



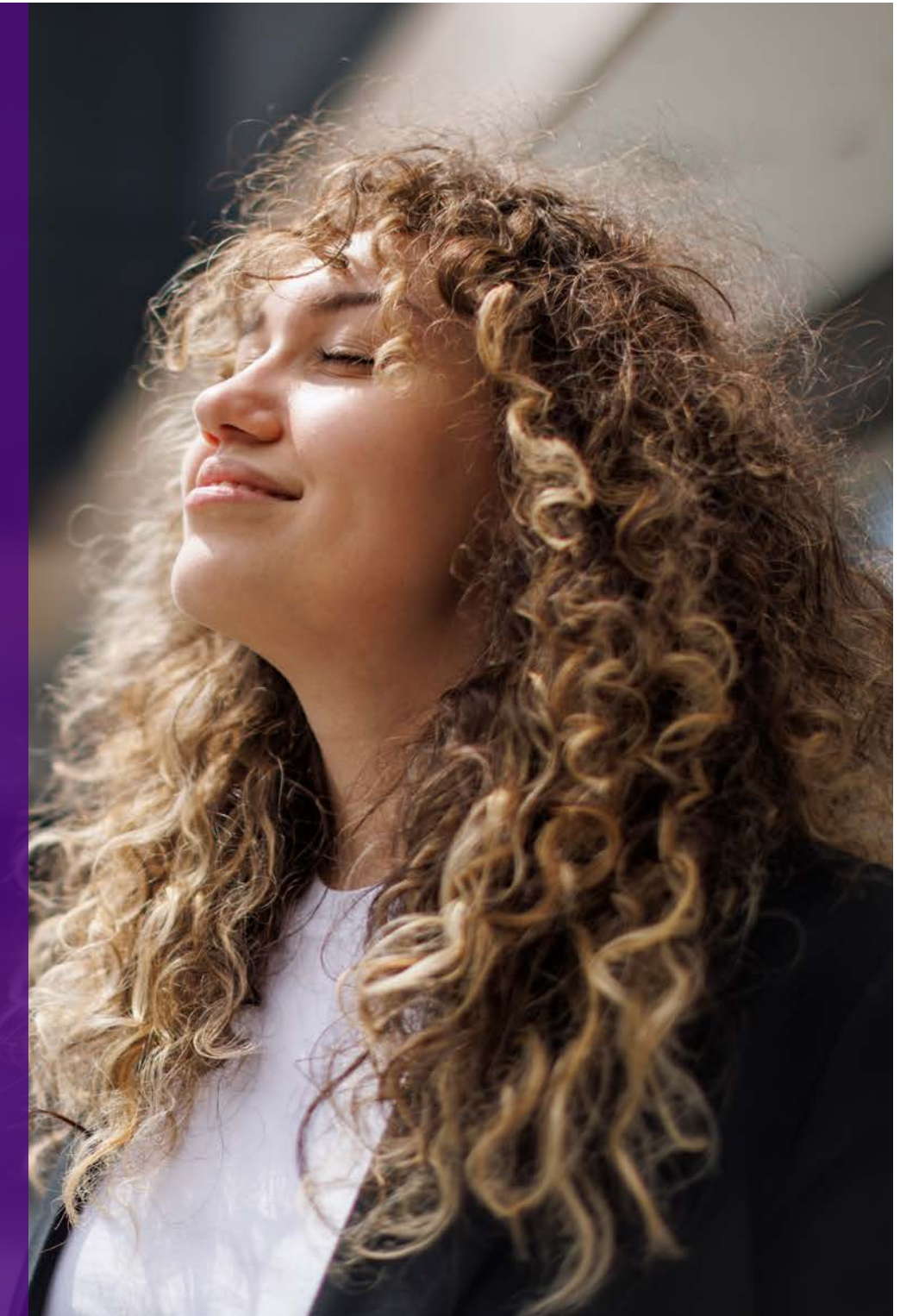
Public Health for All

in Every Place and Every Space

2024 MPHI ANNUAL REPORT



Everything We Do at
MPHI Proudly Reflects
Our Michigan Values





MPHI, a non-profit public health institute, was established in statute by the Michigan Legislature with unanimous bipartisan support. For over 30 years, MPHI has worked with the State of Michigan to enhance government efficiency, advance fiscal responsibility, and uphold Michigan values. MPHI is committed to transparent financial practices and adheres to rigorous reporting requirements to ensure accountability and effective resource utilization across various communities and state jurisdictions. MPHI also leverages partnerships across the nation to bring additional public health dollars to Michigan while working to improve health outcomes for all Michiganders.



A Message From Our CEO



As we reflect on 2024, I am filled with pride and gratitude for the remarkable work we have accomplished at MPHI. Our work has always been data-driven, relying on empirical evidence and rigorous research to inform policies and interventions. By analyzing health data and trends, we develop effective strategies that contribute to improvements in health and quality of life. This work helps Michiganders thrive and reach their full health potential.



For more than thirty years, MPHI's dedication to improving the health of all Michiganders has remained steadfast across shifting cultural and political landscapes and evolving health needs. From expanding broadband access in rural areas to bringing millions of dollars to Michigan to help improve the health of all Michiganders, we recognize the complexity of these challenges. Our role is to partner with others to solve these challenges; whether we provide data, research, and policy guidance or offer technical support. Our work enables leaders to make more informed decisions, and we remain dedicated to this important role.



