



INSTITUTE FOR FIREARM INJURY PREVENTION

UNIVERSITY OF MICHIGAN

Five-Year Impact Report

Letter from the Leadership Team

Firearm injuries are preventable through multi-faceted, evidence-based approaches. Historically, we have seen this scientific injury prevention method work in reducing deaths from motor vehicles crashes. Since the 1970s, when deaths from motor vehicle crashes peaked, we have seen a significant decline in these rates - despite the fact that the number of miles driven and the number of cars on the road have increased exponentially. This decrease did not happen overnight, nor without significant effort and investment in developing and implementing evidence-based programs and policies.

In order to address the issue, motor vehicle crashes were rigorously studied and thoughtfully approached as a public health crisis. This meant that regular funding allocations were made for research and development of safety strategies, science-based policies were drafted and implemented and multiple industries, sectors and academic disciplines came together to find creative solutions to this critical issue.

There was not one solution, policy or program that was responsible for the death rate decline, rather, the success came as a result of utilizing a combination of multidisciplinary strategies: behavioral (e.g., child car seats), engineering (e.g., collapsible safety columns, air bags), policy (e.g., primary seat belt laws, drunk driving legislation, licensing, speed limits, graduated drivers licenses) and cultural norms (e.g., Mothers Against Drunk Driving). This comprehensive, collaborative approach saved lives without taking cars off the road - it simply made car and driver safety a priority.

At the University of Michigan's Institute for Firearm Injury Prevention, we are carrying this approach forward in our efforts to decrease firearm injury and death across the country. This public health crisis is preventable, affects all communities and causes immense burden and lasting impacts on individuals and systems everywhere.

As the Institute finishes its fifth year, our teams remain steadfast in our mission to study, evaluate, share and implement evidence-based solutions to this significant challenge. We are working to bring forward tangible solutions and to build the next generation of scholars who will carry this work forward. Since its launch in 2021, the Institute has focused on building and strengthening the field of firearm injury prevention research, providing educational and training opportunities for learners at all levels.

We have also been working diligently to expand data collection and storage, which has historically been a key barrier for researchers in this space. Improving access to knowledge and information is a crucial component of our approach to decreasing firearm injury and death.

Over the past five years, the Institute has become the most comprehensive firearm injury prevention research center in the nation. Our team includes experts from across 16 different

academic disciplines at the University of Michigan and we have established strong partnerships with community leaders, firearm owners, policymakers and other leading research institutions.

As we reflect on our previous years, we are inspired by our collective efforts and appreciative of the support we have received to do such impactful work. We remain hopeful that the Institute will continue to serve as a model for breaking down silos, partnering with a varied group of stakeholders and addressing society's most pressing challenges through research-based solutions.

We enter our sixth year carrying the momentum of each year before this one, and look forward to continuing the progress we have made alongside all of our partners, team members and supporters.



Patrick Carter, M.D.
Director, Institute for
Firearm Injury Prevention



Marc Zimmerman, Ph.D.
Associate Director, Institute
for Firearm Injury Prevention

As always, we thank our donors for their continued support, our colleagues for their continued dedication and our communities for their partnership and engagement in these efforts. Together we can save lives and have thriving communities.

Overview of the Institute

Background Firearm-related injuries result in more than 45,000 deaths annually in the United States. By harnessing research, partnering with various communities and supporting scholarship, this societal challenge can be effectively addressed.

Strategies and potential solutions must be comprehensive and multi-faceted, addressing firearm-related injury in multiple ways at all stages of the issue. To achieve this, the Institute explores firearm injuries across the lifespan, including suicide, community violence, unintentional injuries, intimate partner violence, school and mass shootings and peer and police violence.

Focus Areas for Research and Scholarship The Institute's multidisciplinary teams lead the field in developing and testing evidence-based programs to reduce and prevent firearm-related harms. Current projects focus on reducing firearm harms caused by:



▶ Community Firearm Violence



▶ School Violence



▶ Intimate Partner Firearm Violence



▶ Firearm Suicide



▶ Mass Shootings



▶ Unintentional or Accidental Firearm Injuries



▶ Officer-Involved Shootings

Another critical component of the Institute's approach is ensuring all who wish to address this challenge with evidence-based solutions have a seat at the table. To achieve this, the Institute has formed an external stakeholder committee. Its members include firearm owners, religious and school leaders, law enforcement and rural and urban community groups to ensure the Institute includes multifaceted, nonpartisan perspectives beyond academia. Our internal advisory committees also provide guidance on strategic priorities and support collaboration across disciplines.

The Institute fosters research that is mindful of the critical social and historical context of firearms in the United States, and encourages different viewpoints, disciplinary perspectives and approaches. As the national hub for firearm research, the Institute drives new solutions to this public health crisis.

The Institute for Firearm Injury Prevention:



▶ Generates actionable research to reduce and prevent firearm injury and death



▶ Develops innovative evidence-based programs and scholarship



▶ Collaborates with communities most affected by firearm harms



▶ Catalogs and mobilizes relevant data to inform new solutions



▶ Evaluates new and existing policy solutions

Highlights of the First Five Years



► Implements programs and provides technical assistance in each of Michigan's **84** counties and across all **50** states to advance evidence-based solutions for reducing firearm harms.

► Received **\$60 million+** in new firearm-related funding to expand programs of research across Michigan and throughout the United States.



► Provided testimony for multiple state and federal committee hearings on firearm-related policies.



► Provides training and technical assistance to **400+** Michigan schools and school safety organizations and **7,000+** schools and school safety organizations nationwide to improve school safety and reduce school shootings.

