



Marshfield Clinic Research Institute

Marshfield Clinic Research Institute, a division of Marshfield Clinic, was founded in 1959 and today is the largest private medical research institute in Wisconsin.

Mission

We enrich lives through discovery, translation and application of scientific knowledge that improves health and wellbeing.

Vision

We will innovate and define the future of health care for generations. Our research will be the source of innovation for the future of disease and injury prevention and integrated health care locally and globally.

Values

- Discovery - The foundation of the overall activities of the research group.
- Translation - We make a major effort to apply our discoveries in the health care setting.
- Dissemination - Results of work done are distributed broadly on a timely basis.
- Teamwork - A hallmark of the research group.
- Excellence - The standard for all research and program activities.
- Collaboration - Partnerships both internal and external are sought and encouraged.

About Us

Marshfield Clinic Research Institute is pioneering health care research - discovering new knowledge and innovative approaches to better meet the needs of patients at Marshfield Clinic Health System and around the world. The ever-changing health care environment presents challenges. We are embarking on a unique journey focused around integration and translation of medical research to improve health care. The Research Institute is comprised of nationally-recognized centers in the fields of:

- Cancer research
- Epidemiology and population health
- Precision medicine
- Oral and systemic health
- Agricultural safety and health
- Clinical trials in several medical sub-specialty areas

These centers are supported by shared research support offices:

- Integrated Research and Development Laboratory
- Office of Research Computing and Analytics
- Office of Research Support Services
- Research Compliance

Contact

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Social Media

Marshfield Clinic Research Institute can be found on Facebook (facebook.com/MarshfieldResearch) and Twitter (@MCRResearchInst).



Structure and Leadership

The Research Institute has an oversight board of 13 members that serves an oversight and advisory function. The Research Institute is led by its executive director, research center directors and an administrative leadership team.

Facts and Figures

- As one of the largest private research facilities embedded within a regional, integrated health care system, the Research Institute is uniquely positioned to conduct innovative, translational and applied research in a learning health system environment serving a large underserved rural segment of Wisconsin.
- More than 40 Ph.D. and M.D. scientists, 200 other staff and approximately 150 physicians and other health care professionals through the Health System are engaged in medical research. This led to more than \$39.7 million in externally funded projects in 2020.
- Our investigators have access to a dedicated Clinical Research Unit to conduct trials and an electronic health record containing coded diagnoses data back to 1960, with other coded data and digital documents back to the mid-1980s.
- We take pride in the communities we serve, which is why our staff actively participates in activities that bring science to schools, colleges and communities. Other community outreach activities include actively participating in clothing and food drives.

Our Research Centers

Cancer Care and Research Center

We support and oversee clinical trials of cancer treatments conducted at the Marshfield Clinic Health System cancer centers.

In 2020, there were more than 340 open clinical trials, 2,350 patients screened and 1,250 patients enrolled into cancer clinical trials.

Center for Clinical Epidemiology & Population Health

Our researchers study cancer care and outcomes, vaccine safety and effectiveness, COVID-19 and influenza, obesity, diabetes, cardiovascular diseases, and other health issues.

For example, Center for Clinical Epidemiology and Population Health scientists are leading CDC-funded studies to confirm the safety of COVID-19 vaccines and assess their effectiveness.

Center for Oral and Systemic Health

Our mission is to enrich oral-systemic health of rural communities through research, service and implementation in a data-driven and evidence-based manner.

Current focus areas include integrated care models that harness phenotypic data from medical-dental EHRs, artificial intelligence/machine learning applications in dentistry, dental quality measures, precision health informatics strategies and survey-based approaches.

Center for Precision Medicine Research

Our research focus on understanding how gene-environment interactions and genetics influence human health and disease along with discovering genetic and immune biomarkers of diseases.

We are one of ten health care organizations across the U.S. participating in the All of Us Research Program; working to further improve precision medicine by looking at how our genes, lifestyles and environments affect treatment outcomes.

Clinical Research Center

We provide comprehensive services to ensure efficient, quality clinical trials of drugs, devices and biotechnology conducted at Marshfield Medical Center in Marshfield and at many of our Health System's regional centers. While the Clinical Research Center has special emphasis in cardiology, infectious disease, neurology, pediatrics, vaccinology and rare diseases, physicians and staff throughout the Health System are able to engage research in any specialty.

We support up to 100 clinical trials at any given time. Since 2015, we have averaged nearly 300 new patient enrollments per year, in over 70 unique studies and conduct approximately 2,000 study visits annually.

Integrated Research & Development Laboratory

As a national leader in respiratory infectious disease testing, Lyme disease epidemiology, and evaluating new technologies and diagnostics directly impacting patient care, the Laboratory supports research projects locally as well as with external collaborators in industry and academia.

This experience led the Laboratory to serve as the sole central reference lab in the nation to support the Centers for Disease Control and Prevention (CDC) on several COVID-19 studies.

National Farm Medicine Center

Our mission is to improve the health and wellness of rural and agricultural communities through research, education and outreach. Farm Medicine is also home to the peer-reviewed Journal of Agromedicine.

Established in 1981, Farm Medicine is the largest continuously-operating center devoted to agricultural health and safety in the U.S.