

# OUR HEALTH IN OUR HANDS

Research Strategy 2023 & beyond

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## OHIOH EXECUTIVE



Prof Chris Nolan A/Prof Hanna Suominen  
Members



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Director

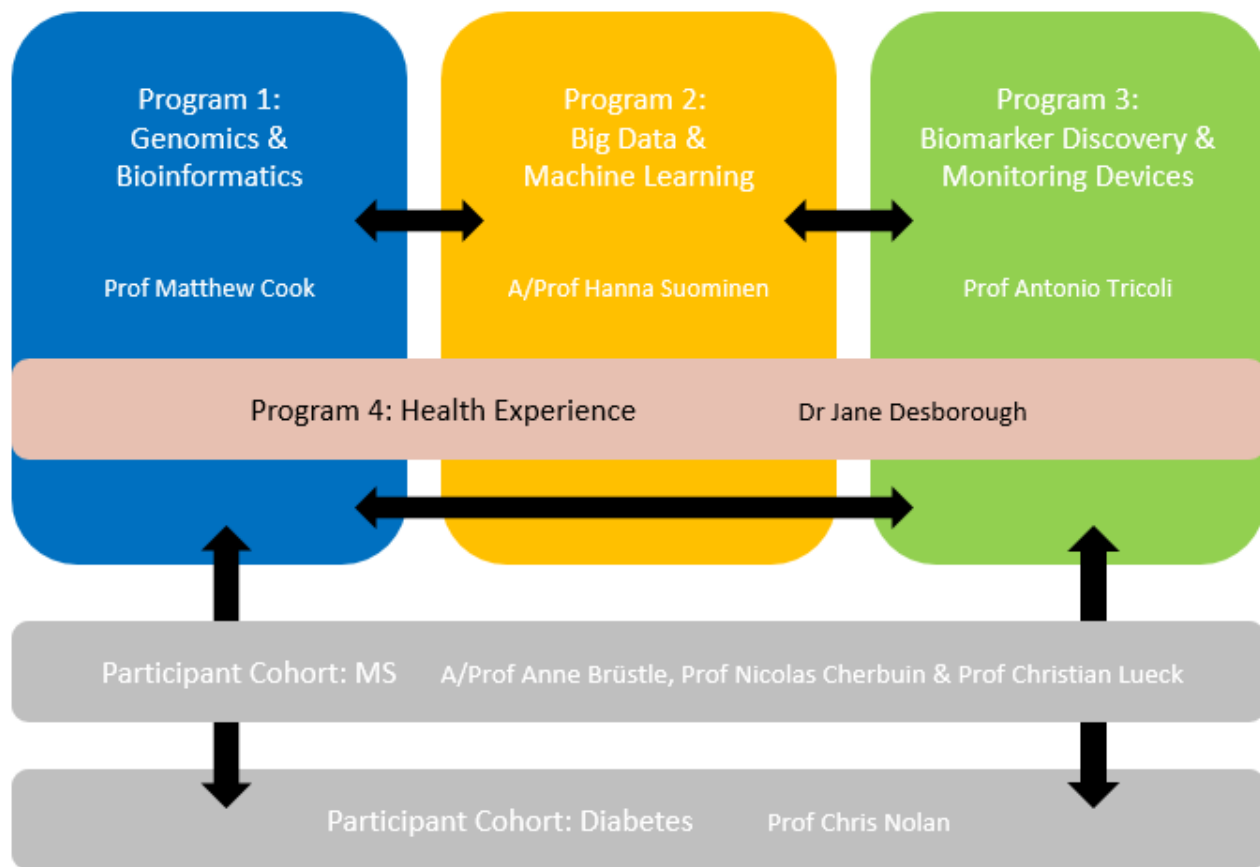


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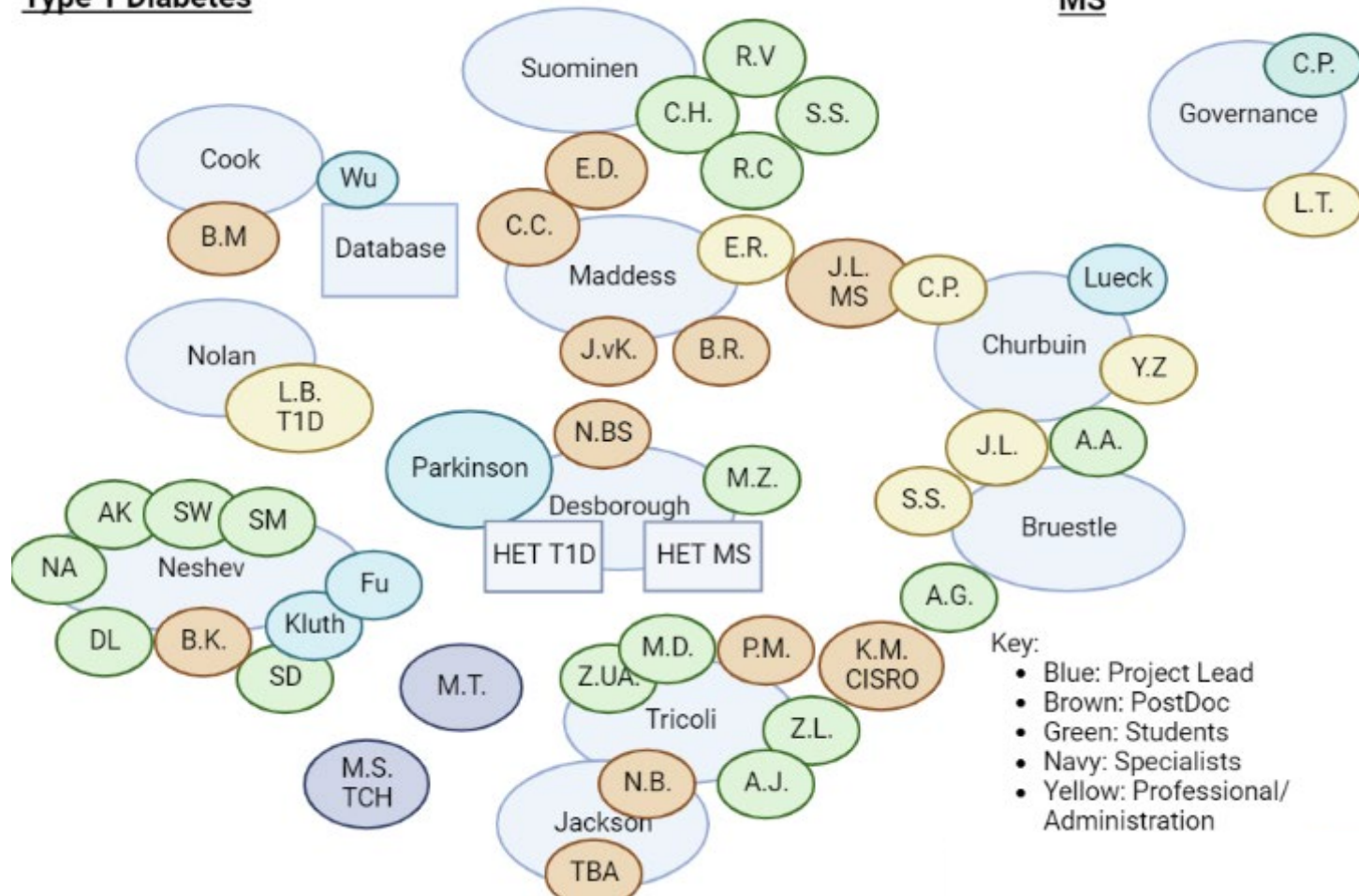
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# Core disciplines



# Type 1 Diabetes

# MS



What's next for OHIOH  
MS?



# Using multidimensional biomarkers to disentangle, quantify and understand the components of fatigue in MS

NHMRC Synergy pitch OHIOH+



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# Two sides of the problem

## The treating clinician

Need tools to assess, classify and verify fatigue



## The patient

Needs to communicate their fatigue

# OUR AIM

To identify and characterise objective and subjective measures of fatigue