► Provides support for communities and partners in understanding and implement-



ing secure storage and Extreme Risk Protection Order policies through training, technical assistance and the creation of digital resources and toolkits.



► Institute faculty from the School of Public Health, Michigan Medicine, Social Work, Nursing and other disciplines across campus have helped disseminate knowledge through **1,100+** interviews, press releases and media mentions.

► Established (and are currently leading) the Community Firearm Violence Prevention Network, the National Institutes of Health’s largest funding investment to date, to evaluate new programs being implemented to reduce firearm violence in communities and healthcare settings nationwide.

► Hosts the **1st** ever federally-funded post-doctoral training program focused specifically on training the next generation of researchers on the prevention of firearm injuries, with **11** trainees successfully completing the program.



► Developed and hosts a real-time statewide surveillance system of firearm incidents across Michigan to help guide public health responses.



► Launched and hosts the most comprehensive evidence-based firearm injury prevention online course to date, which includes **37+** hours of education for researchers, practitioners, students and the broader public.



► Maintains the largest existing national firearm data repository in the country, with **100+** data-sets accessible to researchers nationwide to generate new knowledge to address firearm injury.

► Published **250+** firearm-related publications, helping to disseminate knowledge within and outside the research community.

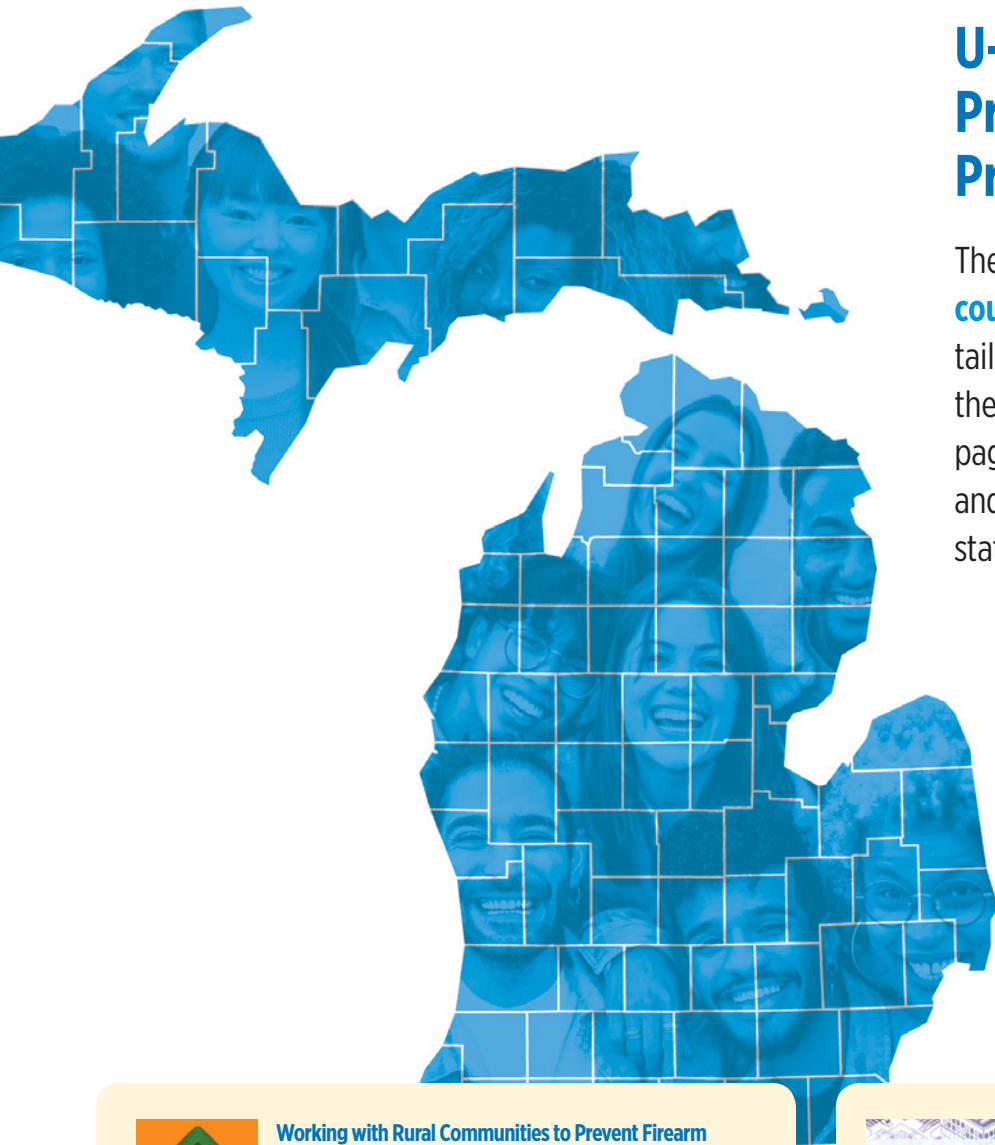
[Building a Transdisciplinary Team to Prevent Intimate Partner Homicide: A Research Note](#)

[Firearms Availability Among High-School Age Youth With Recent Depression or Suicidal Thoughts](#)

[More is Not Always Better: Examining the Cumulative Effects of School Safety Policies on Perceptions of School Safety for Youth of Color](#)

MAY, 2023

A Resource for the State



U-M Firearm Injury Prevention Research Projects Across Michigan

The Institute is working in **all 84 Michigan counties** to address firearm injury through tailored strategies. Some of the projects from the past five years are highlighted on these pages. More information on the breadth and scope of the Institute's work happening statewide can be found on our website:



Working with Rural Communities to Prevent Firearm Suicide and Unintentional Injury Among Children & Teens

► **Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft Counties**

Ensuring firearms are stored securely and used correctly is a critical piece of preventing firearm injury and death. The Institute has been working with community members to develop and implement a new firearm safety education program for rural, firearm-owning families in Michigan's Upper Peninsula. This project, Store Safely, is a collaborative effort - bringing together local public health practitioners, local business owners, law enforcement officials, K-12 school personnel, suicide prevention specialists and local firearm owners. The program works to tailor firearm safety strategies for families living in rural communities and consists of a four step online process that provides tools and resources to prevent firearm injuries and misuse among children and teens. A main focus of the project is to work closely with firearm owners to ensure their reasons for owning a firearm are valued and honored while also providing evidence-based safety strategies.



