

# Rotary



# Club of Wauwatosa

## Welcome to the Rotary Club of Wauwatosa

Rotary is an organization of business and professional leaders united worldwide who provide humanitarian service, encourage high ethical standards in all vocations, and help build goodwill and peace in the world.

Rotary club membership represents a cross-section of the community's business and professional men and women. The world's Rotary clubs meet weekly and are nonpolitical, nonreligious, and open to all cultures, races, and creeds.

Rotary membership provides the opportunity to: Become connected to your community. Work with others in addressing community needs. Interact with other professionals in your community; assist with RI's international humanitarian service efforts. Establish contacts with an international network of professionals. Develop leadership skills. Involve family in promoting service efforts.

## Wauwatosa Rotary Foundation Gourmet Nuts Fundraiser



It is that nutty time of the year! Please consider supporting the Wauwatosa Rotary Foundation by placing an order for delicious gourmet nuts from the A.L. Schutzman Co. These sweet and savory treats are perfect for holiday gifts or any special occasion. Most of all, your participation in this fundraiser supports the service and outreach efforts of our club and Rotary International.

Orders may be placed [online](#) or by [printing and submitting](#) an order form. For questions, please contact [Tom Kirchen](#).

### Club Meeting

Wauwatosa  
Meets at Radisson Hotel Milwaukee West  
2303 N. Mayfair Road  
Wauwatosa, WI 53226  
Time: Wednesday at 12:00 PM

### Events / Speakers

November 2nd  
[Wauwatosa Weekly Club Meeting](#)  
**Speaker:** Pete Holtz and Jenny Hauser  
**Subject:** Tosa Tonight

November 9th  
[Wauwatosa Weekly Club Meeting](#)  
**Speaker:** Vera Westphal  
**Subject:** Deputy Zoo Director,  
Milwaukee County Zoo

November 16th  
[Wauwatosa Weekly Club Meeting](#)

November 23rd  
[Wauwatosa Weekly Club Meeting](#)

### Club Leaders



[Robert Hugh Nelson](#)  
President



[William Carl Makal](#)  
President-Elect  
Sergeant-at-Arms



[Jonathan Lorenzen](#)  
Secretary



[Aaron D. Sebald](#)  
Vice President  
Membership Chair



[Robert P. Niedermann CPA](#)  
Treasurer



[Richard Frenn](#)  
Sergeant-at-Arms

[Richard Todd Mannisto](#)  
Rotary Foundation Chair

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## Serving Our Community



[Peter M. Skanavis](#)  
Sergeant-at-Arms



[Paul Alan Vandeveld](#)  
Club Programs Chair



[Anne Ruttger Neafie](#)  
iPast President

### Years of Service

No Years Of Service Found



## Club History

### The History of the Wauwatosa Rotary Club

Our club was chartered in 1952 and is one of the oldest in the area. We meet every Wednesday noon at the Radisson Hotel Milwaukee West. This is a very good time to join our club as we are striving to reinvent ourselves. You would be able to play an exciting and significant role in defining the club's objectives. We recently went through a very intense strategic planning process and are committed to serving the Wauwatosa community.

On a global level Rotary International is very proud to have virtually eradicated Polio through our Polio Plus program. Through its foundation and large international membership base, Rotary offers a great deal of help to the disadvantaged throughout the world.

Our social committee arranges a number of very nice events throughout the year. Each event presents an opportune time to get to know members and spouses, all of which can be invaluable networking opportunities!

Rotary membership does require a member's dedicated participation in club meetings and functions. You need to know that Rotary is a commitment and we are looking for dedicated members who can be away from work for approximately two hours each Wednesday. In other words, your boss needs to understand your devotion to community service.

Take a look at Rotary International's website at [www.rotary.org](http://www.rotary.org) for much more information.

