



# 2024 Annual Report

## The Pedal with Pete Foundation

**TODAYS**

**SCHEDULE OF EVENTS**

- Ride Start Times - 7:00 to 10:00 AM
- Fun Walk - 9:30 - 10:30 AM
- 5K's Fest - 10:00 - Noon
- Balloon Artist & Juggler - 10:00 - 1:00 PM
- Parade - 10:30 - 11:00 AM
- Games for Kids - 11:00 - 11:30 AM
- Food Availability at Marysville HS - 11:00 - 3:00 PM
- Mechanicsburg Food Stop - 8:30 - 2:00 PM
- Hilford Center Food Stop - 8:00 - 4:00 PM
- End of Event @ HS - 4:00 PM

Mechanicsburg Stop will be open until 3PM

**Need Assistance?**

**Your SAG (Support and Gear) help line is on your Map!**

**Drink at LEAST One Bottle of Water per Hour!**

**This Event ends at 4:00pm. Please plan your ride accordingly!**

**ALL Routes are Marked with YELLOW ARROWS! Left < Right > Straight < Painted on the Road < Called on the Bike Path**

**Yellow Arrows Painted at EVERY Intersection**

**Fun Walk**

The Pedal with Pete Foundation  
 P.O. Box 13543  
 Columbus, OH 43213  
[information@pedalwithpete.org](mailto:information@pedalwithpete.org)  
[614-398-0538](tel:614-398-0538)

## Table of Contents

<b>Summary</b> .....	3
<b>Introduction</b> .....	3
<b>Ride Events</b> .....	4
<b>Columbus Ride Event:</b> .....	4
<b>Emmetsburg Event</b> .....	5
<b>Research Program</b> .....	6
<b>Other Activities</b> .....	8
<b>Board of Directors</b> .....	8
<b>Financial Information</b> .....	9

## Summary

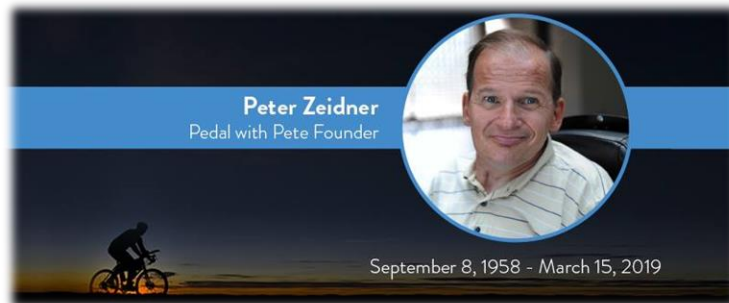
The Pedal with Pete Foundation executed successful ride events in Columbus, Ohio and Emmetsburg, Iowa. We used the funds that were raised to support two research grants, through our cooperation with the [American Academy for Cerebral Palsy and Developmental Medicine](#). We also provided specially adapted bicycles for three children with Cerebral Palsy, through our cooperation with the [Adaptive Sports Connection](#).

We are able to continue this work through the support we receive from our many dedicated donors, riders, sponsors and volunteers, many of whom have contributed for more than ten years. We completed the year with a full complement of members on our Board of Directors, including a new president.

## Introduction

The Pedal with Pete Foundation is a not-for-profit 501 c (3) organization with a mission to raise funds for research leading to better prevention strategies and treatment protocols to improve the quality of life of people who live with cerebral palsy, their families and caregivers. All of the work of the Foundation is carried out by volunteers, enabling over 80% of all funds raised to be directed towards the Foundation's research program. Each year the Foundation sponsors two cycling events in the Midwest to raise funds for its research program.

The Pedal with Pete Foundation was founded in Kent, OH in 1993 by Pete Zeidner. Although he had a serious case of cerebral palsy, he rode a recumbent bicycle with joy and purpose. He combined his love of cycling, his first-hand knowledge of cerebral palsy, and his marketing knowledge to conceive of a way to raise funds for cerebral palsy research. The Foundation moved from Kent to Columbus in 2010. The cumulative amount of money raised



by the Foundation passed the million dollar level in 2015, and continues to grow.

The Foundation has been a consistent funding source of critical seed grants for cerebral palsy research. This reputation is the result of the hard work and support of the loyal volunteers, donors, and ride participants that make up the Pedal with Pete family.

## Ride Events



For over twenty-five years the Pedal with Pete Foundation has sponsored annual cycling- oriented events to raise funds to support our program of research grants to medical researchers seeking a cure or treatment for cerebral palsy.

