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### Documenting head impacts in youth hockey

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Graniero, Jonathan; Stanley, Emily; Rossi, Julia; Kavanagh, Teanna; and Andrews, Dave, "Documenting head impacts in youth hockey" (2022). *UWill Discover Conference*. 13.  
<https://scholar.uwindsor.ca/uwilldiscover/2022/2022Day1/13>

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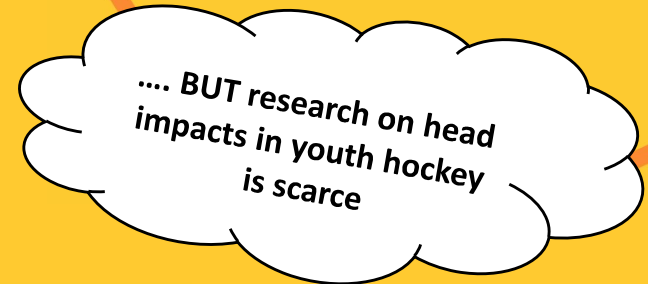
# DOCUMENTING HEAD IMPACTS IN YOUTH HOCKEY



Emily Stanley, Julia Rossi, Jonathan Graniero, Teanna Kavanagh, Emily Roberts, Dave Andrews, PhD

## WHY

- 200k concussions reported annually
- 500k minor league hockey players registered annually
- Hockey has 2x the concussion rate of football

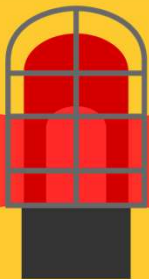


Using a multi-camera video system, games will be recorded at a local rink to collect and quantify the following data:

- Head impact type, frequency, location
- Player anticipation
- Head velocities and impact severity



## FUTURE GOALS



It is hoped that our research findings will provide a basis to establish intervention that will reduce head injury rates, including:

- Concussion education
- Training in bodychecking anticipation
- Rule changes

As youth athletes are more susceptible than adults to detrimental physiological consequences of concussions, these awareness, and prevention interventions are imperative



**HIRT**hockey