

Apr 22nd, 10:00 AM - 11:00 AM

Ohio Northern University Students connect with Kenton Hardin Health Department for Project DAWN (Deaths Avoided with Naloxone) Training

Kelly Kern
Ohio Northern University

Follow this and additional works at: https://digitalcommons.onu.edu/student_research_colloquium



Part of the [Substance Abuse and Addiction Commons](#)

Recommended Citation

Kern, Kelly, "Ohio Northern University Students connect with Kenton Hardin Health Department for Project DAWN (Deaths Avoided with Naloxone) Training" (2022). *ONU Student Research Colloquium*. 3.
https://digitalcommons.onu.edu/student_research_colloquium/2022/papers/3

This Conference Proceedings is brought to you for free and open access by DigitalCommons@ONU. It has been accepted for inclusion in ONU Student Research Colloquium by an authorized administrator of DigitalCommons@ONU. For more information, please contact digitalcommons@onu.edu.

**Ohio Northern University Students connect
with Kenton Hardin Health Department for
Project DAWN Training**

— Kelly Kern —

Outline

- What is Project DAWN?
- How bad is the opioid epidemic?
- How did the training happen?
- Who came to the training and why?

What is Project DAWN?

- DAWN= Deaths avoided with Naloxone
- A Statewide program that was designed to help decrease the number of Ohioans that die of an overdose on opioids
- Opioid overdose education and Naloxone distribution program

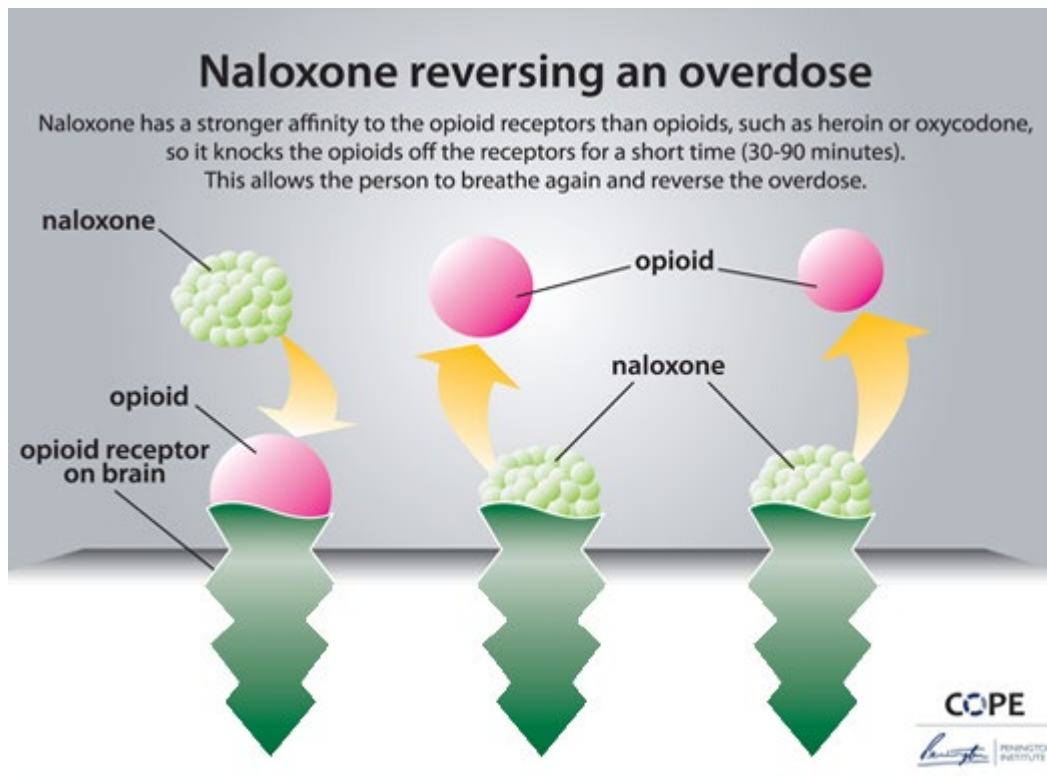


The opioid epidemic

- During the 2nd quarter of 2020, data reflected the highest opioid overdose death rate in the last 10 years
- In 2019, did more people in US die of an opioid overdose or in a car accident?
 - In The US, 70,630 of overdose vs 36,096 in a car accident
 - In Ohio, 4,028 of overdose vs. 1,153 in a car accident

What is Naloxone?

- An Opioid Antagonist
- Forms
 - Intranasal
 - Intramuscular
 - Subcutaneous
 - Intravenous



How?

