

## Michigan Genomics Initiative Acknowledgment and Authorship Policy

The Michigan Genomics Initiative (MGI) is a collaborative research effort among physicians, researchers, and patients at the University of Michigan funded through Precision Health with the goal of harmonizing patient electronic health records with genetic data to gain novel biomedical insights. Together, MGI, Precision Health (PH), the Medical School Data Office for Clinical and Translational Research (DOCTR), the Medical School Central Biorepository (CBR), the University of Michigan Advanced Genomics Core, and the School of Public Health (SPH) provide a platform that includes recruitment, collection, biospecimen storage, management, distribution, and health-related and genomic data access services. It is important to recognize these entities as well as the Principal Investigators that contributed historic and ongoing support. Depending on the level of contribution provided, recognition may differ for individual projects:

- *MGI Resources accessed:* Biospecimens, genomic/genetic data, and/or health-related data (clinical, prescription, health claims, survey, epidemiological, environmental, and other data types).
- *Entities:* Michigan Genomics Initiative (MGI), Precision Health (PH), the Medical School Data Office for Clinical and Translational Research (DOCTR), the Medical School Central Biorepository (CBR), the Advanced Genomics Core, and the School of Public Health (SPH).
- *Precision Health MGI Resource Committee:* A Precision Health oversight committee for the review of requests concerning MGI resources. This committee is subject to standards established in the UMMS Tissue Ownership Policy.

### A. ACKNOWLEDGMENTS

1. Researchers who use MGI Resources must acknowledge the aforementioned Entities in all publications, grant applications, and presentations.
2. When acknowledging services using MGI Resources, the following entities should be mentioned depending on the services used:
  - All requests should acknowledge MGI and PH;
  - Health-related data requests should also acknowledge DOCTR;
  - Biospecimen requests should also acknowledge CBR;
  - Genomic/genetic data requests should also acknowledge SPH, CBR, and the Advanced Genomics Core.

### Boilerplate Language for Acknowledgement

Researchers who use MGI Resources must acknowledge the aforementioned Entities by including the following language in all relevant publications, grant applications, and/or presentations:

- For health-related data requests:

*The authors acknowledge the Michigan Genomics Initiative participants, Precision Health at the University of Michigan, and the University of Michigan Medical School Data Office for Clinical and Translational Research for providing data storage, management, processing, and distribution services.*

- For biospecimen requests:

*The authors acknowledge the Michigan Genomics Initiative participants, Precision Health at the University of Michigan, the University of Michigan Medical School Central Biorepository, and the University of Michigan Advanced Genomics Core for providing biospecimen storage, management, processing, and distribution services in support of the research reported in this publication/grant application/presentation.*

- For genetic/genomic data requests:

*The authors acknowledge the Michigan Genomics Initiative participants, Precision Health at the University of Michigan, the University of Michigan Medical School Central Biorepository, and the University of Michigan Advanced Genomics Core for providing data and specimen storage, management, processing, and distribution services, and the Center for Statistical Genetics in the Department of Biostatistics at the School of Public Health for genotype data curation, imputation, and management in support of the research reported in this publication/grant application/presentation.*

## **B. AUTHORSHIP**

1. The Precision Health MGI Resource Committee recognizes the authorship guidance provided by the University of Michigan Medical School. Briefly, authorship should be considered when a person has provided:
  - Significant contribution affecting the direction, scope, or depth of research;
  - Long-term guidance and development of the project;
  - Creative contributions to the project with a clear understanding of its goals;
  - Development of methods necessary for timely completion of the project; or
  - Data analysis or interpretation necessary to the conclusion of the project.

The full University of Michigan Medical School guidance on authorship is available in the *University of Michigan Medical School Guidelines for the Responsible Conduct of Research: Guidelines for Authorship* and in the *Appropriate Authorship Attribution (Ghostwriting, Guest Authorship) Policy*.

2. Additionally, generating genotypes that are quality-controlled to the most modern standards and imputed with up-to-date methods constitutes an ongoing intellectual contribution. Accordingly, members of the MGI genetics team should be included as co-authors in publications that leverage MGI genetics data.

3. When necessary, the Precision Health MGI Resource Committee will provide the names of the Principal Investigator(s) and/or key staff that should be contacted to clarify or discuss authorship on a publication, grant application, or presentation.
4. In the event of a dispute over inclusion or exclusion of a proposed author, the Precision Health MGI Resource Committee shall adjudicate. If the proposed author of the publishing Principal Investigator is a member of that committee, he or she will be recused from voting on that issue.

**C. POST-DISTRIBUTION MONITORING**

1. The Precision Health MGI Resource Committee will monitor uses of the MGI Resources to ensure appropriate acknowledgment.
2. When requested by the Precision Health MGI Resource Committee, publishing Principal Investigators agree to supply:
  - The name and number of federal or other grants that will use MGI resources; and/or
  - Publications that have been generated using MGI resources.

**D. REFERENCES**

1. Information regarding the Michigan Genomics Initiative and all of its resources:  
<https://precisionhealth.umich.edu/>
2. University of Michigan Medical School Appropriate Authorship Attribution (Ghostwriting, Guest Authorship) Policy: <http://msa.med.umich.edu/policies/appropriate-authorship-attribution-ghostwriting-guest-authorship>
3. University of Michigan Medical School Central Biorepository Policy on Acknowledgment and Authorship: <https://az.research.umich.edu/medschool/policies/university-michigan-medical-school-central-biorepository-policy-acknowledgment>