



## ROTARY CLUB OF FONTHILL

### WEEKLY MEETING AGENDA Wednesday, April 26<sup>th</sup>, 2023 Hybrid Meeting

Dave Schulz, Bob Eamer, Hugh Graham, Paul Snack, Troy Killick, Annie Holtby, Mike Taylor, Frank Adamson, Paula Racher, Mel Groom, Collins Acheampong, Lance Wiebe, Gail Levay, Ann Harrison, Dr. Tim Nohara.

1. **Welcome** to our speaker today, Dr. Tim Nohara, and good to see Collins again.

2. **Land Acknowledgement. Frank**

*We begin this gathering by acknowledging the land on which we gather is the traditional territory of the Haudenosaunee and Anishinaabe peoples, many of whom continue to live and work here today. This territory is covered by the Upper Canada Treaties and is within the land protected by the Dish with One Spoon Wampum agreement. Today this gathering place is home to many First Nations, Metis and Inuit people and acknowledging reminds us that our great standard of living is directly related to the resources and friendship of Indigenous people.*

**O Canada** was led by **Troy**.

3. **Toast: Mike**

To the King and Canada, To the Office of the President of United States, and To the President of Rotary International, our very own Jennifer Jones!

4. **4-WAY TEST: Mike**

Of the things we think, say or do  
Is it the truth?  
Is it fair to all concerned?  
Will it be beneficial to all concerned?

5. **Invocation: Annie**

With our friends beside us and no person beneath us,  
With the bonds of Rotary between us, and our worries behind us,  
With our goals before us, and no task beyond us,  
With a thirst for knowledge, and a Dream of a Polio free world,  
We are thankful for our Rotary Friends.

6. **President's Report, Correspondence and Announcements. Troy**

**Ann.** Rules for making an e transfer. Make them out to [accounts@rotaryclub.ca](mailto:accounts@rotaryclub.ca). I'll send out a notice.

**Paul. Good news re Farm Fest Sponsorships.** We're up to \$8000. Our original budget line was for \$7000. We still need to have more activities, displays, exhibitors. **Paula.** Have we ruled out selling stuff? **Mike** Chechak has asked if selling is OK via exhibitors. **Paul.** OK. We want to make sure we're not competing with White Meadows. **Hugh.** Did you ask at the Library? **Lance.** I'm working on it. 4 companies 'I' deal with.

**Mike.** I spoke with Michele from the Scientists in School about the \$1500 grant and she is very happy about the donation. **Youth Exchange 16 year old** Japanese student Satoka Hayashi will be staying with Mike and Nancie the first three months. Ideally, we would like 4 families.

**Mel** reached out about Tim's **Smile Cookies**. There are still some slots. Get in touch with Mel. Breakfast at Domenic's on the third of May is a go; **Ann** is calling in re the 31<sup>st</sup> to confirm that day as well.

### **Lance: Introduction of Speaker Dr. Tim Nohara, Accipiter Radar.**

**Dr. Tim Nohara** is an international radar expert. He started 25 years ago in safety and security developments. Please welcome Tim. **Presentation:** It's good to be back! We're involved with Environmental Protection, Windmills, Search and Rescue, Drones in the Air – the latter has both pluses and drawbacks – like the internet. We're involved with everything involving the environment. Weather patterns including ice and surface features on radar waves. That includes the Seaway – that economic engine of trade on water and the borders as well as traffic patterns. There are no boundaries in the air away from airports. We are a 'decision support' company. We depend on the business sector. We collect information, understand it and deliver tools to business.

**History.** I'm a Niagara boy. I left for university and in 94 had a business in Waterloo. My 3 year old didn't want to return from visit to Niagara. From 1995-2007, the business was at the top of Churchill Street. We then bought and built where we are today, across from Pen Lakes Golf Course, We offer a lot of interesting work to do!

**Paul.** Who are your clients? **Tim.** Government, OPG, Hydro – we support them. WE shunt water up to Queenston/Lewiston – we fill up the reservoir from Niagara Falls. In summer, we're out in the kayak – there's a human safety issue. It uses radar to keep an eye on things. For example, the Jet-Ski Operators can get a message if there's a problem or a message being sent out. Regulations mitigate problems. We sell to OPG - we are very interested especially the ice flow from upper lakes to Lake Erie to Lake Ontario. The ice will impact power efficiency generation. We now track ice for them and automating AI to stop ice from coming in. We can give them 8 hours of advanced notice. **Dave.** What about security? **Tim.**

We're working with TB Company and looking to providing help for them across Canada. The Canadian government is NOT interested in security. We're trying to use other means. We do more security work with the US. Canada is more interested in safety. We deal everyday with cross border things. Buy local.