## Newsletter - October 26, 2022

By Jonathan Lorenzen

Marvels of the Maker Space  
A Syllabus of Subjects From a Meeting of the  
Rotary Club of Wauwatosa

Wednesday, October 26, 2022

The Rotary Club of Wauwatosa was on a field trip to Wisconsin Lutheran College this week. Members gathered in Generac Hall's Treffert Commons for a scrumptious luncheon before buckling down to business. Today's program host – and WLC Vice President of Advancement – Rich Mannisto called the meeting to order with the Pledge of Allegiance. Secretary Lorenzen then offered an ex corde invocation, after which the assembly took their seats.

A number of distinguished guests were among us today, namely:

- Katy Schmutzer, WLC Assistant Registrar – daughter and guest of Rotarian Craig Schmutzer
- Barbara Brown-Fiumefreddo, Director of Sales for the Radisson Hotel-Milwaukee West – colleague, dear friend, and guest of Rotarian Rose Murack



- Dr. Dan Schmeling – former high school principal of Rotarian Rich Mannisto, retired educator and administrator, and current volunteer for WLC’s Center for Christian Leadership
- Brian Davison, WLC Major Gifts Officer and West Bend Rotarian – guest of Rotarian Rich Mannisto
- Dr. Jarrod Erbe, WLC Dean of the College of Arts and Sciences and Professor of Biology – guest of Rotarian Rich Mannisto
- Prof. Jess Brewster, WLC Assistant Professor of Computer Science – one of today’s program speakers
- Dr. Jeffrey Brown, WLC Assistant Professor of Computer Science – one of today’s program speakers

After the introductions of our illustrious guests, Rich turned the meeting over to President Bob Nelson. Nelson announced that Anne Neafie celebrated a birthday on October 24 – happy birthday, Anne! We also recognized two wedding anniversaries, that of Robert and Mary Niedermann who will celebrate 15 years on October 27 and that of Robert and Kathleen Roller who will celebrate 42 years on November 1. Congratulations to both happy couples! Richard Frenn was likewise acknowledged for his 21 year Rotary anniversary which occurred on October 19. Congratulations, Richard!

Among happy and sad news, the following reports were offered for our consideration:

- Jonathan Lorenzen reported that Treasurer Niedermann was out with COVID after having picked up the virus while on vacation in Branson, MO. He is doing OK and expects to be back next week.
- Rich Mannisto read a touching note from Pat Meylor announcing that he would be moving to Idaho, and thus would no longer be able to maintain his membership in the Rotary Club of Wauwatosa. Pat, you will be greatly missed, and we thank you for your friendship, your wit, your fascinating storytelling abilities, and your years of dedicated service to Rotary. Please come and visit when you can.
- Rich also announced that a Foundation meeting had taken place, and that various requests for benevolences had been approved while others were declined. Additional details will be shared in the future.

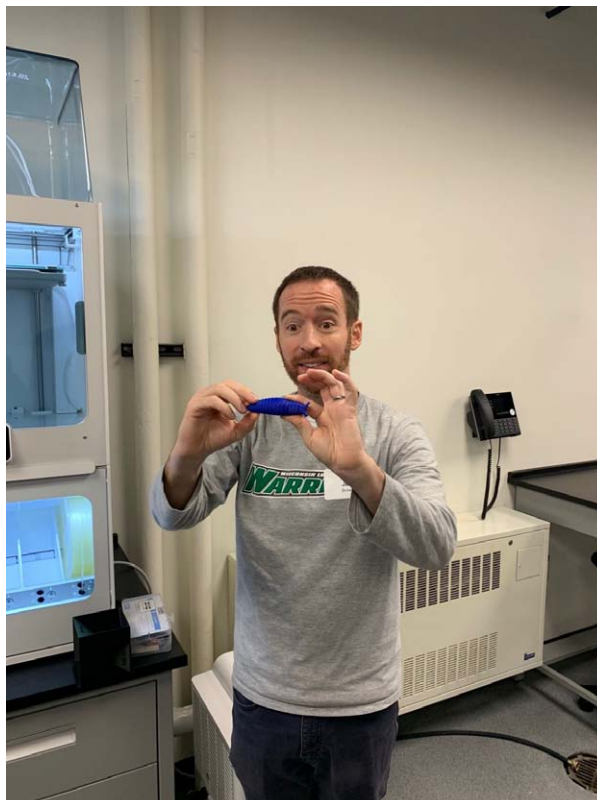
With no additional sad or happy news to discuss, Rich Mannisto introduced our program presenters. Computer science professors Jess Brewster and Dr. Jeffrey Brown began serving at Wisconsin Lutheran College within the last five years, taking the reins from Dr. Dave Schulz upon his retirement. Creating a “maker space” at WLC had been a shared vision for the duo for some time. A maker space provides a dedicated area for people with a shared interest to collaborate, create, work, build, and brainstorm.