Public health efforts ensure that where we live, work, play, or pray are settings that allow us to be healthy and vibrant. Effective health initiatives lead to improvements in life expectancy and quality of life. As we move forward, we remain committed to enhancing health for all through collaboration and excellence. Thank you for your continued support and partnership. We look forward to ongoing success and the positive impact of our shared work in the year ahead.

Renée Branch Canady, PhD, MPA
Chief Executive Officer, MPHI



Operational Updates

*Leaning into the Information
Age: Enhancing Public
Health Efficiency*





Developing Technology to **Enhance Efficiency**

In the ongoing quest for operations improvements, time studies, and assessments were conducted across the Institute, led by the Financial Services Team. These efforts provided valuable insights into financial support processes, highlighting opportunities for optimization, especially in travel expense reimbursement. In response to this finding, the Center for Technology Solutions (CTS) at MPHI created an Online Travel and Expense Reimbursement (OTER) Application. OTER is a user-friendly platform designed to efficiently manage travel and expenses, resulting in significant cost savings for partners. Its development aimed to enhance efficiency while maintaining rigorous reporting requirements.



Using Data to Drive Decision-Making

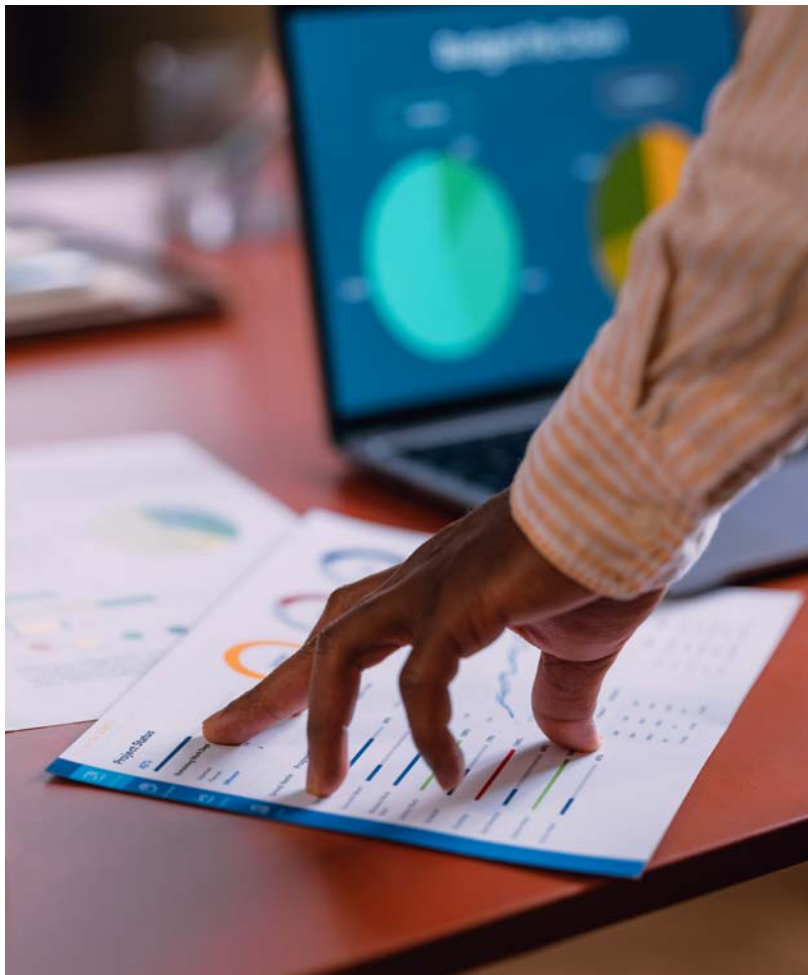
In 2023, an internal staff survey was conducted to gather feedback on compensation practices. In 2024, after analyzing the results, the Executive Leadership Team recognized an opportunity to improve the approach to salary distribution across the Institute. The Financial Services Team worked with external consultants to comprehensively review salary data, job roles, and market benchmarks. This review aimed to identify differences, gaps, and areas for improvement. The study results are being analyzed, and new compensation practices are being implemented.



By aligning compensation with market standards and ensuring transparency and fairness, MPHI fosters a motivated and stable workforce. This stability reduces turnover rates and recruitment costs, benefiting partners through consistent and reliable service delivery. In addition, this enhanced resource management minimizes waste and maximizes the impact of public health initiatives, providing better value for partners and more efficient maintenance of MPHI's rigorous reporting requirements in financial practices, ensuring compliance with state and federal regulations, as well as with MPHI's many grants and contracts.

Staying Ahead of the Technology Curve

Learning and Leveraging AI Tools



As part of our strategic focus on enhancing internal efficiencies, MPHI is implementing advanced AI resources to streamline operations and improve client engagement. These AI enhancements are designed to automate routine tasks, enhance data analysis, and support informed decision-making across the Institute.

The Information Technology team began with implementing AI resources to enhance internal efficiencies and client engagement. Initial AI training programs, including workshops and webinars, were launched to build foundational knowledge and practical skills. Additional AI workshops will be scheduled in 2025 to best meet the needs of our staff, focusing on automating routine tasks and improving data analysis and decision-making. Notable tools included AI-powered data analytics platforms, natural language processing tools, and machine learning models, especially integrating Microsoft Copilot across the Institute's Microsoft 365 Suite. Several pilot projects were also initiated to showcase AI's potential in areas such as predictive analytics in public health, automating workflows, and AI-driven communication tools.

