



# Mapping Resources for the Parkinson's Disease Community

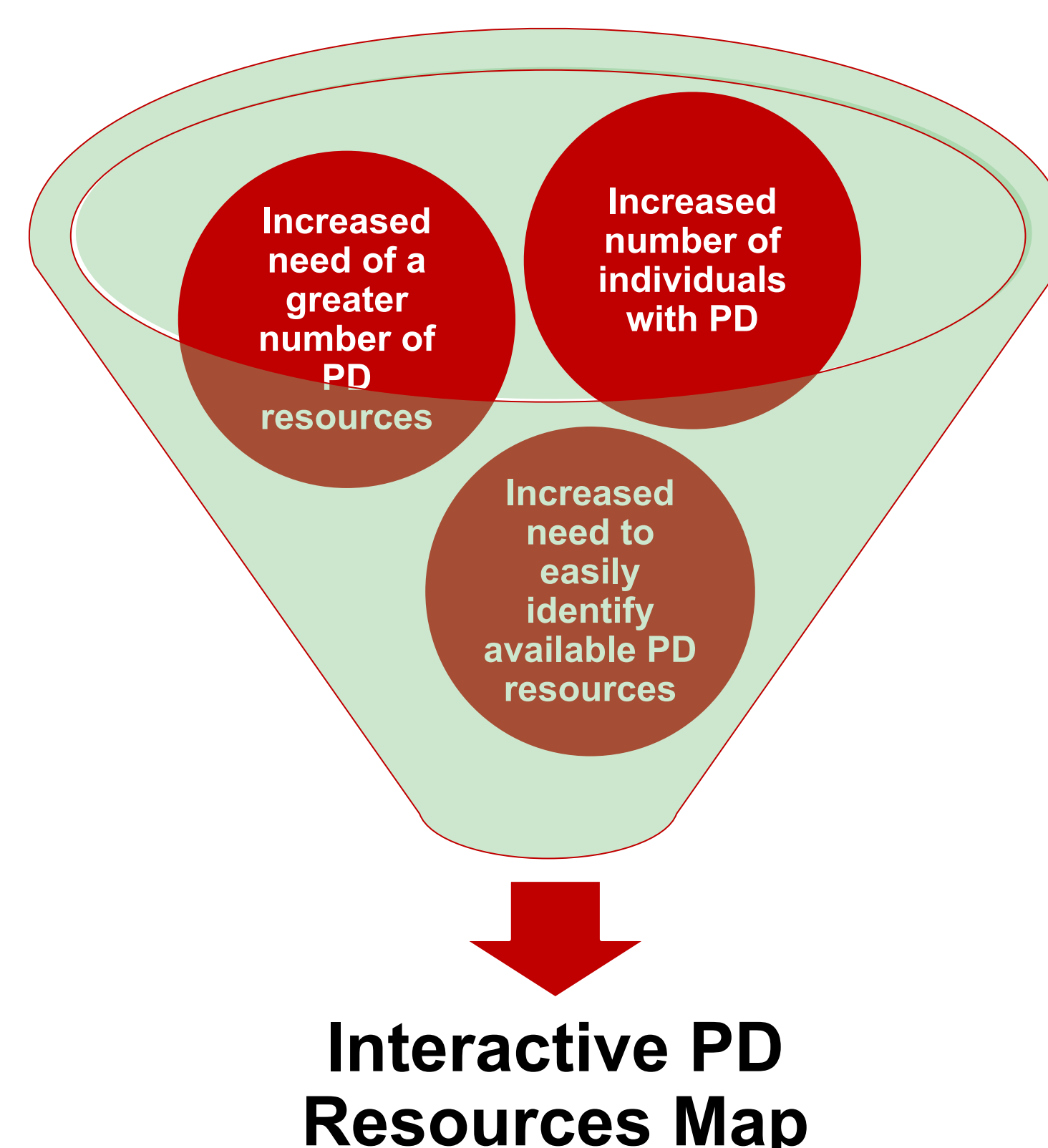
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## Introduction

