



# THE MICHAEL J. FOX FOUNDATION RESEARCH UPDATE

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**May 2023**

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# WHAT WE'LL DISCUSS



Get to know MJFF – Our Mission and Model



Parkinson's Research

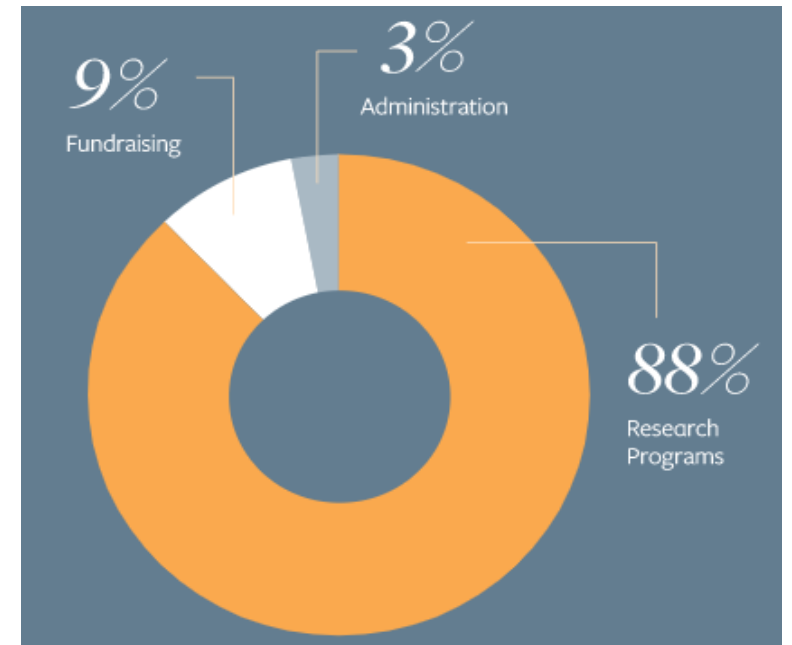


Ways to Get Involved

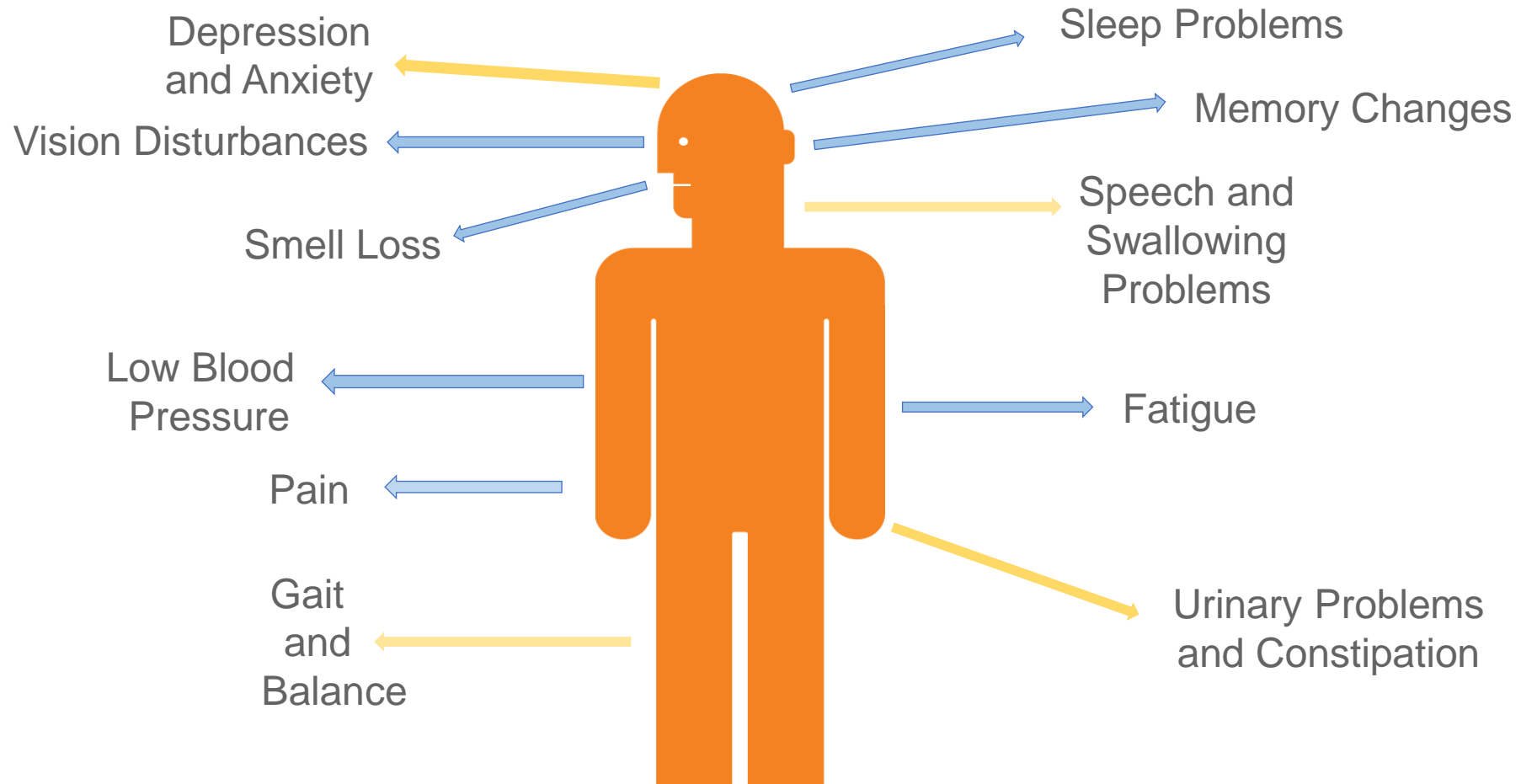


# OUR MISSION

The Michael J. Fox Foundation exists for one reason: to find a cure and better treatments for Parkinson's Disease



# PARKINSON'S SIGNS & SYMPTOMS



# PARKINSON'S PROGRESSION MARKERS INITIATIVE (PPMI)



- Natural history study to identify markers of disease (not testing a new treatment or drug)



- Collecting data and biosamples from participants over 5+ years



- Enrollment goal of 4,000 total volunteers at clinical sites



- All de-identified data open-access for research community



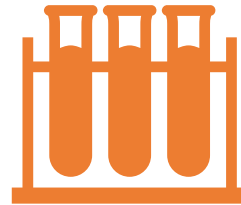
# VALIDATION OF A NEW PD BIOMARKER

Making PD research **FASTER, CHEAPER, & SMARTER**

We now have three useful tools to measure disease biology, moving us into the **biological era of PD**:



We can measure sufficient **loss of smell** to nominate and monitor the at-risk population



We can detect **pathological  $\alpha$ -synuclein in spinal fluid** to confirm PD biology is present



We can observe **dopamine deficits via DaTscan** in PwP and the at-risk population

For the very first time, prevention trial design is possible!



# WHAT'S NEXT?

Integrate the test into more clinical trials

Optimize the test to measure severity of disease or extent of risk for PD