Reducing Youth Risky Firearm Behavior Through Hospital-Based Violence Intervention Programming

► **Saginaw, Flint**

Emergency Department visits can serve as an opportunity to work with youth at risk for violence before they experience a violent injury. The Institute led an Emergency Department study in Flint and Saginaw that engaged with youth and young adults that reported they carry firearms and provided one-to-one counseling during and after their hospital visit. This counseling approach focused on discussions around why and how to reduce the individual's involvement with risky firearm behaviors. Counselors worked collaboratively with patients to identify resources and services in the community that could help them meet their goals and safety needs, and assisted in connecting the patients with these services. Counseling sessions were supported by a smartphone application to enhance communication and link youth to services in their community. This program, which was funded by the Centers for Disease Control and Prevention (CDC), was found to reduce risky firearm behaviors, other violence outcomes (e.g., violent injury), substance use, mental health issues and criminal justice outcomes when evaluated - providing a new evidence-based solution for our communities.



"Paint by Numbers" by Jesse Kassel, 2017

Understanding the Relationship between Public Art, Community Engagement, and Reducing Firearm Violence

► Detroit

In partnership with the National Endowment for the Arts, this project built on the Institute's prior work in environmental and place-based interventions. A main goal of the project was to understand the role of the arts and humanities in improving health and well-being by promoting community factors that protect youth from firearm violence. Working with community partners and Detroit residents, this project worked to deepen our understanding of relationships between public art and firearm and other interpersonal violence, and support community engagement via public art projects.



Increasing Help-Seeking Behaviors and Improving the Use of the Suicide Crisis Line with National Guard Members

► Detroit Light Guard Armory, Dowagiac Armory, Fort Custer, Jackson Armory, Lansing Armory, Taylor Armory, Ypsilanti Armory

Military personnel are disproportionately affected by firearm suicide, especially in the National Guard where suicide rates are the highest of all Armed Forces. In collaboration with National Guard training weekends, project leaders provided education and training to National Guard members on the national crisis line. The study promoted a peer outreach approach to increase the use of the crisis line among National Guard members and to encourage help-seeking behaviors for themselves and their peer soldiers during periods of elevated risk.



Working with Michigan Schools to Improve School Safety and Prevent Violence

► Statewide

Funded by the State of Michigan, the Michigan School Safety Initiative (MSSI), housed at the Institute, works with Michigan schools to improve school safety and prevent violence. The team provides free, one-on-one technical assistance on school safety initiatives to all Michigan K-12 schools, distributes evidence-based tools and resources to schools and school safety professionals and evaluates school safety initiatives implemented in Michigan. MSSI also conducts school safety needs assessments and develops and presents school safety information to audiences statewide. All activities of the team are designed to raise awareness of evidence-based safety strategies to help school communities choose programs and strategies that best fit their needs and unique environments.



Supporting Communities Through Evaluating Statewide Violence Prevention Efforts

► Saginaw, Inkster, Lansing, Detroit, Muskegon, Marquette, Pontiac, Houghton, Kent County, Berrien County, Washtenaw County, Wayne County, Muskegon County

In 2023, the Michigan State Police received federal funding to prevent or reduce crime and violence, with a particular focus on firearm violence. The funding also focused on initiatives that address the risk factors that are likely to lead to firearm violence. In partnership with Michigan State Police, the Institute works to measure the effectiveness of this prevention program. In addition to developing and leading an evaluation plan for community programs and strategies, Institute faculty and staff provide community needs assessments to determine high-risk locations for firearm incidents across the state. Institute teams also provide project implementation support to communities identified by the Michigan State Police, monitor and report progress to communities disseminate findings. Institute teams are currently working in cities and counties across the state, as well as with a statewide association, on projects relating to juvenile justice, secure storage, Extreme Risk Protection Orders, conflict resolution and behavioral threat assessment training in healthcare and school settings.



Providing Support and Partnership for State-Level Firearm Injury Prevention Work

► Statewide

Over the past five years, the Institute has partnered with state agencies to provide support for state-level firearm injury prevention programming, policy and activities. This has included providing programmatic, research and implementation support to the Governor's Task Force for Gun Violence Prevention. Through this work, the Institute team convened more than 100 individuals from multiple sectors (non-profit, government, schools, community members, law enforcement, advocacy organizations, etc.), representing all regions of the state. These partners provided input to the Task Force's work and supported the Task Force in developing a set of evidence-based recommendations and implementation strategies to reduce firearm injury and deaths in Michigan. The Institute team is currently supporting the Task Force in implementing these recommendations. Additionally, the Institute has partnered with state agencies to aid and advance the implementation of firearm safety legislation and policies and improve data collection, management, analysis and evaluation of firearm injury incidents. Our team also provides expertise on other issues related to firearm injury prevention and manages and delivers state-supported prevention programming. Taken together, this work highlights the successful ways academia can support and partner with state agencies to optimize resources, leverage expertise and sustain programs and activities.