Staying Ahead of the Technology Curve

Reinforcing and Prioritizing Data Security



MPHI is NIST compliant and adheres to the NIST 800-53 standards, which include a comprehensive set of security and privacy controls for federal information systems and organizations. MPHI has implemented various controls and procedures to ensure compliance with these standards. Additionally, MPHI regularly updates these policies and procedures to maintain compliance and address any new requirements or changes in operational processes.

MPHI has also achieved SOC2 Type 2 certification. This certification was a significant accomplishment for the Institute, reflecting MPHI's commitment to comprehensive security and compliance standards. Being SOC2 Type 2 certified demonstrates that MPHI has robust security policies, procedures, and controls to protect sensitive data and ensure the integrity and availability of its systems. Compliance with NIST and SOC2 standards ensures that MPHI employs best practices in cybersecurity, reducing the risk of data breaches and unauthorized access.

These benefits contribute to a more secure, reliable, and efficient partnership, ultimately enhancing the value and impact of collaborations with MPHI.

Our Priority is to Meet the Highest Level of Security Standards and Ensure Data Protection.



2024 Impact

Our Year in Numbers





10,239 Followers

Social media followers in 2024.



150+ Presentations

Presentations delivered at conferences, workshops, and convenings across the country.



100+ Publications

Publications including articles, reports, and blogs written by staff subject-matter experts.



88 Partners

Funding partners in 2024.



\$200M Funding

Project funding in 2024.



+8.8% Growth

Employee growth in 2024.



30+ Years

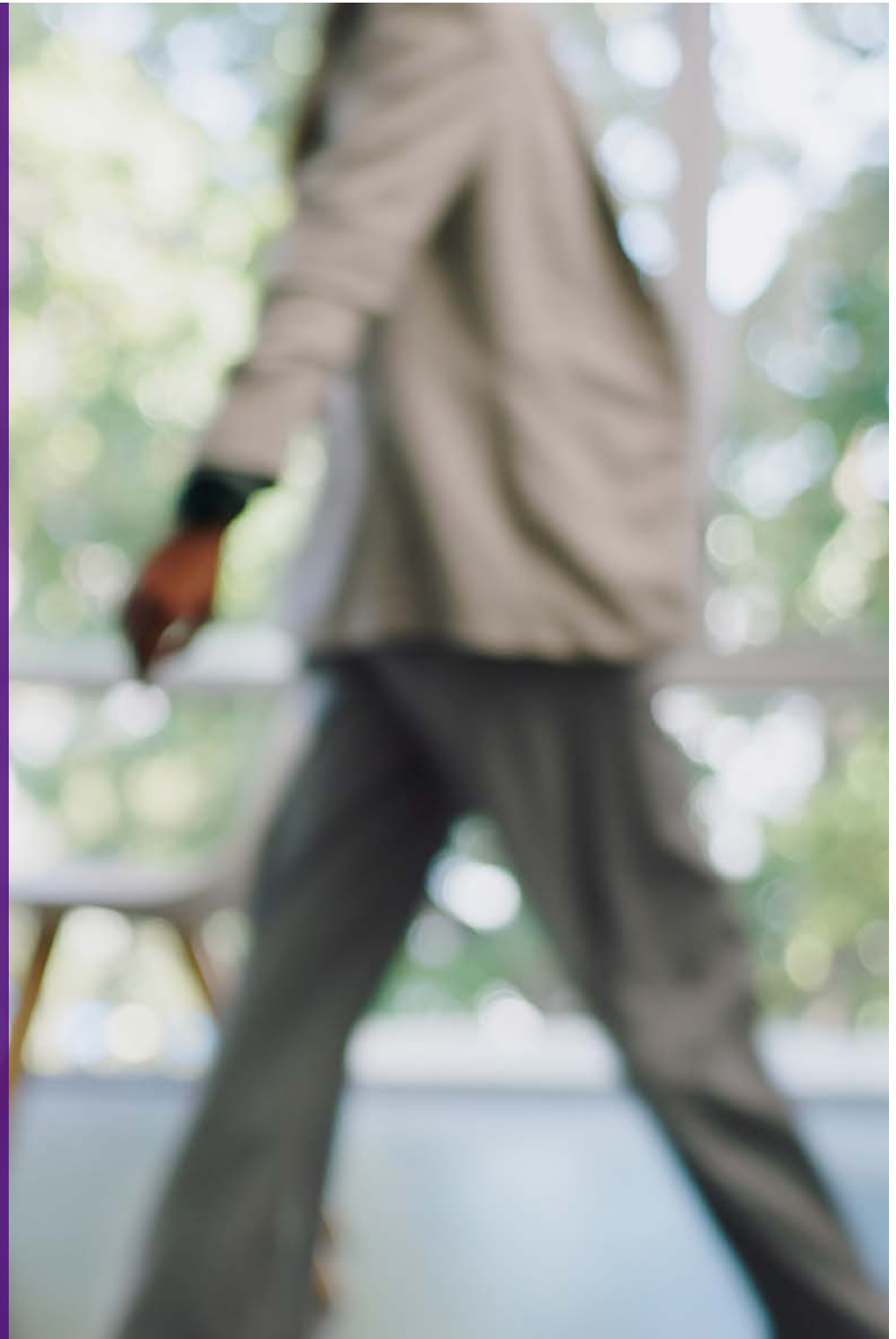
Years MPHI has been in operation, driving public health initiatives and partnering with MDHHS.