Develop the assay for use in other specimens including skin and blood



# GET INVOLVED



**Buddy Network:** Join the Parkinson's Buddy Network to connect with new friends, share tips and build relationships.

[parkinsonsbuddynetwork.org](http://parkinsonsbuddynetwork.org)



**Webinars & Podcasts:** Tune in for free live podcasts and Third Thursday Webinars, 12:00pm (ET).

[www.michaeljfox.org/webinars](http://www.michaeljfox.org/webinars)



**Ask the MD:** Blogs and videos on Parkinson's research and care by a movement disorder specialist.

[www.michaeljfox.org/ask-md](http://www.michaeljfox.org/ask-md)



**Parkinson's Progression Markers Initiative**

**PPMI:** A landmark study that could change the way PD is diagnosed, managed and treated is recruiting participants now. Take a short survey to see if you are eligible.

[www.michaeljfox.org/PPMI](http://www.michaeljfox.org/PPMI)



**Fox Insight:** We have 50,000+ participants nationwide. Will you sign up to contribute to important PD research?

[www.foxinsight.michaeljfox.org](http://www.foxinsight.michaeljfox.org)



**Team Fox:** Join the Grassroots Fundraising Community. Be a part of these community of change-makers who are bringing us closer to a cure! [www.teamfox.org](http://www.teamfox.org)



**Advocate:** The annual cost to care for PWP in the United States is \$52 billion. Your voice is powerful. Act now!

[www.michaeljfox.org/congress](http://www.michaeljfox.org/congress)







**THANK YOU!**

Questions? Reach me at:

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