Serving as a Resource for Michigan's New Firearm Safety Laws

The University of Michigan Institute for Firearm Injury Prevention serves as a resource for the state – sharing information and resources on these new laws, providing training and technical assistance on effective implementation and conducting evaluations to ensure the laws are having the intended effect of reducing firearm injury and death in Michigan.

In 2023, Michigan passed a series of comprehensive evidence-based firearm safety laws, the most significant changes to firearm-related policies in the state in more than 30 years.

These laws include an Extreme Risk Protection Order (ERPO or red-flag) law, a secure storage law, an updated background check law and a domestic violence misdemeanor firearm possession prohibition.

Michigan Firearm Law Implementation Program (M-FLIP)

Extreme Risk Protection Orders (ERPOs), also known as red flag orders, are a tool to prevent firearm violence, including mass shootings, suicides and firearm-involved assaults. These laws create a civil court process to file a petition to temporarily prevent someone deemed to be at risk of harming themselves or others from purchasing or possessing firearms. When implemented properly, ERPOs have shown to be life-saving measures by restricting access to firearms during moments of crisis.

In an effort to support the use and implementation of Michigan's new ERPO law, the Institute was funded by the State of Michigan to develop and operationalize the Michigan Firearm Law Implementation Program (M-FLIP). M-FLIP provides free resources and materials, team and individual trainings and technical assistance to help Michiganders understand and implement our state's firearm safety laws, with particular emphasis on the new ERPO law. The team provides these services to law enforcement agencies, court and judicial personnel, healthcare providers, school personnel, community-based organizations and anyone else that interacts with the laws. The M-FLIP website includes information on:

- ▶ The process for filing an ERPO
- ▶ Who can file an ERPO petition
- ▶ When it is appropriate to file an ERPO petition
- ▶ What someone should do if they are served an ERPO

Additionally, the Institute team is conducting statewide evaluations to ensure the firearm safety laws are having the intended effect of reducing firearm injury and death in Michigan.



Access the M-FLIP website here:



Michigan's Other Firearm Safety Laws

The Institute also provides resources, educational material and training and technical assistance for the secure storage, updated background check and domestic violence misdemeanor firearm possession laws. Additional information can be found on the Institute's website: <https://firearminjury.umich.edu/mi-firearm-laws/>

Providing Real-Time Firearm Incident Data in Michigan

A key barrier to addressing firearm injury in the United States and Michigan is the lack of timely information needed to make data-driven decisions for resource allocation and intervention support.

Near real-time data about firearm incidents can help inform public health and public safety response efforts by identifying sites for place-based interventions and providing a timely basis for evaluating ongoing activities. This information is critical for making resource allocation decisions, such as facilitating access to services for those living in areas with violence spikes or providing suicide prevention strategies and resources.



Real-Time Firearm Incident Dashboard

To meet this need, the Institute created and hosts a web-based statewide dashboard (Michigan Firearm Injury Near Real-Time Data System (Mi-FINDS)) for firearm injury incidents to help guide the public health response to firearm injury and death in Michigan.

Public health and public safety practitioners across the state can access this interactive dashboard, which maps firearm incidents in near real-time (i.e., daily).

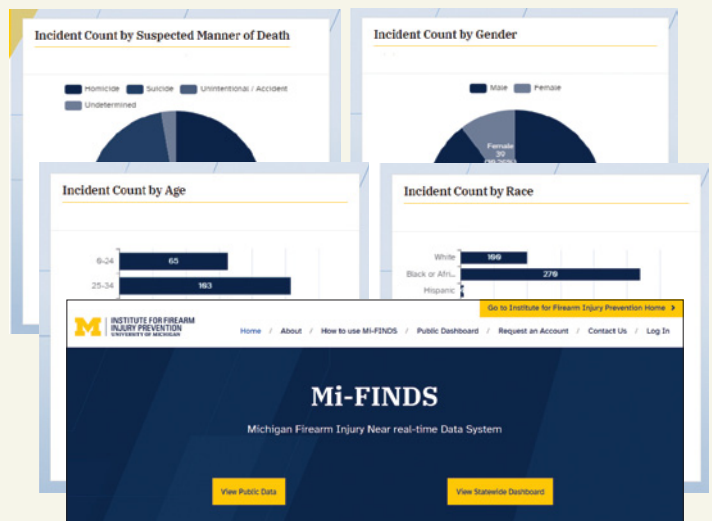
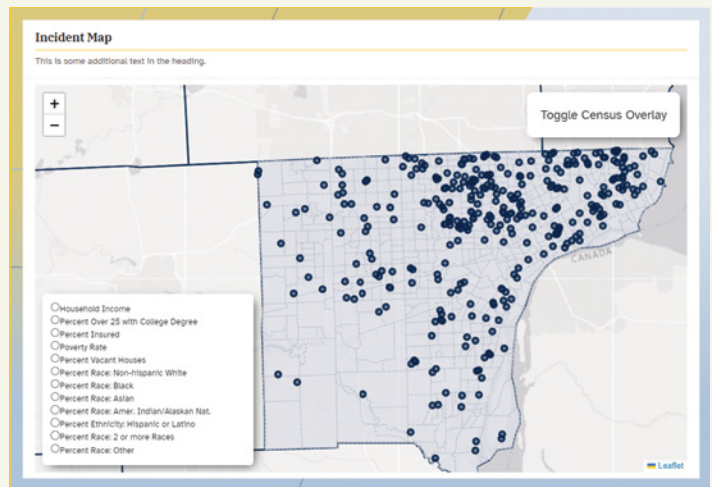
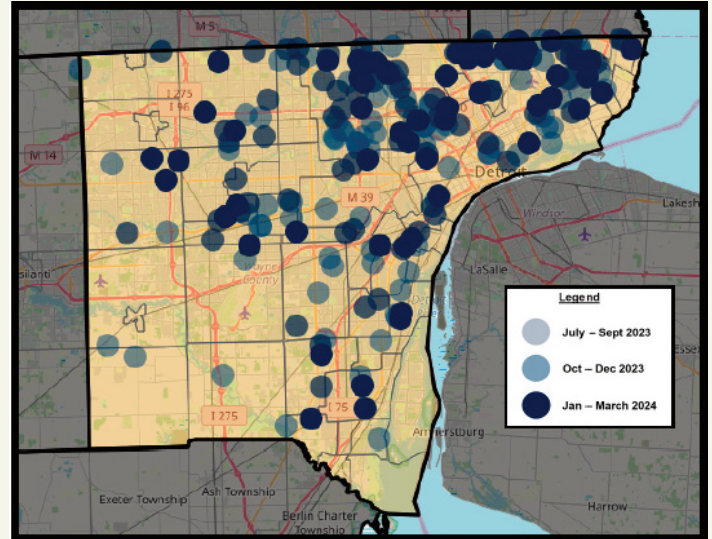
Users can select a timeframe to tailor visualizations or generate printable reports. Data summaries can be customized by demographics (e.g., age range; sex) and manner of death (e.g., homicide; suicide) with an option to overlay place-based data (e.g., census).