MPHI's Success Rests on the Quality, Thoroughness, and Bipartisan Nature of Our Research and Analysis



Operational Updates

Continued





Established the Center for Precision Public Health (CPPH) at MPHI

We are proud to have created the Center for Precision Public Health (CPPH). The CPPH is steadfast in its commitment to improving the health and well-being of every individual. Precision public health is about delivering the right intervention at the right time, every time, to the right people. The CPPH will continue the work previously undertaken by MPHI's Center for Strategic Health Partnerships (CSHP) and the Center for Data Management and Translational Research (CDMTR). CPPH is dedicated to advancing data analytics and evaluation, child and adolescent mental health, education and training, and public health infrastructure. The Center aims to develop new research, support data-driven initiatives, and provide technical assistance to further these efforts.



CPPH Is **Engaged** in a Variety of Initiatives

Genetic Services

Enhancing genetic services for Amish, Mennonite, and other Plain communities through the Plain Community Health Consortium Project. Often, these groups do not seek preventative care or obtain health insurance. The goal of this project is to improve communication, build relationships, and increase access of Plain communities to genetic services.



Content Provider

CPPH has recently been approved as a trusted content provider for the American Medical Association (AMA) education hub. This designation will allow the CPPH to share educational opportunities through the AMA Ed Hub, providing better opportunities to impact health outcomes on a national scale and extending the reach of our project work.

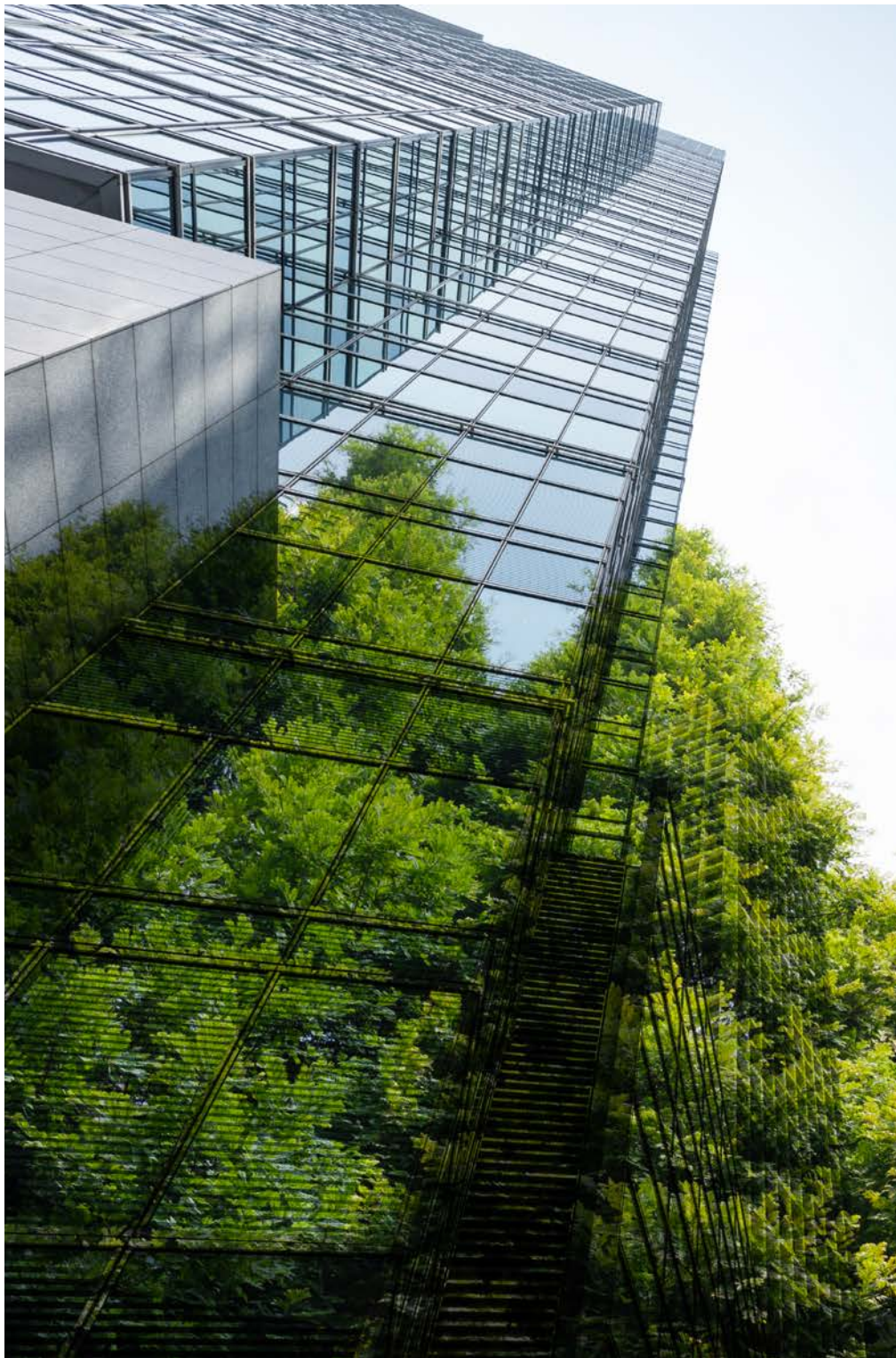
Portfolio Sponsor

MPHI's Center for Strategic Health Partnerships (CSHP) has been approved by the American Board of Pediatrics (ABP) as a Pediatric Portfolio Sponsor for ABP Maintenance of Certification (MOC) activities. This allows CSHP to design and evaluate quality improvement (QI) projects against ABP standards and award physicians MOC credit at no cost. The QI projects increase access to health care services for underserved populations and will be offered at state, regional and national levels.