**Troy.** Big topic of the year is AI. **Tim.** AI is old. We use radar as a camera. Radar sees everything if you set it up and sort it out. It's squawking data all the time. Radar is a firehose analogy. It's mining data in real time, AI helps mine that data – it's part of cognitive processing change. We hear about AI In the social realm. Tim uses it to scan to Facebook photos. The camera can identify what they are seeing on the radar.

**Drone Delivery.** The issue is for work. The bigger issue is that it's an air craft. We have good aviation regulations. Regulators are looking to allow drones safely work. It's big business for Accipiter. How do you deliver safely? Regulations will make drones identify themselves. In a hurricane for example, drones

can go in and inspect what the situation is. Infrastructure for inspecting via drones would save money because you'd see where work is needed. There's US work here.

**Bob.** How many employees? **Tim.** Fifty (50)! There is NOT a talent shortage. The supply chain IS the people. There's a lot of confusion in the Labour Force. We're a couple of years ahead. Before Covid, we had to get people to relocate. Housing crisis made it hard for our kids to leave. We now reach out to them in high school. We have lots of wonderful work to do.

**Tim.** My background - I'm an entrepreneur with a Lebanese background. I couldn't decide between Art and Engineering but ultimately chose Engineering and ended up in defense energy. When the wall came down in 90-91, we were in a defense depression so like a financial crisis. I ended up in defense/radar by accident. By 2000 we had a clear idea where we were going.

Radio Operator does use radar but uses acoustic signals. We're talking about needing to see and hear everything. Radio uses detection and ranging. At low frequency, 30 megahertz, OTH might get out 3000 over the horizon, over the waves, 1000 km. It can see big ships. It's a tiny part of the business.

Accipiter means a family of hawks. Cooper's Hawk is small and powerful. (Like Accipiter)

Here's the link to the video Tim showed <https://youtu.be/79uoN9VF-00>

**Troy.** Many thanks, Tim. A lot is happening at high levels and you brought it down to *our* level for understanding. In appreciation for your presence and presentation, our club makes a donation in your name to our local library – Lincoln Pelham Public Library.

## 7. Rotary Moment and Happy Loonies. Lance.

**Paula.** Just happy.

**Ann.** Happy to be here. Thanks, Tim. Happy to have been with our daughter out west.

**Collins.** Happy to be here. Fascinating presentation!

**Frank.** Thanks, Tim. Always great to hear what you're up to. 30 trees were planted last weekend. We're putting in a grant to do more planting.

**Paul.** I'm surprised that the water over the falls is for show!

**Mike.** I'm so happy about our incoming Youth Exchange student!

**Mel.** I was working in the Chamber of Commerce office when Tim came back to Niagara and started his business!

**Dave.** Happy to be with all these people here. I learned something new too!

**Gail.** Thanks, Tim. What's next?

**Hugh.** This is the third time that Tim has spoken to us. I learn something new every time

**Bob.** Thanks, Tim. I'm interested in the diversity of what you do, I met one of your staff, Sarah, who is an animal behaviourist. I have to understand. **Tim.** The birds – the wind turbines – we have to cover everything.

**Annie.** Thanks Tim. Always learn something new from you. Wanted to apologise for last week saying I was wishing you were all here in Mexico. Forgetting we'd just had a 5.6 Earthquake! You wouldn't have wanted to be here! Just the noise from the earth was 'unearthly!'

**Bev.** Glad to be here!

**Lance.** Thanks again, Tim. My blood pressure has come down.

**Troy.** Had my first scuba dive this year at the Welland Scuba Park! Thanks to those who participated in the Watershed Clean-up: Dave and Tina, Troy's family, Lance on Rice Rd, Hugh at Pelham Corner Park as well as helping the Welland Club.

**Next Meetings/Events:**

**May 3<sup>rd</sup>, Breakfast at Dominic's**

**May 10<sup>th</sup>, Guest Speakers, Hilary Kellam, Volunteer Enrollment Coordinator,  
Christina Lajeunesse, Community and Engagement Coordinator, [Big Brothers Big Sisters of Niagara](#)**