- We partnered with the Kenton Hardin Health Department
 - 2 sessions, about 25 -30 min long on March 2nd
- Filled out IRB approval form for student survey
- Student interest
 - Through initial interest form through student L (106)
 - Interested students could sign up for sessions (92)
 - Those that came to the training (77)

Protocol #: KK-PH-021822-1

Title: Ohio Northern University students connect with Kenton Hardin Health Department for Project DAWN Training

Review status: Exempt category #2 – *Tests, surveys, interviews, or observation of public behavior*

Survey

- College
- Major
- Year
- Reasons for attending
- Do you think you'll use the kit
- Should we do this again

Project DAWN Survey Form

Thank you for your willingness to participate in the Project DAWN training, offered by the Kenton Hardin Health Department, at Ohio Northern University. This Project DAWN training session is part of an Honors Capstone project. Information collected on this short survey is voluntary and will be anonymous. By completing this form you will be consenting to have your answers included with the study. If you choose not to complete this survey, you are still welcome to participate in the Project DAWN Training session.

Student: Kelly Kern (k-kern.2@onu.edu)

Faculty advisor: Kelly Kroustos, PharmD (k-reilly@onu.edu)

College (circle): Arts and Sciences Business Engineering Law Pharmacy

Major: _____

Class Rank (circle) : Freshman/P1 Sophomore/P2 Junior/P3 Senior/P4 P5 P6

Are you over the age of 18? _____ Yes _____ No

Reason(s) for Attending (select all that apply)

___ I use/I know someone that uses Opioids

___ Just in case I see someone overdosing in the future

___ I get a free Narcan kit

___ Class credit

___ Other: _____

Do you think you will need to use the Narcan kit in the future?

Yes No

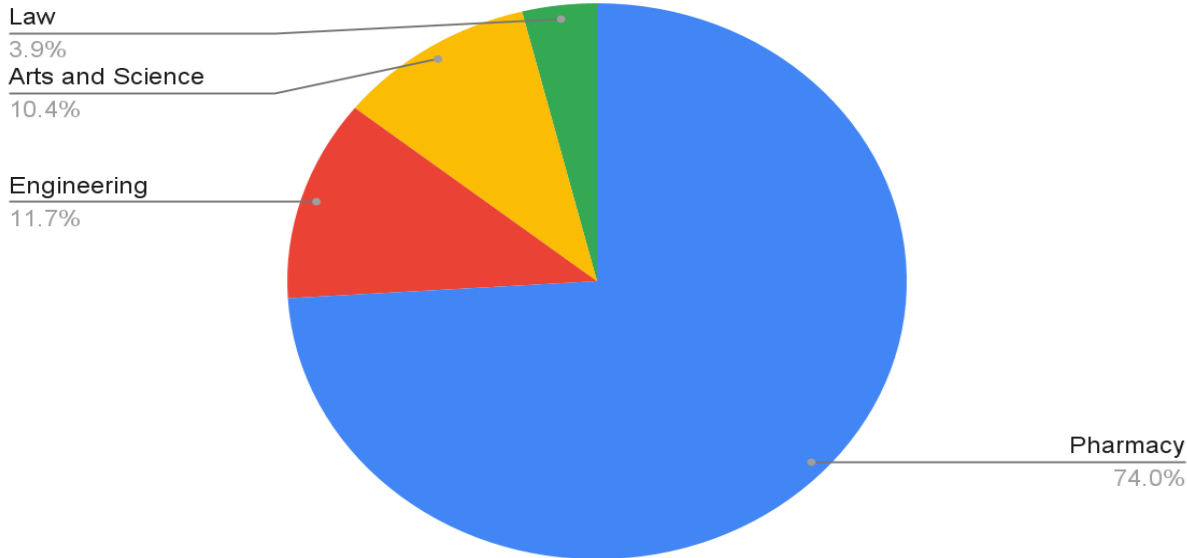
Should we do this training again?

Yes No

Questions, comments, or concerns?

Who came to the training?

Students College



Major	Students
Pharmacy	57
Mechanical Engineering	5
Electrical Engineering	1
Public Health	1
Biology	2
Civil Engineering	1
Political Science	1
Chemistry	1
Computer Engineering	2
Molecular Biology	2
Biochem	1
Law	3
Total	77