“The ABP Portfolio Sponsor Organizations are critical to the success of our MOC program, and we thank you for the work you do,” said Keith J. Mann, MD, and vice president of continuing certification at the American Board of Pediatrics. “We are grateful for MPHI CSHP’s leadership in quality improvement and are excited to partner with you to award MOC credit for physicians working hard to improve child health.”

CSHP administers the HRSA-funded seven-state Midwest Genetics Network (MGN) which has developed partnerships to ensure that children born with rare genetic conditions receive optimal genetic services and has built an infrastructure that supports education and training of primary care providers.

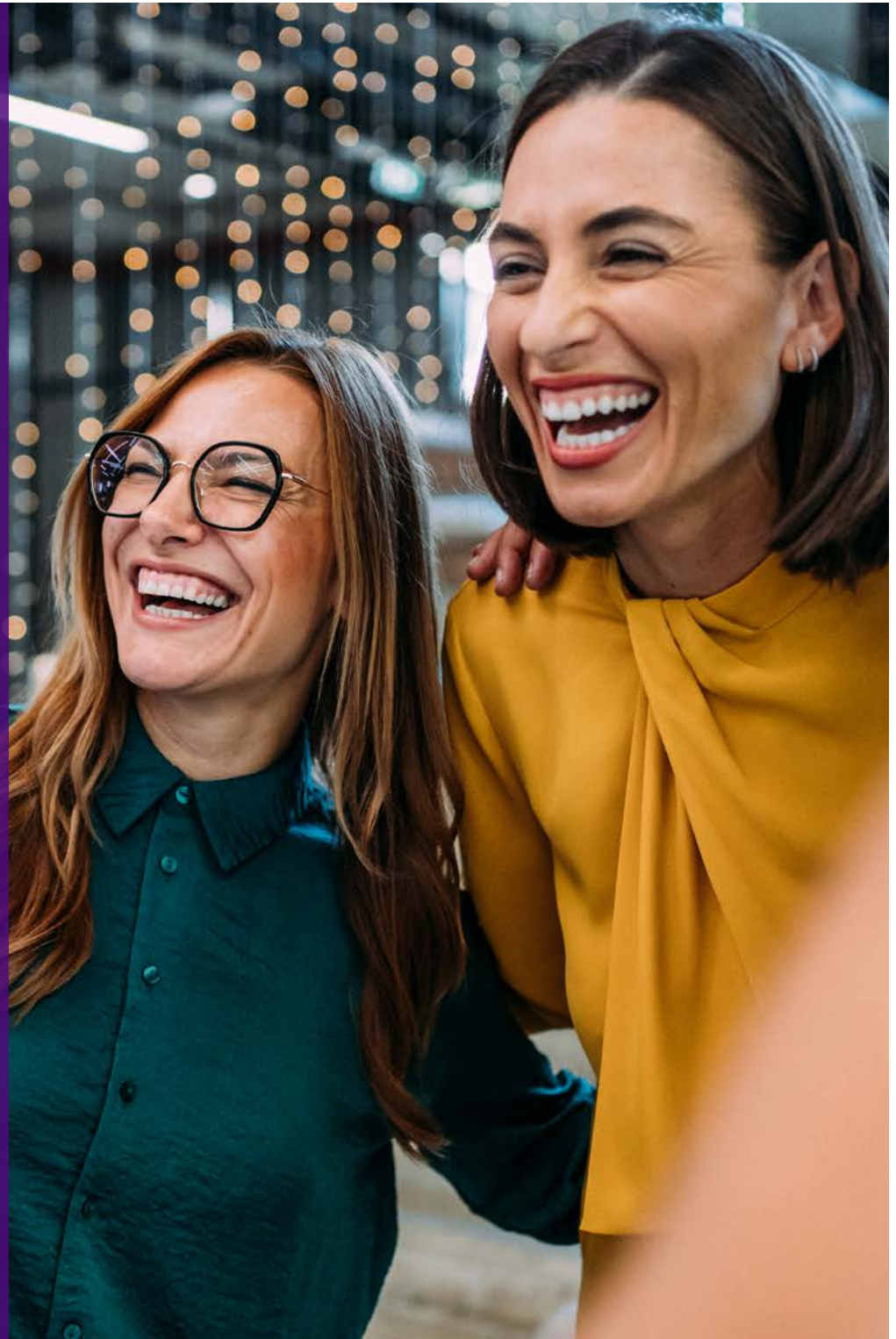


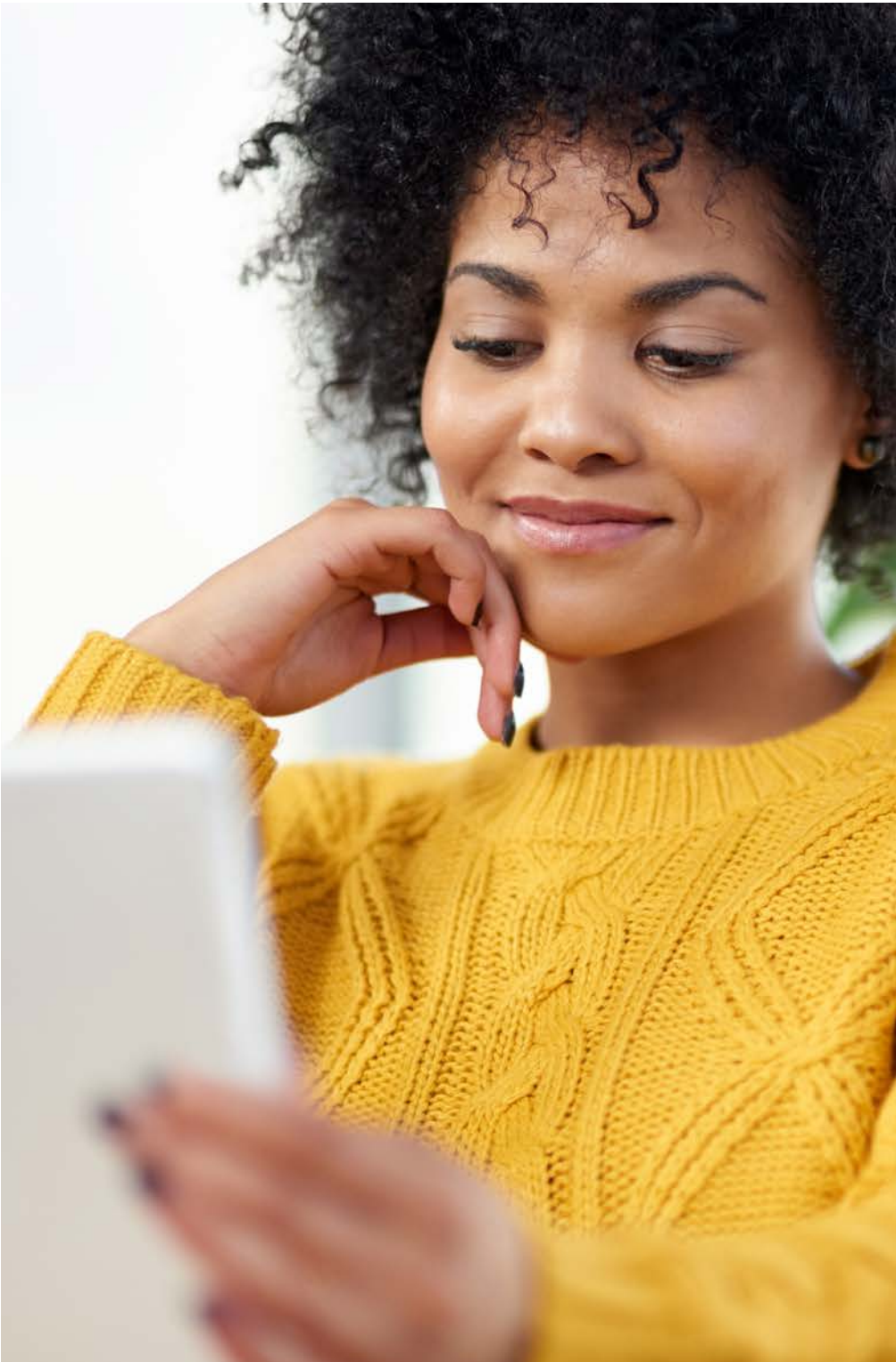
“The Portfolio Sponsorship designation and partnership with the American Board of Pediatrics allows CSHP and the Midwest Genetics Network to grow its programs and offer QI administrative support to other HRSA-funded Regional Genetic Networks,” said Dr. Mat Edick, CSHP director. “These QI projects expand awareness of public health genetics and improve clinicians’ knowledge and connections to genetic services.”

The ABP certifies general pediatricians and pediatric subspecialists based on standards of excellence that lead to high-quality health care for children. The ABP certification provides assurance to the public that a general pediatrician or pediatric subspecialist has successfully completed accredited training and fulfills the continuous evaluation requirements.



Project Updates





Selected **MPHI Highlights**

In 2024, MPHI continued to drive impactful public health initiatives, demonstrating our commitment to innovation, collaboration, and better health for all. Our projects have addressed critical health issues, enhanced data analytics, and reinforced our mission to improve public health outcomes.

