

# STEAM UW–Stevens Point POINT Day

SCIENCE • TECHNOLOGY • ENGINEERING • ARTS • MATHEMATICS

**Friday, May 2, 2025 at UW-SP Treehaven Campus**

**Workshops: A: 10-11 a.m. | B: 11 a.m.-12 p.m. | C: 1-1:50 p.m.**

## Workshop Description:

**DIY Harmonica Jam:** Make Music & Explore Sound: In this hands-on STEAM workshop, get ready to make music and discover the science behind it! Using simple materials like straws, popsicle sticks, and rubber bands, you'll craft your very own harmonica. Then, we'll dive into how sound waves work and what makes pitches go higher or lower. By the end of the session, you'll not only have a cool new instrument to take home but also a new understanding of how science shapes the sounds we hear every day! Presented by: Mara Prausa

**Electrify the World with Solar PV!:** Learn how a solar panel works by becoming an electron in a life-size panel. Install a solar panel and measure its electrical generation. Wire various electrical gadgets to your panel to see how you can use the sun's energy to generate electricity. Presented by: Wendy Stelzer, Youth & Community Engagement Specialist & Heather Phelps, Resource Specialist

**Greatest Hits: Art Music through Time:** Listen to some of the greatest music of all time. We will explore art music from different eras. Learn about chant, opera, blues, lieder, and chamber music. Presented by: Anna Cromwell, Associate Professor of Music

**Measuring Biodiversity:** Biodiversity is one of the most important concepts in ecology and environmental studies. But what does it mean, and how do we measure it? In this session, you will learn what biodiversity is and why it is so important. You will also practice two ways in which we can measure biodiversity of plants at Treehaven, even if you can't identify them! Presented by: Laura Lee, Associate Professor of Biology

**The Ice Age Trail - 1200 Miles of Wisconsin Adventure:** The Ice Age Trail is more than a path through the woods. Each year over 2.3 million people use the IAT to hike, backpack, snowshoe, and cross-country ski along the last glacier's terminal moraine. Discover Wisconsin's National Scenic Trail through exploration and hands-on activities. Learn fun facts about the IAT, make trail mix to eat, and blaze trails for others in this workshop. Presented by: Anne Rogalski, Continuing Education Director

**The Science of Casting a Fly-Fishing Rod:** We talk about the unique differences between a conventional fishing pole and a fly-fishing rod. This is hands on experience that demonstrates and then allows each student the opportunity to cast a fly rod. We make the connection on how the movement; hand placement and motion of your arm works with physics in science. Presented by: Craig Cook and Kyle Osowski and Ted Conachen

**What's for Dinner:** This workshop will explore the diversity of mammalian teeth to show how form follows function. We will look at specializations in mammals that eat plants, meat eating, and ant eating. Presented by: Chris Yahnke, Professor of Wildlife

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