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## SOS: Send My Location

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# SOS: Send My Location

Academic Excellence Showcase 2021

Charles T. Johnston, Courtney L. Kaplan, & Claire LeNarz

# The Purpose



- Safeguard for future dangerous or uncertain situations
- Other services are more police oriented, SOS is personal support system focused
- Many situations have some risk involved; hiking, walking home alone, camping, etc.
- Phones are valuable, SOS would help with quick outreach and necessary information
- More reliable contact with SMS rather than MMS

## How It Works?

- Contact
- Location
- Messaging

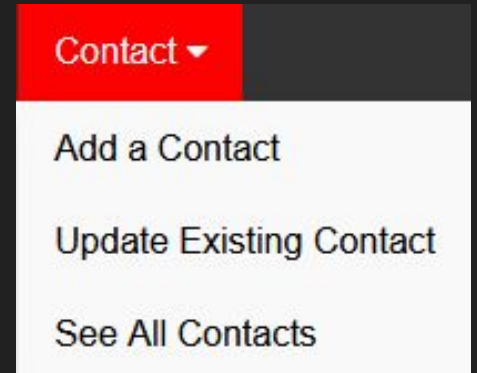


# Adding and Updating Emergency Contacts

In order to reach out, you need to know who to contact and how to do it. The ability to **create** and **edit** contact information allows the user to add their trusted contacts and change their information as needed.

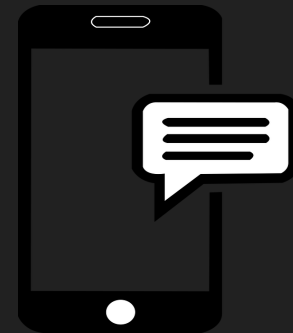
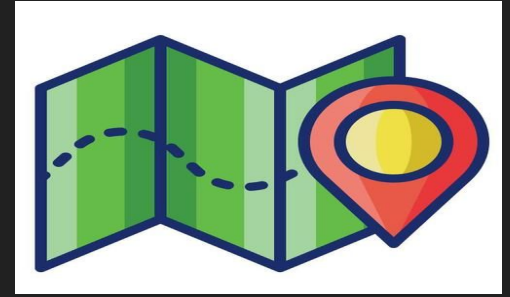


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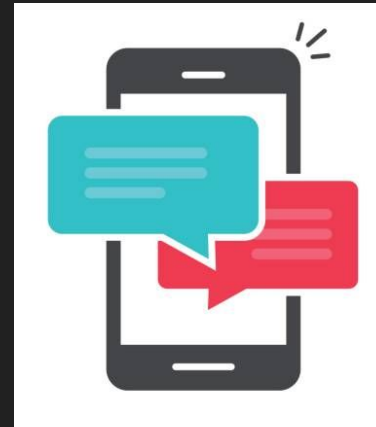
# Finding the User's Location

- Interactive Map of the world
  - Static Map of the user's location when they click a button
  - Latitude and Longitude displayed when user clicks on the button
  - Location manually saved through user's text input to database
- This can then be used to send with SOS message to emergency contact



# Sending Messages

- Pulls contacts, drafted messages, and saved locations from database
- Present choices to user to customize message, recipients, and location
- Confirm selections and populate messaging application
- Cancellation message can be sent to same contact



# In Conclusion

- Means to add another level of safety and security to their adventures
- The ability to quickly notify a trusted contact with information about a user's current state such as their location will assist in a faster response time for their aid
- Another resource and more peace of mind

