

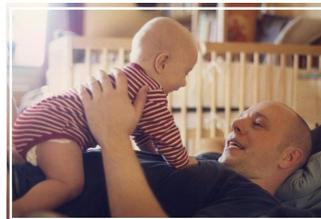


February 2016

## INJURY SPOTLIGHT

### *Child Maltreatment*

*The U-M Injury Center produces bi-monthly injury topic spotlights that include information about a Center member working on the topic, links to local and national resources, and an "Issues and Solutions" sheet.*



For the month of February, the U-M Injury Center is focusing on the prevention of child maltreatment, which includes all types of abuse and neglect. The four most common types of

maltreatment are: physical, sexual, and emotional abuse and neglect.

In 2013, an estimated 1,520 children died of maltreatment in the U.S., a rate of 2.04 children per 100,000. Nearly three-quarters (74%) of child fatalities due to maltreatment were children younger than 3 years old and almost four-fifths (79%) of perpetrators were parents.<sup>1</sup>

In Michigan in 2013, there were nearly 34,000 unique victims of child maltreatment, a rate of 15.1 per 1,000 children compared to the national rate of 9.1.<sup>1</sup>

To learn about prevention strategies including implementing effective evidence-based programs, scroll down for information on February's [issues & solutions sheet](#). Also, visit the Center for Disease Control and Prevention's [webpage](#) additional information on child maltreatment prevention strategies and programs.

**References:**

1. U.S. Department of Health and Human Services, Administration for Children and Families, Administration on Children, Youth and Families, Children's Bureau. (2015). *Child Maltreatment 2013*.

## UPCOMING EVENT

### Lunchtime seminar featuring Maria Muzik, MD, MSc

Join us to hear [Maria Muzik, MD, MSc](#), Assistant Professor in the U-M Department of Psychiatry and Assistant Research Scientist in the U-M Center for Human Growth & Development, share her research in the area of child maltreatment. Her research focuses similarly on the study of stress, trauma, and mental illness in the context of childbearing, and its influence on the developing parent-infant relationship and parenting. In particular, Dr. Muzik lead a NIMH-funded longitudinal study following mothers who are childhood abuse survivors as they enter postpartum, and studies their parenting attitudes and behaviors, and their children's developmental trajectories. Currently, Dr. Muzik conducts research on relationship-based parenting and self-care interventions for high-risk mothers and families with young children.



*Dr. Maria Muzik*

**EVENT DETAILS:**

- When: Wednesday, February 10, 11:30 am-12:30 pm
- Where: University of Michigan School of Public Health, 1415 Washington Heights SPH-I, Room 2610 (see [map.](#))
- Lunch provided to those who register by Tuesday, 2/8. [Register here.](#)
- Webcasting option: If you are unable to attend in person, you may join us via webcast. After you register, you will receive information about how to log in.

## ISSUES & SOLUTIONS

Our [Issues and Solutions series](#) provides information on priority injury topics, paired with evidence-based prevention programs that practitioners can implement.

See February's Issues & Solutions sheet on child abuse and neglect to learn about two effective child maltreatment programs (Nurse-Family Partnership and Triple P - Positive Parenting Program).

Scroll down to find additional links to state and national resources related to the prevention of child maltreatment below.

[CLICK HERE](#) to download or visit [www.injurycenter.umich.edu](http://www.injurycenter.umich.edu).

**INJURY CENTER**  
UNIVERSITY OF MICHIGAN

**Issues & Solutions**

**Evidence-Based Child Maltreatment Prevention**

**Child Abuse and Neglect**

**Michigan Statistics**

In 2013, there were 13,339 unique victims of child maltreatment in MI, a rate of 35.1 per 1,000 children compared to the national rate of 31.1.

In 2013, there were 19 child fatalities due to child maltreatment in MI, a rate of 2.6 per 100,000 children.

A majority (51%) of child maltreatment deaths in MI were associated with a caregiver who had a clinically evident risk factor.

**What is the Problem?**

What does evidence tell us?