**Public Health is Foundational
to a Thriving Society**

Michigan's 988 Suicide And Crisis Lifeline Framework

The CPPH team collaborated with MDHHS on multiple federal grants for funding to plan, implement, and enhance Michigan's 988 Suicide and Crisis Lifeline framework. The 988 Suicide and Crisis Lifeline is a 24/7 national network with over two hundred local call centers, providing support for suicidal, mental health, and substance use crises. CPPH leads project evaluation efforts by continuously monitoring system performance and identifying areas needing quality improvement. They hosted monthly workgroup meetings with the Michigan 988 call centers to identify shared challenges and create standardized protocols aligned with national guidelines and best practices. This work ensures consistency for callers across Michigan's 988 call centers. CPPH staff work with representatives from Michigan 911 dispatch centers and 988 call centers to establish protocols that ensure coordinated interactions between 911 dispatch centers and 988 call centers.

As the project evaluator, CPPH monitors monthly and quarterly data to ensure accuracy and goal achievement. According to the most recent data, the call centers in Michigan handle over 8,000 calls monthly, with the total number of calls continuing to rise each month as the 988 system develops and marketing efforts broaden. On average, Michigan 988 crisis counselors answer calls within 12 seconds. CPPH has worked hard to grow the number of referrals that call centers offer to callers. This was a large focus of the evaluation plan CPPH developed. The referral rate at the time 988 went live in July 2022 was about 1%. In July 2024, CPPH was able to help the Michigan 988 centers increase this rate to about 9%.