- Parkinson's Disease (PD) is a progressive neurological disorder that is due to a loss of cells that rely on the neurotransmitter dopamine.
- A number of motor, cognitive and psychological symptoms are associated with PD, including tremor, difficulty walking, cognitive impairment and depression.
- Currently, 1 million Americans (35,000 in MI) are estimated to have PD. However, this number is expected to double by 2030. [1, 2, 3]
- Patients with PD require a range of services aimed at improving motor, cognitive or psychological functionality including clinical care, support groups and PD-focused exercise programs.
- Discovering these resources is difficult, as resources can be scattered across multiple websites or print materials, which might not be updated regularly.
- We aimed to consolidate these resources into an easy-to-use map that would enable patients with PD or their caretakers to identify relevant resources in their area.

## Resource Need

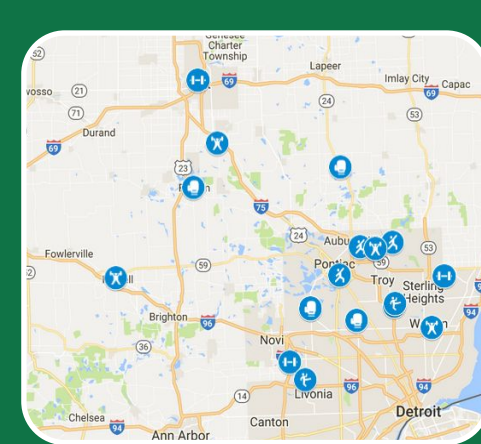


## Approach

Categorized PD Resources into 3 groups

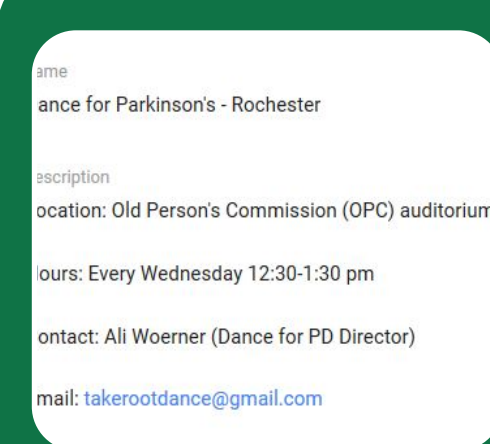
Clinical Care	Support Groups	PD-focused Exercise Programs
<ul style="list-style-type: none"><li>• Movement disorder specialists</li><li>• Speech Therapists</li><li>• Physical Therapists</li><li>• Occupational Therapists</li></ul>	<ul style="list-style-type: none"><li>• General Groups</li><li>• Young Onset Groups</li><li>• Caretaker Groups</li></ul>	<ul style="list-style-type: none"><li>• PWR!</li><li>• Rock Steady Boxing</li><li>• Dance for Parkinson's</li><li>• Martial Arts</li></ul>

