



# Poster Dash

Round 1: Data

**Moderator:**  
Stacey Pacenka

**Speakers:**  
Joshua Thomas  
Meena Ramakrishnan  
Rachele Solomon  
Sasha Mintz  
Yoshifumi Nishida

# Housekeeping



- Presenters will each have 5 minutes maximum to preview their poster.
- Each presenter is allowed 1 slide.
- Due to limited time, questions will not be taken during the Poster Dash.
- Attend the Poster Viewing Session to ask questions directly and learn more!
  - 5:15-5:45 pm in the adjacent Maryland Foyer



Joshua Thomas  
Florida Department of Health  
*(no slide)*



# Meena Ramakrishnan

## Maternal & Child Death Review Commission

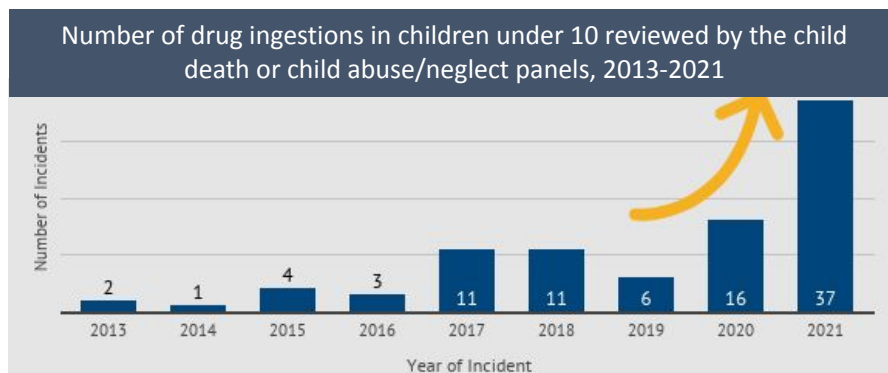


# Increasing Cases of Serious Pediatric Drug Ingestions Reviewed in Delaware 2013-2021

Meena Ramakrishnan

Epidemiologist, Delaware Maternal & Child Death Review Commission  
on behalf of the Delaware Pediatric Drug Ingestion Workgroup

- The annual number of serious pediatric drug ingestions resulting in hospitalization or death increased markedly in 2020-2021 compared to the prior 7 years of incident review, with almost 60% of cases occurring in these last two years.
- In almost all cases where the location of the substance was known, the drug was stored in an unlocked or open area.
- Delaware is embarking on a public education campaign to promote safe storage of drugs out of the reach of children.



**USE THE  
BLUE  
METHOD FOR  
STORING  
DRUGS AND  
MEDICATION**

Behind closed cabinets

Locked away

Up and out of reach & sight

Educate others



Advocacy | Education | Collaboration | Evaluation

The Delaware MCDRC  
**REVIEW & PREVENTION**  
OF MATERNAL AND CHILD DEATHS

# Rachele Solomon

## Memorial Healthcare System



# Prevalence of Risk Factors Associated with Common Pediatric Injuries: A Pilot Study

Rachele Solomon, MPH; Lisa Ngo, MD MPH; Elke Ulloa, PA; Shelique Bailey, PA; Brenda Shaver, MBA MSN RN; Shenae Samuels, PhD MPH; Tamar Levene, MD MS

**Background:** Unintentional injury is the leading cause of death in the United States among children 1-18 years old. Preventable injuries have modifiable risk factors for which screening and intervention in the healthcare setting may play a role.

**Methods:** Screen pediatric surgical patients on common injury mechanisms to evaluate risk. Inpatient screening was done by a healthcare provider and documented in the medical record; outpatient screening was self-reported on a paper survey. Evidence-based countermeasures were provided when appropriate.

## **Results:**

- Preliminary data supports the need for interventions aimed at improving swim ability, helmet use, and access to ingestibles.
- Despite national statistics indicating high prevalence of firearms in U.S. households, 100% of the outpatient population self-reported no firearm access.



# Sasha Mintz

## National Center for Fatality Review and Prevention



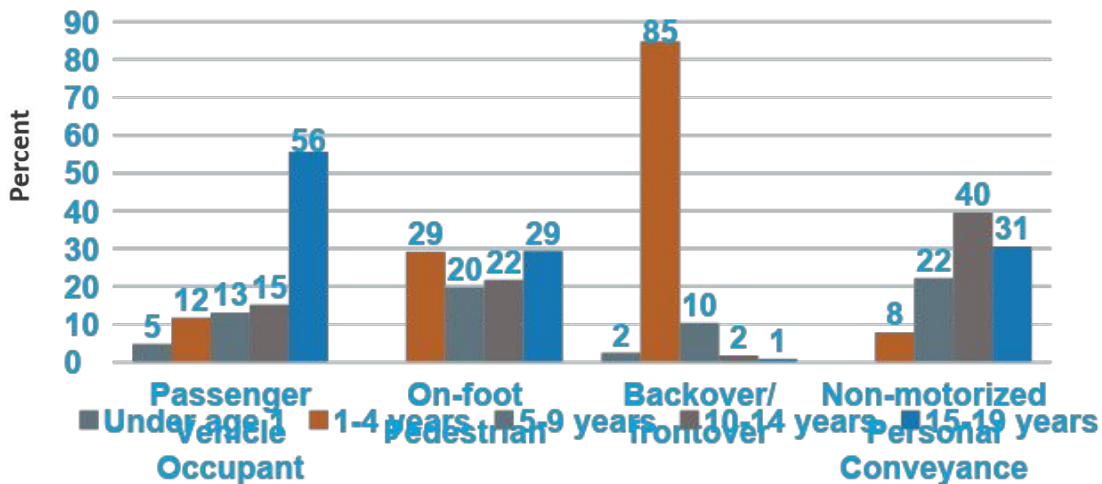


# Learning About Motor Vehicle-Related Deaths Through Child Death Review

Sasha Mintz, MPH, National Center for Fatality Review and Prevention

Children who died during accidental motor vehicle-related incidents were identified from the National Fatality Review-Case Reporting System and categorized into four groups. Notable differences between groups lead to implications for prevention.

### Incident Type by Age Group



# Yoshifumi Nishida

## Tokyo Institute of Technology



# Kindergarten Safety Based on Injury Big Data and AI-Aided Situational R-Map

Masaaki Ozaki<sup>1</sup>, Mikiko Oono<sup>1,2</sup>, Yoshifumi Nishida<sup>1,2</sup>, Tatsuhiro Yamanaka<sup>2</sup>  
<sup>1</sup> Tokyo Institute of Technology, <sup>2</sup> Safe Kids Japan



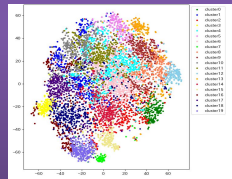
**Background:** A large amount of injury case data (>5 million)  
**Method:** The authors propose

**Result:** authors applied the situational R-map method to 212,236 preschool injury cases in 2018 to 2020 obtain from Japan Sport Council.

## Situational R-Map Analysis.

### Text mining

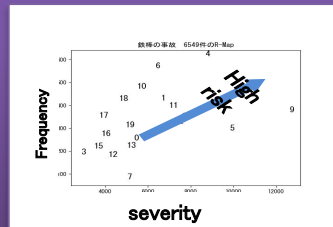
Find injury situation clusters



Integration

### R-Map

Prioritize injury situation clusters



Thank you for attending Poster Dash Round 1!

Don't forget to attend Round 2 (4:40 pm – 5:10 pm)  
and the Poster Viewing Session afterwards (5:15 pm – 5:45  
pm)