The brand-new maker space in Generac Hall occupies what once was a storage room (although one would likely never know after its dramatic transformation). The bright, spacious, and well-equipped room will be used by computer science students for projects, instruction, collaboration, and ideation.

Two hallmark features of the maker space are the towering 3D printers and the memorizing laser engraver. Dr. Brown explained that the 3D printers work by layering a “sticky” plastic from the bottom up. The robotic nozzle head moves back and forth as it builds up the object being constructed. Designs and specifications are entered into a computer program that controls the 3D printers. Brown demonstrated several objects that had been made on the equipment.

He explained that objects can even be made to have hinges and moving parts. 3D printers are often used for modeling and prototypes, as the construction process is costly and slow. “Each layer of plastic is 50 microns, which means the final product will consist of thousands of these layers.”

3D models must be designed with internal structure and support – just like conventionally-made objects – so that they don’t collapse. While WLC’s 3D printers utilize a plastic called PLA, other machines can print with metal, carbon dust, and cement for larger-scale projects.



Meanwhile, Prof. Jess Brewster demonstrated WLC's 60W laser engraver. The machine can engrave wood, stone, cork, leather, and even metal. The engraver's computer software uses a drawing or digital photograph to replicate the design on the object being engraved. Brewster showed us how the laser first burns the design into the wood with delicate precision, then kicks into high gear as it cuts out the shape being created.



Inside the engraver, objects are placed on to a honeycomb-like surface which prevents unnecessary wear on the laser when the cutting process begins. Cylindrical objects like coffee mugs can also be engraved through the use of a rotary tool that is inserted into the machine. Brewster selected this particular laser engraver partially because of its robust safety features. If the engraver's door is opened while engaged, it will immediately shut down, preventing potential injury from the laser.

Prof. Brewster said that the laser engraver and 3D printers help students problem solve by bringing a literal third dimension into the equation. While the maker space will be utilized by computer science students at first, she sees cross-disciplinary collaboration on the horizon, particularly with chemistry majors.

In addition to learning about the 3D printers and the laser engraver, Dr. Brown gave us a demonstration of a nifty remote controlled robotic vehicle – one of several small robots in the room. Our gracious WLC hosts gave each Rotarian (and their guests) two amazing keepsake souvenirs that had been made on the laser engraver: a coaster depicting the front façade of the Gary J. Greenfield Administration building, and a wooden ornament with WLC's iconic bell tower. Many thanks to Rich Mannisto, Prof. Brewster, Dr. Brown, and Wisconsin Lutheran College for this most excellent "field trip" meeting of the Rotary Club of Wauwatosa!

Respectfully Submitted,

Bursar of the Bulletin and Dean of Dissertations  
Jonathan Lorenzen

### Upcoming Commitments

#### Program

**November 2:** Pete Holtz and Jenny Hauser from Tosa Tonight

**November 9:** Rose Murack will present Vera Westphal, Deputy Zoo Director of the Milwaukee County Zoo

**November 16:** TBD

**November 23:** Bob Nelson

#### Invoker/Greeter

**November 2:** TBD

**November 9:** Richard Frenn

**November 16:** Anne Neafie

**November 23:** Robert Niedermann