Currently, the dashboard utilizes mortality data obtained from medical examiner partners from 61+ counties across the state, with plans to incorporate data from all Michigan medical examiners as well as non-fatal firearm data in the near future.

Access Mi-FINDS here:



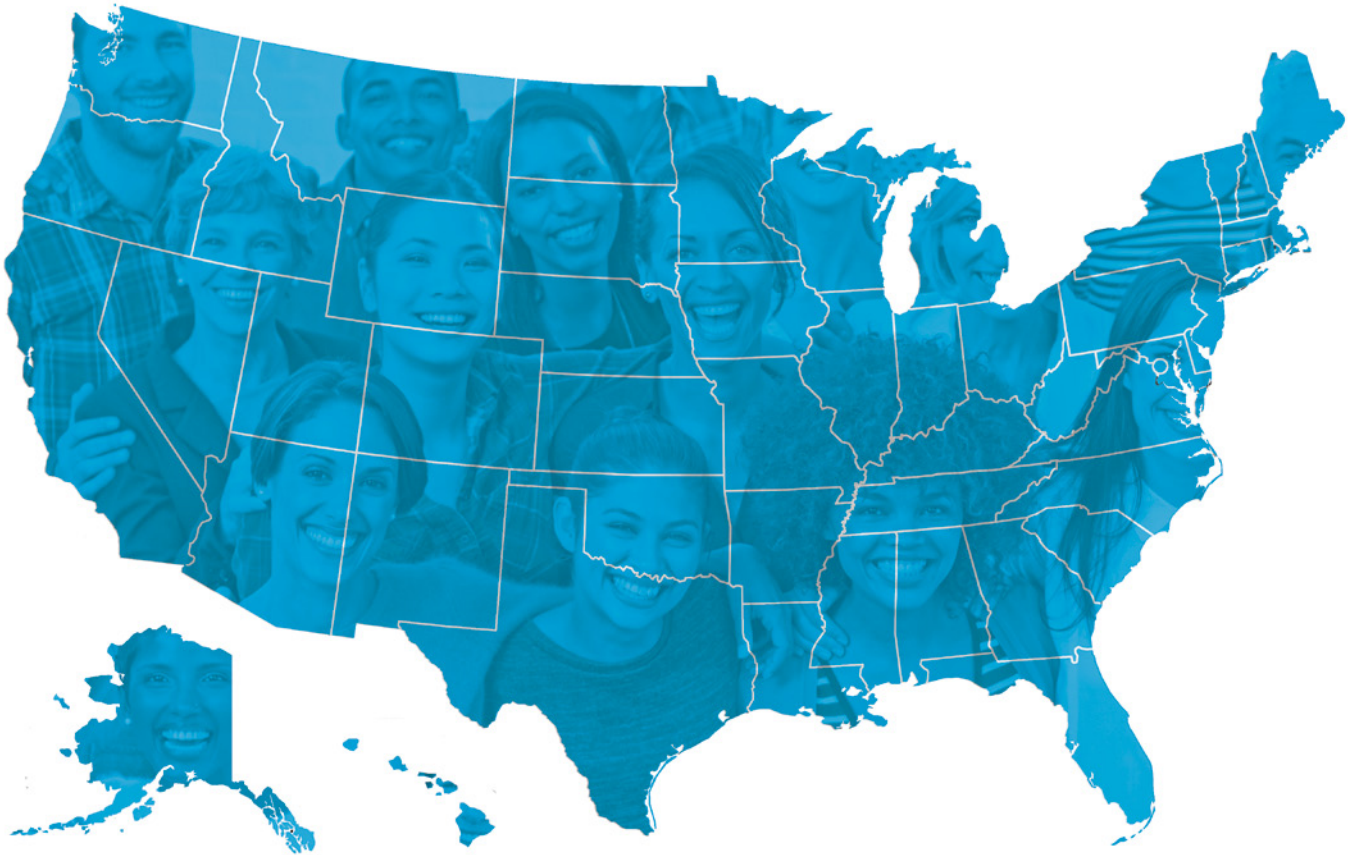
Examples of dashboard screenshots:



A Resource for the Nation

U-M Firearm Injury Prevention Research Projects Across the United States

The Institute for Firearm Injury Prevention is a national leader in conducting firearm injury prevention research. Our team works with communities **in all 50 states** to provide support for firearm injury and violence prevention efforts. Some of the projects from the past five years are highlighted here.