Year in scho

Year in College

P6
1.3%

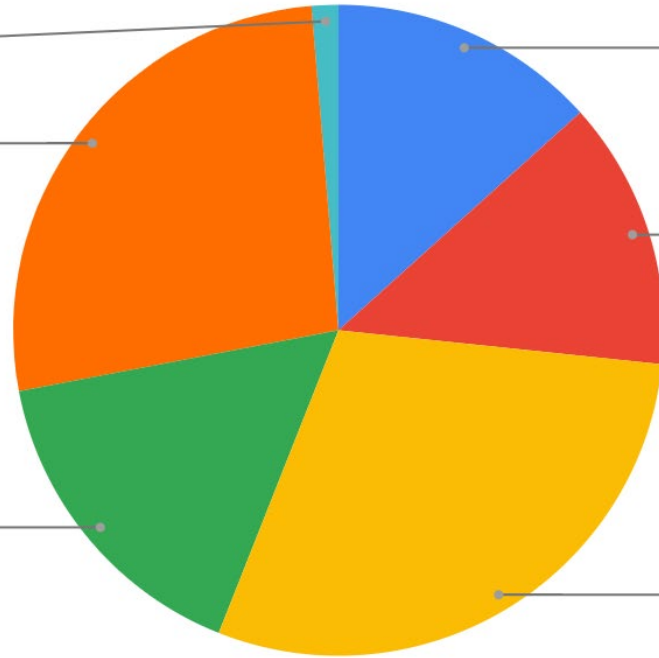
P5
26.7%

Senior
16.0%

Freshman
13.3%

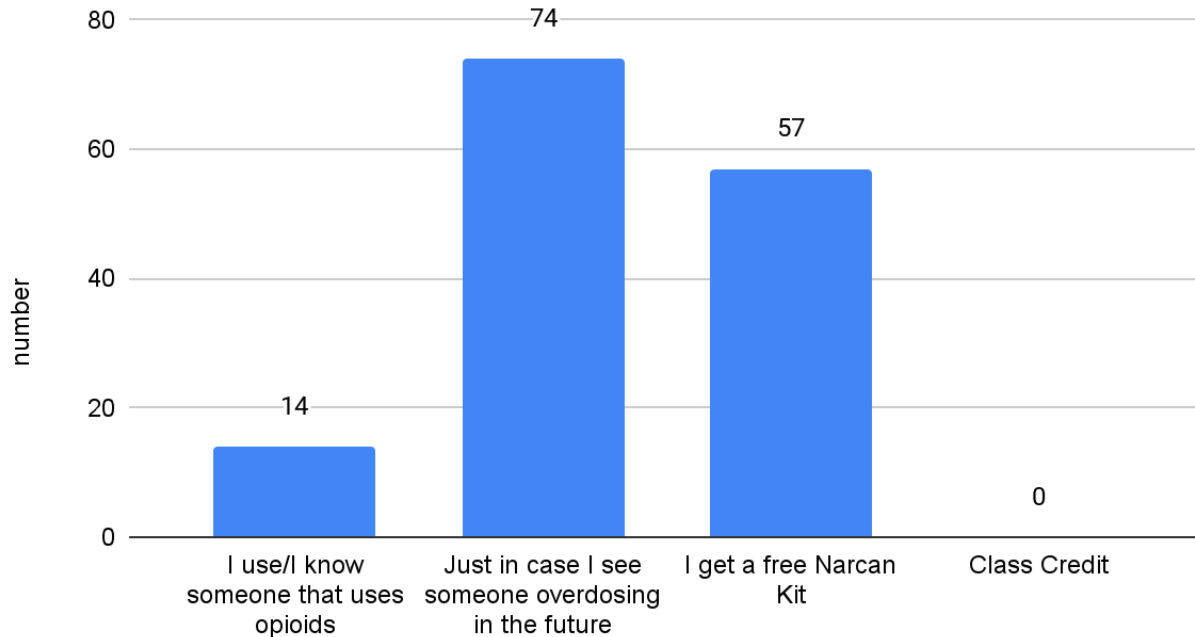
Sophomore
13.3%

Junior
29.3%



Why did they come for the training?

Survey Answers



- Other:
 - Opioid use is bad in my area
 - Wanted to learn something outside of my major
 - It's an important skill
 - Interesting topic/wanted to learn more

Do you think you will use this kit in the future?

- 36 students said yes



Should this be offered again?

- 100% of the students said yes!
- Students thought that this was beneficial whether they will need to use the kit or not
- Students acknowledged the opioid epidemic and importance of Naloxone
- If we give students the tools to help someone in the event of an overdose, they could save a life

Where do we go from here?

- Opioid epidemic isn't going to end soon
 - Increase access of Nacan!
- Keep offering this training to students
 - Added to new pharmacy curriculum
 - Should have trainings open for other majors as well (1/4 were other majors at these trainings)
 - About half the students said they thought they would use the kit!
- Ways to keep this training going for future non-pharmacy students
 - Public health club?
 - Other pharmacy students being involved?

Questions?

References

Ohio Department of Health (<https://odh.ohio.gov/know-our-programs/violence-injury-prevention-program/Drug-overdose>)

Centers for disease control and statistics
(<https://www.cdc.gov/drugoverdose/deaths/2019.html>)

Insurance Institute for Highway Safety fatality statistics
(<https://www.iihs.org/topics/fatality-statistics/detail/state-by-state>)