Michigan Comprehensive Lead Exposure and Abatement Registry (MiCLEAR)

Case management features have been integrated into the Michigan Comprehensive Lead Exposure and Abatement Registry (MiCLEAR); an application designed by MPHI in collaboration with partners at DHHS. These innovative case management features are designed to help nurse providers and patients in managing lead poisoning effectively. The features allow providers the ability to monitor their patient's lead levels, create personalized treatment plans, and connect patients with additional resources from financial support to specialized care. This application aims to improve patient outcomes through initiative-taking management and support, ensuring a healthier future for those affected by lead poisoning.

With one centralized system, cross-functional teams can manage, communicate, and plan more efficiently in identifying individuals impacted by lead poisoning and remediating the source of lead poisoning. CTS migrated over two million patients records from their legacy Healthy Homes and Lead Poisoning Surveillance System (HHLPSS) into one centralized system and helped with any data cleanup efforts related to the legacy system. Five custom roles were created, and permissions were enabled to allow cross-functional team collaboration between Case Management & MiCLEAR. CTS also created custom homepage ticklers, data exports, and reporting needs that help drive transparency and prioritization of patient care. The team created the ability to add and edit patient information, case information, and local case management. Further capabilities include generating clinical family letters, importing blood lead test results, exporting CDC Extract Data, and countless case status and event automations. Over the course of the project, the team completed 80+ minor enhancements.

Advance Peace Lansing: Reducing Crime And Gun Violence



In 2024, Advance Peace Lansing continued its mission to reduce gun violence through intensive outreach and mentorship. The program's Peacemaker Fellowship, an 18-month initiative, contributed to a 65% reduction in city-wide gun fatalities since its launch, despite a rise in shootings. Incidents with evidence of shots fired decreased by 3.5%, and calls to 9-1-1 or police about shots fired dropped by 4%.

MPHI's Advance Peace team dedicated over 1500 hours to engaging neighborhoods, initially focusing on southwest Lansing and later expanding to southeast Lansing and East Lansing. A partnership with the Lansing School District was established to place Peacemakers in Eastern, Everett, and Sexton High Schools.

Media recognition highlighted the program's impact, with an opinion piece in the Lansing State Journal noting a 20% reduction in shooting fatalities and a 25% decline in non-fatal shootings in southwest Lansing during the first 18 months. Advance Peace Lansing's efforts in 2024 demonstrated the effectiveness of its approach in reducing gun violence and underscored the importance of continued investment and expansion.

Michigan's Statewide Trauma System

Michigan's Statewide Trauma System consists of eight regional trauma networks that are responsible for the oversight of the trauma care provided in their region. From 2022 to 2024, MDHHS partnered with MPHI to conduct a comprehensive environmental scan of trauma rehabilitation in Michigan following hospital discharge. The main goal of the project is to provide a better understanding of how the Michigan Statewide Trauma System is working and where it might need improvement, particularly regarding post-acute rehabilitative service. This effort included a review of the literature and trauma system initiatives in different states, key informant interviews and a survey of hospital discharge planners and other care managers involved in patient transitions, accessing and analyzing data from the Michigan Trauma Registry and Medicaid Data Warehouse, and interviewing patients and their caregivers to gain insight on their experience and the challenges they faced after getting discharged from the hospital.

Engaging stakeholders around project findings increased awareness of trauma care gaps, including rehabilitative, mental, and assistive services. This highlighted regional variations in access and utilization of follow-up care, and the factors affecting the care received and differential outcomes of traumatic injuries. Results helped CPPH generate quality improvement recommendations and identified next steps for the Michigan Trauma System. Additionally, two statewide reports and eight regional profiles were created to understand post-acute trauma care.

Innovative Grant Management Enhances Government Efficiency



The Business Solutions Group (BSG) played a crucial role in assisting the state with the implementation of a grant aimed at improving infection control rates in skilled nursing facilities in Michigan. BSG developed an online application process, reviewed submissions, and selected awardees for the Michigan Department of Health and Human Services (MDHHS).

In 2025, MPHI will distribute funding to reimburse applicants for their approved infection control efforts. The user-friendly online application designed by MPHI's team allowed the client to monitor real-time application statistics and dollar amounts. The data collected during the application process will streamline contracting, invoicing, and reporting processes, with more automated systems for these tasks being implemented for successful grantees.

MPHI's team ensured the application used plain, simplified language, which likely contributed to a higher number of quality applications. The available grant funding limit was exceeded on the first day, with 87 completed applications requesting a total of \$12,379,719. Overall, 269 applications were received, totaling \$44,069,725 in requested funds.



**Opportunities
for Future Public
Health Professionals**





Created Our First Public Health Fellows Program

In 2024, MPHI piloted our first Public Health Fellow Program! We were honored to work with three experienced Public Health professionals for a one-year program that began in the first quarter of 2024. This inaugural class of Public Health Fellows exceeded our expectations. These dynamic and emerging leaders helped support MPHI initiatives, coordinate efforts across centers, and work with industry leaders to develop their skills. Their presence enriched our organizational culture through their unique and valuable perspectives, skills, and presence.



Established Public Health Initiative For Resourceful Education (PHIRE) High School Mentorship Program

The Public Health Initiative for Resourceful Education (PHIRE) is an MPHI initiative launched in July 2024. The five-week program was designed to inspire and empower high school students to learn about public health and pursue careers in this field. The program included coursework structured by multifaceted topics that allowed students to explore their interests in the field. Experts in public health from MPHI's staff serve as mentors, allowing students to learn from real public health professionals. Students who completed the program received a \$500 stipend, a Public Health Initiative for Resourceful Education Certificate, and a letter of recommendation.