Youth Violence Prevention Center: Building Evidence for Firearm Violence Prevention

► Michigan, Washington, D.C.

The Michigan Youth Violence Prevention Center (YVPC), is one of the five Centers of Academic Excellence funded by the Centers for Disease Control and Prevention in the United States. The YVPC works in partnership with two communities to study the implementation and effectiveness of two distinct strategies for firearm violence prevention. In Muskegon, Michigan, the Center is implementing SafERteens, an evidence-based brief intervention program designed to reduce youth violence, across 6 clinical-settings (emergency department, primary care office, etc.) to determine the effectiveness of the program in reducing firearm violence. In Washington, D.C., the Center is working with the TRIGGER Project, which engages youth in employment, social and emotional learning and civic learning and leadership to raise awareness of the root causes of firearm violence in their communities. Institute and YVPC teams have partnered with project leaders to study best practices around implementation and evaluation of the program. In 2024, members of the YVPC hosted and participated in the first annual Youth Learning Exchange event in Washington, D.C. The Exchange brought together youth advisory board members from Muskegon, MI and Washington, D.C. to begin initial planning for collaborative firearm injury prevention projects and campaigns.

More information on the breadth and scope of the Institute's work happening nationwide can be found on our website:





Leading the NIH Firearm Violence Prevention Coordinating Center to Provide Technical Assistance and Scientific Expertise to Research Projects Across the Nation

► Michigan, Illinois, Mississippi, Washington, D.C., Arkansas, Texas

The Institute houses the Coordinating Center for the Community Firearm Violence Prevention Network, which represents the NIH's largest investment to date in developing and evaluating community-oriented programs focused on reducing firearm violence outcomes. The Coordinating Center is funded to lead this Network, providing support to NIH-funded projects nationwide, including assistance with research design, community-based participatory research methods and statistical analysis. The Institute is also harmonizing data collection across these projects to allow for cross-site research, enhancing the potential impact of the Network to generate new solutions to reducing firearm violence. Currently, the team is working with funded projects in Washington, D.C., Illinois, Mississippi, Michigan, Arkansas and Texas.

Family Safety Net: Developing a Suicide Prevention Approach to Enhance Safe Firearm Storage in Rural Alaska

► Alaska

Rural Alaska Native communities are disproportionately affected by youth suicide, with 60 percent of Alaskan Native suicides resulting from firearms. Partnering with local tribal leaders, this project is developing and testing a family-centered suicide prevention approach that is implemented through primary care clinics in remote Alaskan villages and addresses the need for locked storage of household firearms. Initial results from this project indicate that the family-centered approach was well received, and may increase secure firearm storage practices that can reduce firearm-related suicides, providing Alaskan-Native communities with evidence-based solutions.

Conducting Policy Evaluation to Understand the Implementation, Impact and Effectiveness of Firearm Safety Policies

► Nationwide

Institute faculty members evaluate firearm safety policies state- and nationwide to understand the implementation, impact on health and wellbeing and effectiveness of firearm-related policies. This work has included evaluation on Extreme Risk Protection Order (ERPO) law use across six states—California, Colorado, Connecticut, Florida, Maryland and Washington, evaluation of child access prevention storage laws' influence on firearm storage behaviors across 47 states and evaluation of the time interval between a firearm's retail sale and its recovery in a crime to understand firearm trafficking patterns in the U.S. These studies and others conducted by the Institute seek to inform improvements to future policies and legislation and reduce firearm injuries and deaths.



Providing Expertise for National Advisory Groups on the Impact of Active Shooter Drills on Student Health and Wellbeing

► Nationwide

Active shooter drills have become a standard practice in nearly all U.S. schools, yet their potential impact on students and educators has received limited evaluation. Institute faculty member, Dr. Justin Heinze, participated in a National Academies of Sciences, Engineering, and Medicine Committee that explored how these drills are conducted and how harm from these drills can be reduced, while also supporting school safety. The resulting report from the Committee underscores that developmentally appropriate, trauma-informed practices are essential, and drills involving realistic simulations or deception should be avoided entirely. The Committee report also outlines actionable recommendations for state and local policymakers, school leaders, researchers and federal agencies. It also calls for national guidance and sustained research to strengthen the evidence base and help schools foster safe and supportive learning environments.



Examining Anonymous Reporting System Data to Prevent Youth Suicide and Firearm Violence

► North Carolina

Anonymous and confidential reporting systems (ARS) are widely implemented in the United States, with more than 50 percent of schools having access to at least one reporting system. ARS and related school-based tip lines are designed to facilitate student sharing of concerning or suspicious behaviors by eliminating barriers to reporting (such as the social cost of 'tattling'), supporting students' self-efficacy to correctly identify and report a threat and creating norms around school safety. This project analyzes school-based anonymous and confidential reporting system submissions in North Carolina to characterize the types of tips reported, what factors influence student tip submissions and content and whether exposure to training influences tip behavior and content, with the goal of improving ARS systems nationwide.

Identifying Youth at Risk of Experiencing Future Firearm Violence to Improve Access to Resources and Interventions

► Seattle, Philadelphia, Flint

Institute researchers have developed and tested a screening tool for identifying youth at risk for experiencing future firearm violence. The SaFETy (Serious fighting, Friend weapon-carrying, community Environment and firearm Threats) score is the only free resource of its kind. It uses four items and a 10-point scale to specifically identify firearm violence risk among young adults and youth. Institute researchers validated the screening tool in emergency departments in Seattle, Philadelphia and Flint, finding that it accurately predicts the risk for future firearm violence in young adults seen for any reason in the emergency department. By evaluating, tailoring and utilizing tools like the SaFETy score, healthcare settings can better identify young adults and youth in crisis and, therefore, increase opportunities for intervention and expand access to support and resources.

