# EAGER: Defending Against Visual Cyberbullying Attacks in Emerging Mobile Social Networks

## Challenge:

- Cyberbullying has become widely recognized as a serious social problem
- All state-of-the-art studies in automatic cyberbullying detection largely overlooking the misuse of visual media in cyberbullying

## Solution:

- This project is designing and developing a systematic solution for automatic detection of and intervention in visual cyberbullying attacks
  - Design a cross-feature classifier for automatic visual cyberbullying detection
  - Build an adaptive cyberbullying intervention system to continuously monitor cyberbullying

**Apprach Overview**
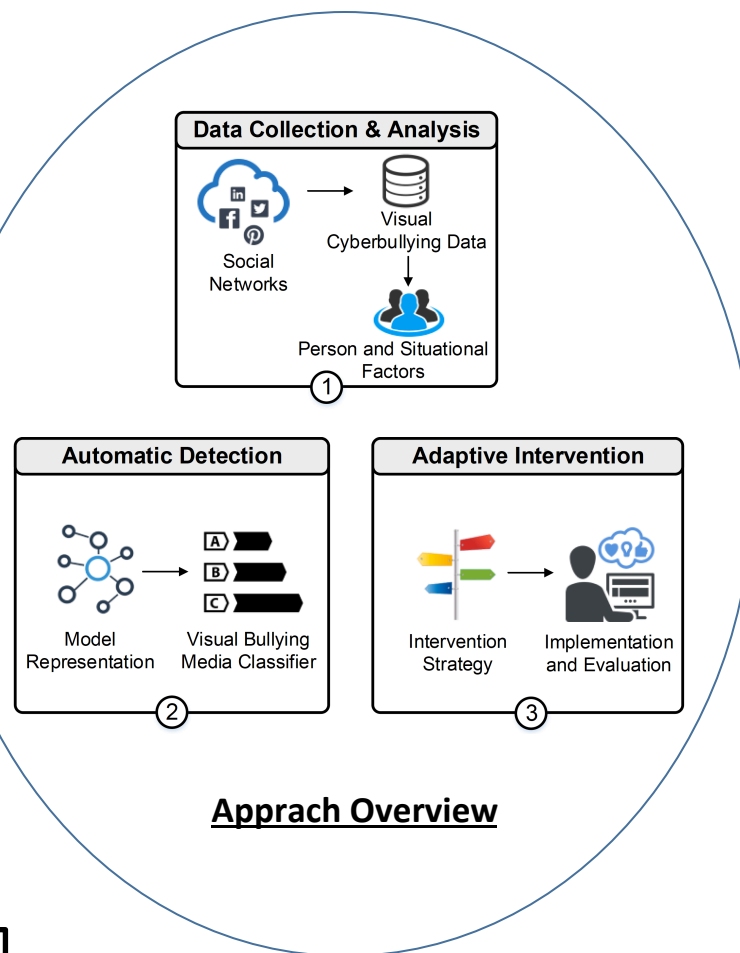
## Scientific Impact:

- The new techniques developed in this project will substantially enhance the state-of-the-art defenses against cyberbullying
- The fundamental results generated by this project could be expanded to cope with other threats targeting adolescents beyond cyberbullying

## Broader Impact:

- The system designed by this project could be used to curb cyberbullying among young people and reducing the myriad harmful effects
- The proposed methods can be potentially adopted and implemented in popular mobile social network platforms to prevent visual cyberbullying
- All findings, experiments and demonstrations resulting from this project will be made publicly available to parents, educators and researchers