### **Columbus Ride Event:**

The event team chose the [Marysville Early College High School](#) parking lot for this year's event, with rest stops in Milford Center and Mechanicsburg. In addition to the ride, the day's activities included a Kid's Fest sponsored by [Nationwide Children's Hospital](#) staff, and the presentation of specially adapted bicycles to three children with cerebral palsy, in cooperation with the [Adaptive Sports Connection](#). After the ride, participants enjoyed subs, pizza, chips, and root beer floats. Riders chose among 6 routes of distances from 12 to 101 miles. Riding from Marysville Early College High School put our riders in the very scenic farmland of Central Ohio safely and quickly. The event, held on Saturday, July 27th, had 373 riders, and raised \$32,968. The event was made possible through the hard work of over 30 volunteers, led by the following team:

#### **Roger Schenck, Columbus Event Team Leader**

- Joe Florian, Cartographer Leader
- Dana Gehman, Marysville Coordinator
- Pam Grimes, Food Leader
- Fred Rogers, Route Marking Leader
- Dawn Schenck, Photographer
- Dustin Stout, Volunteer Leader
- Ben Wibberley, Site Leader
- Chris Zeidner, Volunteer Leader
- Jocelyn Zeidner, Graphic Design

The 373 registrants hailed from a number of different cities and states:



**Emmetsburg Event**

The event was held on September 18<sup>th</sup> and raised \$705.

**Julie Naig, Emmetsburg Event Team Leader**

## Research Program

Each spring the Foundation receives a number of research proposals from the American Academy of Cerebral Palsy and Developmental Medicine (AACPDMD). These proposals are reviewed by the Foundation's Cerebral Palsy Research Team, who make a recommendation to the Foundation's Board of Directors of which projects to fund. The final decision about which projects to fund is made by the Board in June or July. Each of the projects are funded at a level between \$20,000 and \$30,000. Most of these research projects are seed research projects which typically lead to follow-up projects for further research. Such funding is a scarce yet critical part of the overall research process.

During 2024 the Foundation funded two research grants:



***Beyond Gait: AI Powered Cluster Analysis for Comprehensive Classification of Cerebral Palsy.***  
Christopher M. Modlesky, PhD, University of Georgia, Principal Investigator.

Walking can be difficult for children with CP because it requires interaction with the central nervous system to ensure skilled and coordinated movement. 70% of children with CP eventually walk, but walking requires higher energy expenditure and the ability to walk deteriorates with age. Children with CP are classified into 5 categories using the Gross Motor Function Classification System (GMFCS) based on their abilities, limitations and need for walking aids or wheeled mobility.

**Problem grant is trying to solve:** Using Artificial Intelligence the researchers will try to classify the children with CP into categories within their assigned GMFCS. They want to find associations between different gaits and range of motion to identify variables that could be used for subgroups. Goal is to subset GMFCS and allow more easily tailored interventions.

**How they want to solve it:** They want to use gait analysis, muscle ultrasound, muscle activity, physical activity, muscle size composition, muscle stiffness, electromyography. The researchers plan to use AI to analyze data from a previous larger clinical trial to find correlations that would allow subsetting children with CP into groups within the GMFCS that would allow new or improved tailored therapies.



*Mapping Brain Plasticity in Response to Robotic Rehabilitation for Children with Unilateral Cerebral Palsy.* Sandra Shahdadian, PhD, Cook Children's Healthcare System, University of Texas Principal Investigator

30% of children with CP suffer from unilateral CP, which disrupts bimanual coordination. Existing rehabilitation is labor intensive and challenging to perform therefore limiting adherence and long-term participation.

**Problem grant is trying to solve:** Existing neurorehabilitation using a robotic hand has resulted in variable results. Recent gains with imaging and robotic hands will be applied to this research. Goal is to understand neuroplasticity (growing neurons or making them do something different) and relationship to sensory and motor function to allow better stratification of patients and better interventions.

**How they want to solve it:** Use a robotic hand and vibration to play a video game while brain activity is measured using EEG. Intent is to stimulate the motor response while also triggering neurons to potentially grow or remap.

## Other Activities



In cooperation with the [Adaptive Sports Connection](#), The Pedal with Pete Foundation awarded three customized bicycles to Ohio children with cerebral palsy.

## Board of Directors

The 2024 Board of Directors of the Pedal with Pete Foundation were:

Nick Farmer, President  
Sabine Kuhn, Vice President  
Jamie Quisling, Secretary  
Peter Dague, Treasurer  
Jesus Benavente, Director  
Uche Chilaka, Director  
Sha Clark, Director  
Heather Darling, Director  
Angie Gallis, Director  
Melinda Hill, Director  
Lauri Kaplan, Director  
Roger Schenck, Director  
Paul Stock, Director



## Financial Information

The key financial metrics for the Pedal with Pete Foundation for 2024 were:

### Statement of Income and Expense

Description	2024
Individual, Business Contributions	\$34,388
Special Events Income	\$33,608
Total Income	\$67,996
Facility Rental	\$821
T Shirts	\$777
Food and Beverages	\$1,469
Miscellaneous Supplies	\$50
Entertainment	\$322
Sanitation	\$1,147
Storage Rental	\$1,044
Event Liability Insurance	\$1,038
Registration Service	\$1,546
Subtotal - Special Event Expenses	\$8,213
Liability Insurance	\$978
Software Fees	\$4,869
Mailbox Rental	\$222
Bank and Credit Card Fees	\$2,234
Bicycle Donations	\$9,240
Research Grants	\$60,000
Subtotal Operational Expenses	\$77,544
Total Expense	\$85,757
Net Income	-\$17,761

### Balance Sheet

Description	2024
Assets	\$7,438
Liabilities	\$0
Net	\$7,438