School Safety Initiatives & Programs

The Institute for Firearm Injury Prevention is dedicated to supporting schools and communities with evidence-based school safety strategies, resources and programs and training and technical assistance. Highlighted below are some key initiatives and programs housed within the Institute.

National Center for School Safety

The National Center for School Safety (NCSS) supports school safety teams across the country with training, resources and evaluation support. While the NCSS offers a wide range of services to the field, its primary projects include:



The Students, Teachers, and Officers Preventing (STOP) School Violence Training and Technical Assistance (TTA) Provider

The Bureau of Justice Assistance-funded STOP School Violence Training and Technical Assistance Program provides support to grantees throughout the United States that are implementing school safety projects. This includes step-by-step implementation support, tailored training opportunities, expert referrals and small group peer-to-peer learning. Grantees include schools, districts, mental health agencies, community-based organizations and state, local and tribal agencies. The STOP TTA team is composed of national leaders with expertise in school safety research and practice, and provides training on topics such as comprehensive school safety plans, coordination with first responders, mental health, notification technology, school climate, school-based law enforcement and behavioral threat assessments. More information can be found at <https://www.nc2s.org/>.



Michigan School Safety Initiative

In 2023, the Institute launched a statewide initiative to enhance school safety and prevent school violence, including school shootings. The Michigan School Safety Initiative, funded by the State of Michigan, is available to all K-12 schools in the state. Institute faculty and staff provide training and technical assistance to district



leadership and staff regarding evidence-based best practices such as social-emotional learning, behavioral threat

assessments and related screening programs and trauma-informed responses. Additionally, the Institute conducts comprehensive needs assessments of Michigan schools and evaluates the effectiveness of existing school safety actions. More information on this program, including resources available to all communities, can be found at <https://www.nc2s.org/mssi/>.



YES Training Program

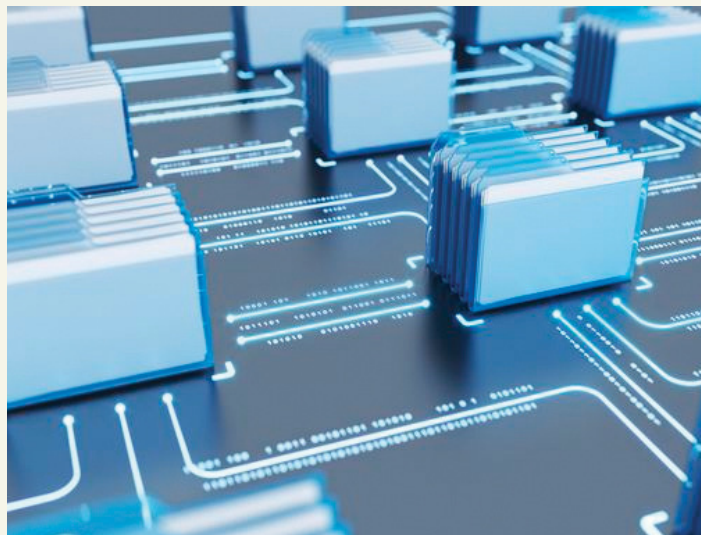
Youth Empowerment Solutions (YES), an evidence-based program hosted at the Institute, is designed to help middle and high school aged youth become active participants and leaders in addressing violence through youth empowerment and community engagement. In 2024, through funding from the John Mohme Foundation, YES developed a Self-Paced Online Training, which helps future group leaders become more confident in teaching, adapting and evaluating the program. The training, approved for 10 continuing Social Work education contact hours, is available here: <https://myumi.ch/VGDDj>.

Supporting Data Collection & Evaluation

The Institute for Firearm Injury Prevention supports the data and evaluation needs of researchers and communities. Highlighted below are examples of programs the Institute currently conducts to support national and local data and evaluation needs.

The National Firearm Attitudes and Behaviors Study (NFABS)

The National Firearm Attitudes and Behaviors Study (NFABS) examines contextual factors, beliefs and practices surrounding firearms among a nationally representative sample of adults age 18 and over. The cross-sectional survey includes information about firearm ownership and motivation, carriage, healthcare and parent interactions about firearms, recent firearm purchase and storage practices. The web- and paper-based survey seeks to identify risk and protective factors for firearm-related harm. Results from the survey inform the Institute's development of firearm injury prevention programs, advance science in the growing field of firearm injury prevention and expand opportunities for more intensive study of firearm-related injury prevention. Survey data is available to researchers nationwide through our data repository.



Data Repository

The Institute for Firearm Injury Prevention maintains the largest database of publicly available data on firearm-related harm in the United States. Users can browse available data from more than 100 studies and 200,000 variables and sort by subject terms, funding agency, types of analysis, time period, geography and more. The Institute also established a free self-publishing deposit workflow, which provides secure upload of files and a form for describing the deposited data collection. This form and process meets National Institutes of Health requirements for data archiving. Access the repository on the Institute's website: <https://firearminjury.umich.edu/data-reporting/>.

Supporting Programs Through Evaluation

The Institute provides evaluation support to state and local partners to ensure that programs, policies and strategies that seek to reduce firearm injury and death are having their intended effect. This service can provide sustainability to organizations and programs and can leverage existing resources and expertise between the Institute and our partners, including state governments.



