants are being made to Rotary clubs in Ukraine, Poland, Hungary, Moldova, here in the U.S. and throughout the world to bring relief to Ukrainians. Donations from our club members are among those now at work. We in Rotary can do much together. If you want to contribute, use the following link to donate to Rotary International’s Foundation: <https://my.rotary.org/en/donate>

Member birthdays

- **Tim Thrasher**, September 19
- **Bryan Price**, September 20

Member anniversaries

- **Cindy Neidhart**, 2 years
- **Benjamin Pearson**, 1 year

Steve Moberly introduced our guests in the Georgian Room:

- **Stan Jacobs**, Rotary District 6560 Membership Development Chair, guest of Alain Barker
- **Sara Fulk**, guest of Stan Jacobs
- **Bill Fulk**, guest of Stan Jacobs
- **Andrew Lowry**, guest of Stan Jacobs
- **Sandiya Sajan**, IU Rotaract Vice President
- **Vladan Jovanovic**, guest of Winston Shindell
- **Mary Goetze**, guest of Martha Wailes
- **Sara Cochran**, IU Kelley School of Business, guest of Trent Deckard.

Theresa Claire provided a very moving reflection. Theresa is a relatively new member of our club, and she was comfortable here until a few weeks ago. It is sort of like “Cheers,” where everyone knows your name (or at least an increasing number knows your name). In her previous job in Connecticut, she had co-working space in Stamford’s Old Town Hall, and she knew

everyone, and everyone was glad she was there. Her comfort level with Rotary was shaken with Brandon Smith's presentation on the short session of the Indiana legislature, where the near-total abortion ban was passed. Brandon thought that was a bad thing, and some members seemed to agree with him. But there is another point of view: If you were in an abusive relationship, got pregnant, and were forced by your boyfriend to have an abortion (because abortion was legal), you might not think an abortion ban was a bad idea. The Roe vs. Wade decision hurt her. She thought about leaving Rotary but considered Rotary's four-way test and the idea of building goodwill. Her conclusion was that even though we have different points of view, we can still all be friends and our differences can be recognized and honored.

Member updates

Please keep **Judy Schroeder** in our thoughts as she recovers from having her aortic valve replaced and a pacemaker installed.

Club updates

Tim Jessen reported that he took one member of our adopted Afghan refugee family (a 23-year-old man) with him to see the Indiana University football game last Saturday. He is not sure how much the man understood about American football, but he used an app on his phone to translate words from English to his own language and seemed to enjoy himself. Tim was very pleased that everyone the man met was very welcoming and glad that he was here. The short list of items needed by the Afghan family includes bicycles, a sewing machine, a dresser, and baseball caps.

Happy Dollars!

Happy Dollars were donated to celebrate a 55th high school reunion, surviving COVID-19, and the IU football victory.

President Alain acknowledged those who helped with today's program, including greeter and introducer of guests **Steve Moberly**, **Theresa Claire** who provided the reflection, producer **Tylar Nichols**, and Zoom host **Kyla Cox Deckard**.

Reporter: **Bill Perkins**