Recognition and Publications



National Center for Fatality Review and Prevention Publishes Study in Pediatrics

The National Center for Fatality Review and Prevention (National Center), housed within MPHI's Center for National Prevention Initiatives (CNPI), published an article in *Pediatrics*. *Pediatrics* is an official peer-reviewed journal of the American Academy of Pediatrics. The journal is ranked in the top 100 most-cited journals in science and medicine. Four MPHI employees worked to develop the article, titled "[Improving Consistency in Classifying Child Maltreatment for Sudden Unexpected Infant Deaths](https://bit.ly/48Z22u1) (URL: <https://bit.ly/48Z22u1>).” These MPHI employees are Dr. Patti Schnitzer (Data Systems Consultant), Sasha Mintz, MPH (Senior Epidemiologist), Esther Shaw, MSIS (Senior Data Analyst), and Dr. Abby Collier (Director). Part of the National Center's mission includes developing the National Fatality Review-Case Reporting System (NFR-CRS). This system is used by child death review (CDR) teams in the US to classify and document the deaths reviewed, which then serves to inform the development of prevention strategies, determine legal culpability, redirect blame from caregivers, or substantiate child maltreatment (CM).

The National Center's goal with this article was to develop guidelines for CDR teams to improve consistency in CM and distinguish between exposure to hazards and neglect for sleep-related sudden unexpected infant deaths (SUID). To accomplish this goal, cases of sleep-related SUID between the years of 2004 and 2018 were identified through the NFR-CRS. These cases were then analyzed for associations between multiple variables, including exposure to hazards, neglect, CM, sleep environment hazards, supervisor impairment, and child welfare action.

Dr. Shondra Marshall Received The Clifton R. Wharton Jr. Distinguished Alumni Award



Dr. Shondra Marshall received the 2024 Clifton R. Wharton Jr. Distinguished Alumni Award from the Michigan State University Black Alumni Organization. The Award recognizes proven pioneering leadership, dedication to interracial harmony, outstanding community involvement, and a commitment to the MSUBA goals and objectives.

“I never expected to receive the notable Clifton R. Wharton Jr. Distinguished Award; however, I am deeply honored,” said Dr. Marshall. “I am committed to service and justice; I will continue to lift and build!”

Dr. Marshall exemplifies leadership and community involvement through her work on boards and organizations to elevate justice and strategic thinking. Additionally, she has committed herself to training students, youth, and aspiring leaders. Dr. Marshall’s commitment extends to multiple research topics as well, including academic performance and student/youth voice. She is passionate about working toward a world where we improve the well-being of all people.

MPHI Researchers Featured In The American Journal Of Community Psychology



Dr. Cheribeth Tan-Schriner, Dr. Karie L. Morgan, and Vanessa Burnett, researchers at MPH, published an article that describes a \$2.9 million program's objective to create new narratives for the primary prevention of adverse childhood experiences (ACEs) and substance use in three Midwestern communities. ACEs are potentially traumatic events that occur before the age of 18 and are linked with increased risk for substance use and other health problems. The article reports on the evaluation of the program implementation, which used a mixed methods design that included document review, in-depth interviews, and site reports. The evaluation focused on the challenges and facilitators of implementing the program, as well as the outcomes and impacts. Training and technical assistance were critical to helping community partners build trust, recognize each other's perspectives, broaden and reframe their worldview, and better understand narrative efforts for the prevention of ACEs and substance use.

Chief Financial Officer Appointed to Early Childhood Investment Corporation



MPHI Chief Financial Officer Jana Dean has been reappointed by Governor Whitmer to the [Early Childhood Investment Corporation \(ECIC\)](https://bit.ly/4jsIYYH) (URL: <https://bit.ly/4jsIYYH>). Her new term will extend from October 10, 2024, until July 22, 2028. The ECIC is dedicated to promoting children's success by emphasizing early childhood development. It has invested over \$225 million in Michigan communities and positively influenced the lives of 176,043 children. To fulfill its mission, the ECIC focuses on four strategic goals.

Before joining the Institute in 2015, Ms. Dean was the Finance & Operations Audit Manager for the Internal Audit Department at Michigan State University. Before that, she was a Senior Associate at Plante & Moran. Ms. Dean is a member of the Institute of Internal Auditors, the Michigan Association of CPA's, and the American Institute of Certified Public Accountants.



A Year In Review

*Our Commitment to
Public Health Remains
Unwavering. Together, We
Move Forward, Creating a
Healthier Future for All.*





As we reflect on the past year, public health has remained a fundamental aspect of our daily lives. Together, we have achieved significant progress in enhancing health outcomes for all. Michigan, with its rich history and vibrant communities, stands as a testament to our collective efforts. Let's celebrate the unique spirit of Michigan and continue to make it a beacon of health and innovation.



MPHI Board of Directors

MPHI's Board of Directors consists of no fewer than 12 and no more than 17 board members. The Michigan Department of Health and Human Services (MDHHS), University of Michigan, Michigan State University and Wayne State University each appoint board representatives. In addition to these partners, at-large members represent business, media, and community-based organizations. The diverse backgrounds of Board members bring many different talents to the organization.



MPHI Board of Directors

Elizabeth Hertel, MBA

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Angulique Outlaw, PhD

Denise Anthony, PhD

George Kikano, MD

James Giordano, MBA

Adenike Shoynika, MD, MPH

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