Developed map which includes all identified PD resources in Michigan



Built using Google Maps™

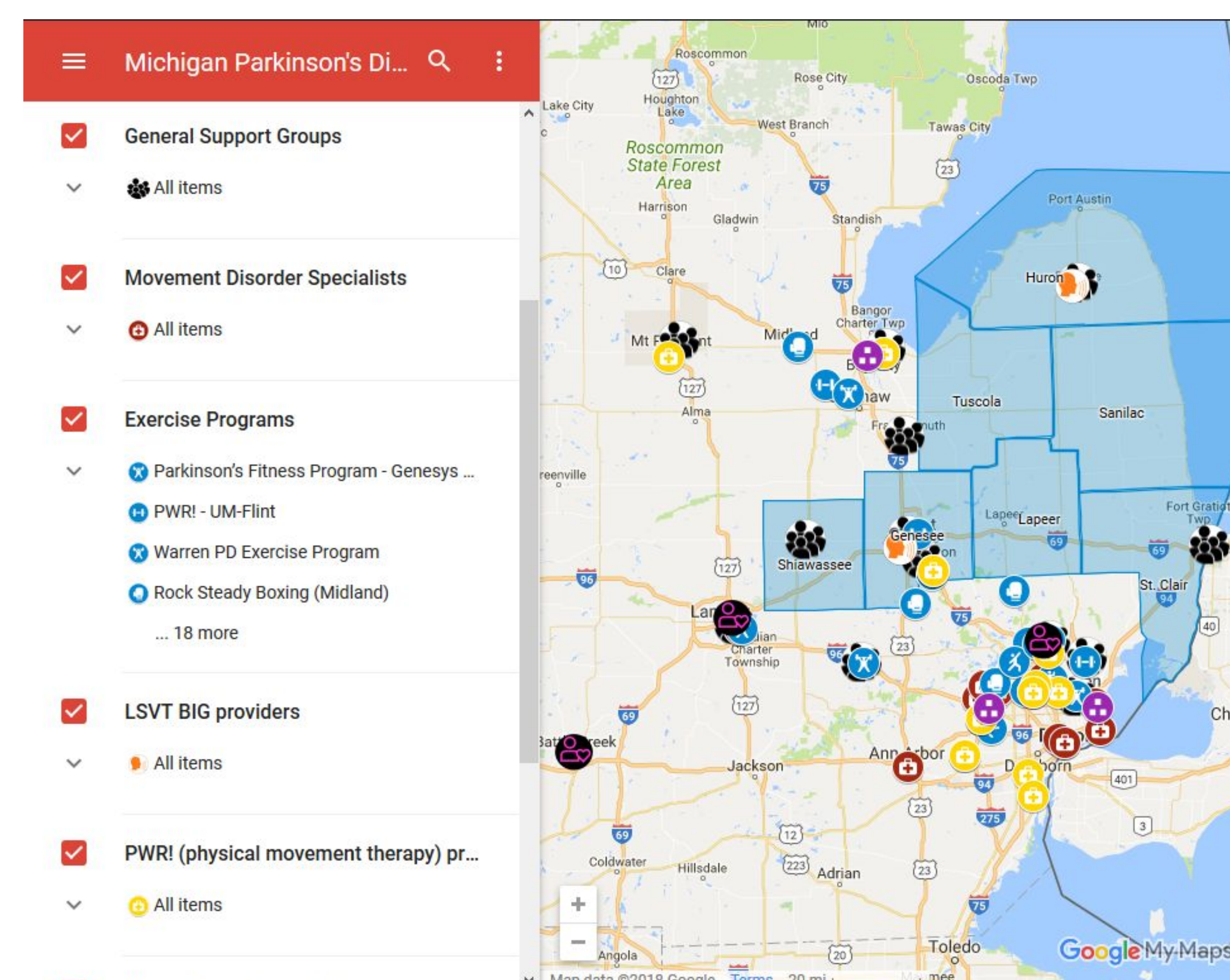
- Dynamic
- Interactive
- Easy to Use
- Mapping Function



Detailed Information for Each Location

- Location
- Contact Information
- Dates/Times
- Email/Website

## Outcomes



## Current and Future Directions

- January 2020 was our last map update
- We are currently updating the map to reflect changes post-lockdown
- Additionally, we are trying to identify new resources that have been developed since our last update
- Our goal is that this resource will help to: 1) help individuals with PD and caregivers located nearby resources and 2) foster collaboration between individuals with PD, caregivers, clinical care providers and researchers within the region and state

## References

1. Michigan Parkinson Foundation [Internet]. [cited 2013 Jan 17]; Available from: [www.parkinsonsmi.org](http://www.parkinsonsmi.org).
2. Statistics on Parkinson's. [cited 2013 Jan 17]; Available from: [www.pdf.org/en/parkinson\\_statistics](http://www.pdf.org/en/parkinson_statistics).
3. Dorsey, E.R., et al., Projected number of people with Parkinson disease in the most populous nations, 2005 through 2030. *Neurology*, 2007. 68(5): p. 384-6.

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