Training the Next Generation of Researchers

The Institute is committed to educating and training the next generation of faculty and students

The Institute is focused on providing comprehensive and collaborative learning opportunities such as:

- ▶ The first-ever NIH-funded training program solely dedicated to the study of the prevention of firearm injuries among children and teens.
- ▶ A summer research fellowship training program designed to build greater capacity for conducting firearm injury prevention research among scholars in nursing and allied health fields.
- ▶ A robust summer internship and research program for graduate and undergraduate students.

- ▶ Access to the most comprehensive online training course on the science of firearm injury prevention.
- ▶ Co-organizing and supporting the largest multidisciplinary research conference dedicated to the scientific study of firearm injury prevention – the National Research Conference for the Prevention of Firearm-Related Harms.
- ▶ Providing training and support for junior faculty to move their research forward in the field.

Our NIH-funded postdoctoral program is dedicated to addressing the leading cause of pediatric mortality by providing research training on the prevention of firearm injuries among children and teens.

Postdoctoral Research Fellowship Training

Our postdoctoral fellows and their efforts have already made significant contributions to our understanding of this public health crisis and assisted in the Institute's mission of developing and rigorously testing evidence-based prevention strategies. Since launching the postdoctoral training program in 2022, the Institute has worked with 11 trainees to develop and expand their portfolios of research in the topic areas of firearm-related suicide prevention, youth violence prevention and treatment, intimate partner violence, policy evaluation, high-risk populations, arms trafficking and school safety.

Summer Research Fellowship Training Program

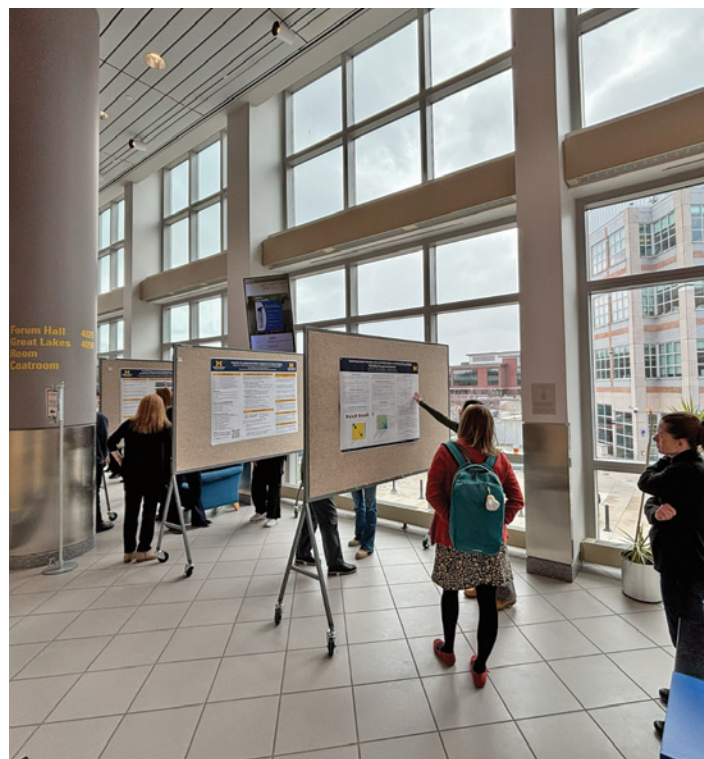
The Summer Research Fellowship Training Program offers a short course opportunity for faculty, postdoctoral trainees, and doctoral candidates in nursing and allied health fields to gain hands-on research experience and mentorship in firearm injury prevention research. Each year, fellows are selected for this 12-week summer training experience that builds interdisciplinary and collaborative research skills through a mix of online and in-person learning. The curriculum is grounded in established clinical and translational research competencies and tailored to support emerging scholars in the field of firearm injury prevention.

Learn more about our training opportunities here:



Junior Faculty Support & Training Support

The Institute also provides training and support to junior faculty members seeking to expand and enhance their careers in the field of firearm injury prevention research. This includes: federal and foundation proposal writing (including federal career development grants), proposal submission, manuscript development and writing and other academic career development opportunities.





The University of Michigan Institute for Firearm Injury Prevention offers paid summer internship positions for University of Michigan graduate, medical school and upper-level undergraduate students to support their development and generate interest in the area of firearm injury prevention.

Research Internship Program for Undergraduate and Graduate Students

The Institute has trained more than 100 interns or research assistant students representing more than 10 U-M schools, including the Taubman College of Architecture & Urban Planning, the School of Education, the School of Social Work, the Gerald R. Ford School of Public Policy, the School of Public Health and the Ross School of Business.

This program highlights the broad reach of the Institute and its cross-disciplinary work, which is critical to generating new ideas and moving forward effective solutions to firearm injury. During their time with the Institute, interns and research assistants gain valuable hands-on experiences to support their future careers and professional trajectories. Interns and research assistants from our program have gone on to work in state and local health departments, research positions, the healthcare field and private business.

Online Course for Learners of All Levels

In 2023, the Institute, in partnership with the FACTS Consortium and the University of Michigan Center for Academic Innovation, launched the most comprehensive, firearm injury prevention online course to date. This course includes contributions from over 35 firearm injury prevention experts from across the United States, and covers a range of firearm injury topics through 37+ hours of training

and interviews, including: firearm-related suicide, unintentional firearm injury, firearm-related community and youth violence, firearm-related intimate partner violence, school and mass shootings and officer-involved shootings. This course is designed for multiple fields and levels of training, including students and researchers from public health, medicine, public policy, social work, nursing, criminology, sociology and psychology. It is also appropriate for practitioners, educators and parents. Learners have the ability to select all modules or individual topics that interest them most, and can learn at their own pace.



As always, we thank our donors for their continued support,
and our colleagues and communities for their partnership
and engagement in these efforts to save lives across
the state, nation and world.



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