The treating clinician

Tools to identify

- fatigue subtypes
- Validate symptoms
- Monitor treatment



The patient

Empowerment  
Personal validation



# THE HOW

A: **Mapping experience** (interviews, questionnaires, working groups)

B: **Matching with biological data**  
(Blood analysis and phenotypical assessment e.g dexterity app, balance plate, OFA)



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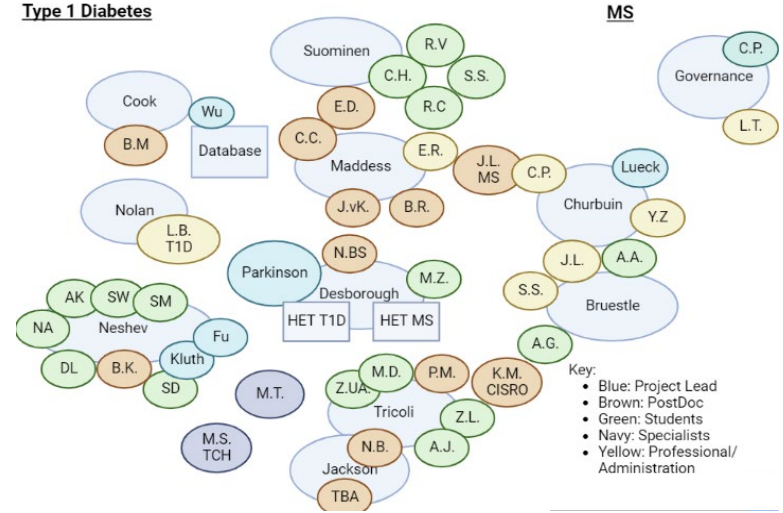
# OHIOH Research priorities 2023:

## Multiple Sclerosis

1. Fatigue sub study → Synergy
2. Cross sectional proof of concept study → rich data analysis
3. Nanopores and electrochemical sensor proof of concept pilot study
4. OFA and balance plate embedding in cohort study
5. Collaboration with Open coast to coast Australian Multiple Sclerosis Study (OCCAMS)



# THANK YOU



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All study and workshop participants!!!