

Interdisciplinary Network for Group Research (INGROUP)

Second Annual INGROUP “HACKmanATHON”

CALL FOR SUBMISSIONS

Thirteenth Annual Conference

18-21 July, 2018

Hyatt Regency Bethesda, Maryland, USA

To respond to INGRoupers desire for the conference to be more interactive and interdisciplinary, and to strengthen ties between academics and practitioners, we introduce the Second Annual HACKmanATHON. This element to the program is modeled after the “hackathon” -- a creative problem-solving session constrained to a relatively short time period – and is named in honor of a major figure in our field who applied theory and problem-solving to address wicked problems involving groups--J. Richard Hackman.

The theme for the 2018 INGROUP HACKmanATHON is:

“Managing Violence Against First Responder Teams”

Problem Summary

Violence is a major occupational challenge confronting the field of Emergency Medical Services (EMS). Violence against EMS responders has been recognized as an occupational hazard since the 1970s, and recent incidents are evidence that the problem has not abated. Incidents of violence in which firefighters and EMS responders have been injured or killed have captured national attention. Some headlines that captured the media attention are outlined below:

Jan. 20, 2016: **Denver fire chief stabbed near station**, Denver, Colorado

Jan. 22, 2016: **Ark. firefighter shot, killed on EMS call**, Pulaski County, Arkansas

Feb. 5, 2016: **Hepatitis C-infected patient spits blood into EMT’s eye**, Arcade, Georgia

Feb. 9, 2016: **Chicago medics attacked by couple**, Chicago, Illinois

April 8, 2016: **Texas man bites, hits paramedic with guitar**, Corpus Christi, Texas

April 15, 2016: **Firefighter fatally shot, second wounded in Prince George's**, Baltimore, Maryland

April 18, 2016: **Man revived with Narcan, grabs EMT's testicles**, Red Lion, Pennsylvania

April 21, 2016: **Disoriented man attacks paramedic after car crash**, Seattle, Washington

March 16, 2017: **Man fractures paramedic's rib after assault in ambulance**, Phoenix, New York

March 16, 2017: **EMT run over, killed by man driving stolen ambulance**, New York, New York

November 2, 2017: **Teen arrested for punching EMT in the face**, Wichita Falls, Texas

December 23, 2017: **Wash. Man Assaults First Responders on Scene of House Fire**, Spokane, Washington

January 2, 2018: **Disgruntled driver jumps into ambulance, nearly dragging patient**, Silver Spring, Maryland

January 20, 2018: **NJ woman gets probation for knocking EMS provider unconscious**, Kutztown, Pennsylvania

February 13, 2018: **Man arrested for shattering ambulance window with rock**, Cincinnati, Ohio

February 20, 2018: **Man arrested for putting paramedic in chokehold**, Volusia County, Florida

March 8, 2018: **Police investigating after Md. Ambulance struck by bullets**, Baltimore, Maryland

And this is where INGRoup and the HACKmanATHON come in!

We believe that bringing together EMS responders with teams and team dynamics researchers in an INGRoup HACKmanATHON may uncover new ways to mitigate, reduce, and eliminate (in some cases) violence against first responder teams. HACKmanATHON teams should consider both the organizational and environmental constraints. They may want to consider the MTS in which these responder teams are embedded, though this is not required for the final proposed approach/solution. The hope is that between the teams experts and the EMS responder experts, new and novel potential solutions may be identified.

Program Schedule

Thursday, July 19. The HACKmanATHON will begin with an orientation session in the morning, lunch break, and a work session in the afternoon. The orientation session will include description of the problem of managing and mitigating violence against first responder teams, including how this is a team and multi-team system issue. **In this session, teams will be given the specific task-related challenge they are to address.** The overall schedule and rules of participation will be reviewed as well. During the work session in the afternoon, teams will have time to begin discussing ideas of their approach to this challenge. This will include time with SMEs from the fire service who can provide context details necessary to assist with idea development.

Friday, July 20. Teams will be assigned, **and limited to**, specific work sessions throughout the day. A **rule of participation** is that **HACKmanATHON work is permitted only during these designated sessions.** The work sessions will be concurrent with regular sessions and scheduled such that team members will not have conflicts with presenting in other sessions.

Saturday July 21. A working breakfast in the morning will allow teams to finalize their solutions to be presented at an all-conference plenary session in the afternoon. The winning team will be determined by voting of conference attendees.

HACKmanATHON team members are expected to be present for all of these sessions. Please note that participation in this event will not count toward the limit of no more than two submissions to the program.

For questions or further information please contact the Program Chair, [Joseph Allen](mailto:josephallen@unomaha.edu) at josephallen@unomaha.edu.

Submission Instructions

SUBMISSION DEADLINE IS MAY 1, 2018 23:00 EDT

You may submit either a **core team**, or as an **individual** to be added to a team. Details below:

Submitting a core team

Participants interested in forming and captaining a team should submit the names of no more than four people to form the core of the team. A minimum of two different disciplines must be represented in this core team, and teams are strongly encouraged to include at least one student member. The conference program committee will assign additional members to each team, for a maximum of 6 members. Core teams that were selected and participated in the previous year's HACKmanATHON will not be considered for the current year's event.

Submissions should be 900 – 1,500 words. They should describe each member's discipline and contributions to the team with respect to the HACKmanATHON theme, and include a statement of commitment from each person on the core team to participate in all parts of the activity.

Please also identify each member's institution and academic/professional status (e.g., professorial rank; student; post-doc; professional, etc.), and who will be the team captain.

Submitting as an individual

Submissions should be no more than 500 words. Individuals interested in being added to a core team should submit description of their background and what they believe they could contribute to a team with respect to the HACKmanATHON theme, and include a statement of commitment to participate in all parts of the activity if added to a team. Be sure to identify your institution and academic/professional status (e.g., professorial rank; student; post-doc; professional, etc.). Individuals that were selected and participated in the previous year's HACKmanATHON will not be considered for the current year's event.

Send all submissions via email to Joseph Allen, INGRoup Program Chair, 2018 at josephallen@unomaha.edu by May 1, 2018, 23:00 EDT.