A One Health Story

WASTEWATER SURVEILLANCE USED TO ATTRACT LITTLE MORE THAN AN ACADEMIC TRICKLE.

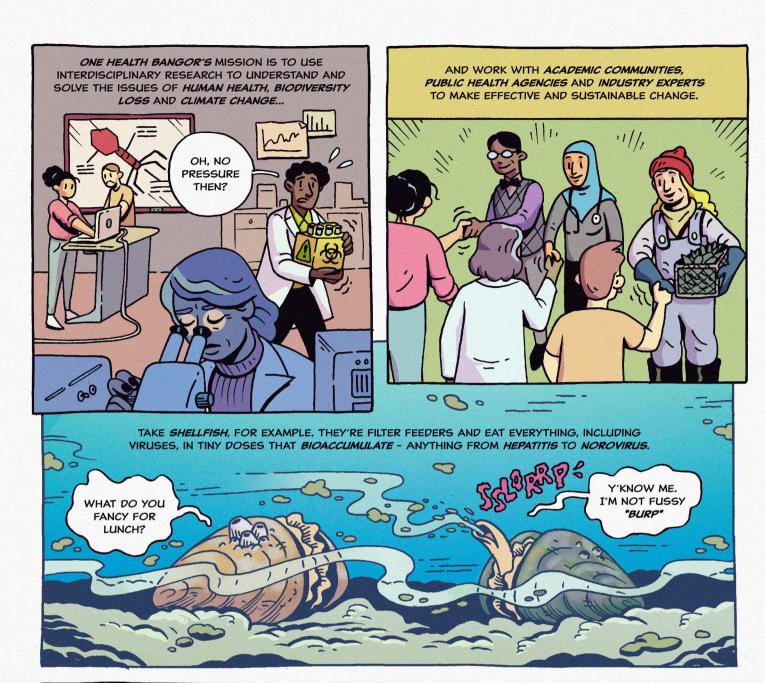


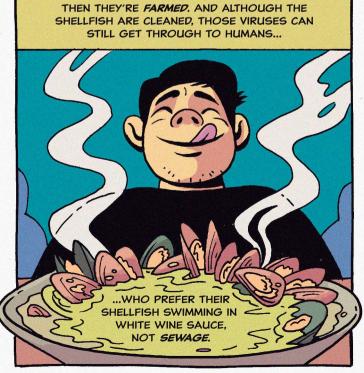
COMIC BY RIK WORTH & JORDAN COLLVER WITH COLOURS BY JP JORDAN

IN COLLABORATION WITH ELLIE JAMESON & AMY ELLISON ONE HEALTH AT BANGOR UNIVERSITY FUNDED BY WALES INNOVATION NETWORK

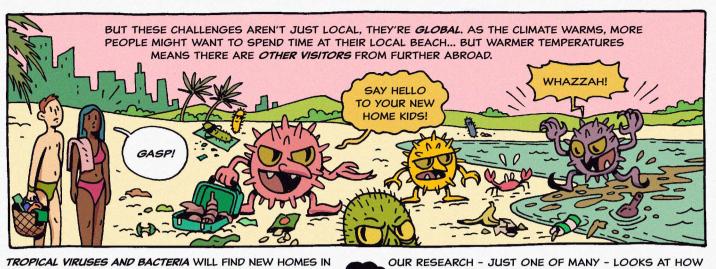












TROPICAL VIRUSES AND BACTERIA WILL FIND NEW HOMES IN OUR RESEA OUR WATERS. AND AS COVID PROVED, OUR COMMUNITIES PATHOG ARE EASILY CAUGHT UNAWARE BY NEW DISEASES.

OUR RESEARCH - JUST ONE OF MANY - LOOKS AT HOW PATHOGENS REACT TO DIFFERENT TEMPERATURES.



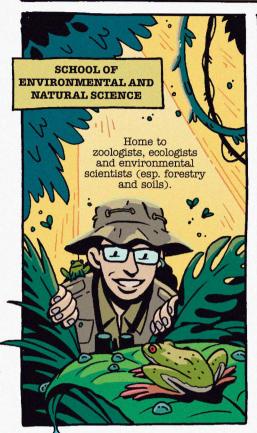
THIS DATA IS FED INTO COMPUTER MODELS THAT CAN FORECAST POTENTIAL RISKS TO HUMAN HEALTH.





BY ISOLATING HELPFUL BACTERIOPHAGES (VIRUSES)
IN SEWAGE, AND FINDING THE ONES HARMLESS TO
HUMANS AND ANIMALS, WE CAN ATTACK ANTIBIOTIC
RESISTANT BACTERIA...

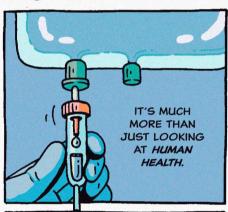








ALL SUPPORTED BY WALES' LEADING ENVIRONMENTAL, SUSTAINABILITY AND HEALTH INFRASTRUCTURE.



BANGOR'S ONE HEALTH RESEARCH INVESTIGATES THE HEALTH OF OUR ENVIRONMENT, WILDLIFE, AND HUMANS ...