- In 2013, an estimated 3,320 children (0-18 years) died of maltreatment (i.e., physical, sexual, or emotional abuse or neglect) as a result of 2,041 children per 100,000 children in the U.S. population.<sup>1</sup>
- Almost three-quarters (73.9%) of child fatalities due to abuse and neglect were children younger than three years old and nearly four-fifths (80.9%) were caused by one or both parents.<sup>2</sup>
- In one year, the estimated lifetime economic burden of child maltreatment cases (fatal and nonfatal) in the U.S. is approximately \$24 billion.<sup>3</sup>

**What Are Some Solutions?**

**Nurse-Family Partnership (NFP)** — [www.nursefamilypartnership.org](http://www.nursefamilypartnership.org)

The Nurse-Family Partnership is a community health program for low-income, first-time moms and their babies. Through ongoing home visits from a registered nurse, from pregnancy until the child's second birthday, moms receive support, care, and guidance, building confidence and parenting skills. The NFP aims to teach positive health and development behaviors between mom and baby.<sup>4</sup> Researchers from the Elmira Trial, a randomized controlled trial with a 15-year follow-up, found a 48% reduction in substantiated reports of child abuse and neglect.<sup>5</sup>

**Triple P (Positive Parenting Program)** — [www.triplep.net](http://www.triplep.net)

The Triple P — Positive Parenting Program is a multi-level system of interventions for parents with children birth to 16 years, and designed to prevent and treat behavioral and emotional problems in children and teenagers. The five levels of interventions are structured to meet the unique needs of parents, children, and specific communities, and range in choice of delivery method and approach.<sup>6</sup> During the post-intervention period of a U.S. Triple P System Trial, researchers found out-of-home placements were 16% lower, hospitalizations and emergency room visits for child maltreatment injuries were 27% lower, and an increase in substantiated child maltreatment cases was 78% lower in counties where Triple P was implemented when compared to control counties.<sup>6</sup>

**Citations**

1. Nurse Family Partnership. Nurse Family Partnership National Service Office. Jan 2016. Retrieved from: <http://www.nursefamilypartnership.org>

2. CDC. Child Abuse and Neglect Statistics. Atlanta, GA: Centers for Disease Control and Prevention; 2015.

3. Long SA, Gelles RR, Widom CS, et al. Long-term effects of home visitation on maternal life course and child abuse and neglect: 19-year follow-up of a randomized trial. *JAMA*. 2012;307(12):1545-1552.

4. Triple P Positive Parenting Program. Jan 2016. Retrieved from: <http://www.triplep.net>

5. Price LC, Sanders MR, McLeod CB, et al. 15-year follow-up of the Triple P System population trial. *Prevention Science*. 2013; 14(1):1-11.

## INJURY PREVENTION EXPERT

### MEMBER HIGHLIGHT: Bethany Mohr, MD, FAAP

Dr. Mohr is the Medical Director of the [University of Michigan Health System Child Protection Team \(CPT\)](#). The UMHS CPT is a multidisciplinary team dedicated to improving the identification and treatment of abused and neglected children. The UMHS CPT promotes the safety and best outcomes for children and families by strengthening and coordinating the community's response to child maltreatment issues.

Dr. Mohr also provides training regarding multiple topics within

the field of Child Maltreatment throughout the region and nationally for medical professionals, as well as child welfare professionals. Dr. Mohr works closely with multiple specialists within the UMHS upon evaluating suspected victims of child maltreatment.

[CLICK HERE](#) to view Dr. Mohr's member highlight on the [U-M Injury Center website](#).



*Dr. Bethany Mohr*

## RESOURCES

### Michigan

- [Child Abuse Prevention and Treatment Act State Plan Annual Update 2014](#). The report from the Department of Human Services for the state of Michigan provides a information on a child maltreatment plan for Michigan in addition to state data.
- [Michigan Child Protection Law](#). Visit the Michigan Legislature website to learn about Michigan's Child Protection Law (Act 238 of 1975).

### National

- [Child Maltreatment: Prevention Strategies](#). Visit the Centers for Disease Control and Prevention's website to learn about evidence-based programs to prevent child maltreatment. Find more information on:
  - [Data sources](#)
  - [Essentials for Childhood](#)
  - [Additional resources](#)
- [Children's Safety Network's Child Maltreatment Prevention 2014 Resource Guide](#). This guide provides resources for child maltreatment prevention including data, reports, toolkits, and programs.
- [U.S. Department of Health & Human Services's 2013 Child Maltreatment Report](#). View

the 24th edition of the annual report on child abuse and neglect to find national- and state-level findings about investigations and assessments, perpetrators of maltreatment, and prevention and post investigation services.

- [University of Michigan Injury Center's Tools & Programs Database](#). This database provides professionals and researchers with convenient access to evidence-based injury prevention programs, databases of evaluated programs and best-practice education materials. Click on the link above to find filtered results specifically on child maltreatment.

### Questions or Comments?

Email us at [UMInjuryCenter@umich.edu](mailto:UMInjuryCenter@umich.edu) or call 734-232-2105

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