

2022 Impact Award

Alaska Social Impact Disclosure

Isotopic Fingerprinting of Opioids

Inventor:
Matthew Wooller



- Developed by Professor Matthew Wooller at the College of Fisheries and Ocean Sciences.
- Proposed to build a national isotopic database to capture the unique “fingerprint” of opioid drugs, both prescribed and illicit.
- This innovation will allow for the track and trace of individual opioid drugs, increasing visibility of opioid movement while also allowing for source tracing of potentially illegal opioid suppliers.
- Benefits to law enforcement and at risk rural communities.



The University of Alaska Fairbanks is an AA/EEO employer and educational institution and prohibits illegal discrimination against any individual. Learn more about UA's notice of nondiscrimination.