**Foodborne Illness Outbreak Detection, Investigation, and Response: Training Roadmap for Environmental Health Professionals**

**Overview**

This training roadmap is intended to provide a visual guide to meeting the competencies for environmental health professionals engaged in foodborne illness outbreak detection, investigation, and response at the state and local level. The training roadmap has been created to complement the competency set developed by the Integrated Food Safety Centers of Excellence (CoE) for environmental health professionals. The training roadmap can be used to guide environmental health professionals to trainings to develop knowledge and skills based on the environmental health professional’s current training level.

There are two supplemental documents that accompany this roadmap document. The *Training Descriptions* document is an alphabetical list of all trainings included on the roadmap.  Resource information for each training includes the following: a description of the training, cost, CEUs, length of training, modality, EH competency cross reference, and a hyperlink to access the training website. The *Trainings to Competencies* document cross-references all of the competencies that are covered by a specific training.  Users can rollover the competency hyperlinks to display a description of the competency.

**Criteria**

Logic models were created for each of the competencies for Environmental Health Professionals, laying out the inputs, activities, and short/long term goals of each of the competencies. A scan of available trainings and the learning objectives was completed. Trainings were identified from the Centers for Disease Control and Prevention (CDC), Integrated Food Safety Centers of Excellence (CoE), National Environmental Health Association (NEHA), and university courses. Both free trainings and trainings available for purchase were included in the training roadmap. Trainings that require payment are clearly indicated. After trainings were identified, the trainings were mapped to the competencies. Through the logic models, learning objectives, and goals of the training, the training was matched with a competency/competencies. Trainings were completed if accessible to best match the training to the competencies.

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| Training Roadmap Legend | |
| C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | an online training |
| C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png | fee associated with this training |
| C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (State Abbr.) | an in-person workshop or class and the state abbreviation where offered |

**Tiers**

The trainings were sorted into three categories (basic, intermediate, or advanced) based on the amount of knowledge that a person would need in order to understand and succeed with the training. The basic, intermediate, and advanced categories translate to the progression through Tier 1, Tier 2, and Tier 3 of the competencies for environmental health professionals.

Both free trainings and trainings available for purchase are included in the training roadmap. Trainings offered online or as an in-person workshop are included, as well as trainings that are free or require a fee. The state offering the in-person training is indicated through state abbreviations. The FDA's Office of Regulatory Affairs' Office of Training Education and Development (OTED) provides free training to state, local and tribal regulatory partners. OTED courses require usernames and passwords for their learning management systems. Many FDA OTED courses are only offered a few times a year. Careful planning should be considered for these courses. More information on access to OTED courses can be found here: <https://www.fda.gov/training-and-continuing-education/ora-university-orau/state-local-and-tribal-regulatory-partners-welcome-oted>.

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|  | **Topic area** | **Tier 1** | **Tier 2** | **Tier 3** |
| **COMPETENCY 1** | **Outbreak detection** | Describes the role of surveillance systems in detecting foodborne illness outbreaks | Uses surveillance systems to detect to foodborne illness outbreaks | Improves surveillance systems to make foodborne outbreak detection timelier and more efficient |
| **Competency 1**  **Trainings** | | * [Communication Skills for Regulators](https://www.accessdata.fda.gov/ORAU/CommRegulators/indexMenu.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [E is for Epidemiology](https://sph.unc.edu/nciph/e-is-for-epi/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Quick Train](http://csph.ucdenver.edu/coe-foodsafety/captivate/EAQT/SP/splash.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: Getting into the Mindset](https://youtu.be/umK_Su2u0tw) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Illness Investigations 1: Collecting Surveillance Data](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FI01), * [Foodborne Illness Investigations 2: Beginning an Investigation](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FI02) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Outbreak Investigation - CIFOR Updates](https://www.train.org/virginia/course/1019164/live_event) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Illness: What Problem?](https://www.youtube.com/watch?v=2QQvhFPZedM) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Challenge](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/FOC_Organizer_Materials.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Foodborne Outbreak Investigation and Response Team Roles and Responsibilities: Part A](http://www.vet.utk.edu/cafsp/online/coe.php) * [Foodborne Outbreak Investigation and Response Team Roles and Responsibilities: Part B](http://www.vet.utk.edu/cafsp/online/coe_course2.php)  C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [I is for Investigation](https://sph.unc.edu/nciph/i-is-for-investigation/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [ORA Risk Management in 7 Steps](https://www.accessdata.fda.gov/ORAU/ORARiskManagement/welcome_welcome.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Principles of Epidemiology](https://health.mo.gov/living/healthcondiseases/communicable/communicabledisease/upcomingevents.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (MO) * [Protecting the Food Supply: Federal Partners](https://www.youtube.com/watch?v=I7uCw5bcj6Y) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [PUBH 541 Student Outbreak Rapid Response Training (SORRT)](https://publichealth.utk.edu/certificates/food-safety/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (TN) * [Regulatory Foundations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8021W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Online)](http://csph.ucdenver.edu/coe-foodsafety/captivate/polka/polkacasestudy.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Paper Based) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Instructor%20with%20Appendices.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Participant%20with%20Appendices.pdf)   + [Tabletop Slides (PPT)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Slides.pptx) | * [Environmental Assessment Training Series (EATS): 102](https://www.cdc.gov/nceh/ehs/elearn/eats/index.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Investigations](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Food Related Emergency Exercise Bundle (FREE-B)](https://www.fda.gov/food/fooddefense/toolseducationalmaterials/ucm295902.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER325) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Illness Investigations 3: Expanding the Investigation](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FI03) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Gastroenteritis at a University in Texas](https://www.cdc.gov/epicasestudies/classroom_gast.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Initial Foodborne Illness Investigation](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |  |
| **COMPETENCY 2** | **Outbreak investigation team: roles and responsibilities** | Explains the role of environmental health professionals, epidemiologists, microbiologists, and other members of the outbreak investigation team[[1]](#footnote-1) during a foodborne illness outbreak investigation | Collaborates with other members of the outbreak investigation team on activities undertaken as part of a foodborne illness outbreak investigation | Leads activities undertaken as part of a foodborne illness outbreak in collaboration with partners at local, state and federal agencies |
| **Competency 2**  **Trainings** | | * [Communication Skills for Regulators](https://www.accessdata.fda.gov/ORAU/CommRegulators/indexMenu.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Quick Train](http://csph.ucdenver.edu/coe-foodsafety/captivate/EAQT/SP/splash.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: Assembling Tools and Preparation for Sampling](https://nyfoodsafety.cals.cornell.edu/environmental-sampling/environmental-health-quick-train-videos/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Illness: What Problem?](https://www.youtube.com/watch?v=2QQvhFPZedM) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Challenge](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/FOC_Organizer_Materials.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Foodborne Outbreak Investigation and Response Team Roles and Responsibilities: Part A](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Investigation and Response Team Roles and Responsibilities: Part B](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Investigation: What does a laboratorian do?](https://www.youtube.com/watch?v=YIrrVM7Z55Y) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Investigation: What does an environmental health professional do?](https://www.youtube.com/watch?v=ksDbdv1w8PM) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Investigation: What does an epidemiologist do?](https://www.youtube.com/watch?v=nuwl9ik-7pA) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Introduction to NEARS](https://www.youtube.com/watch?v=6d6oGPxyBB0) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Pining for a Common Source, a Foodborne Illness Outbreak Investigation: Table Top Exercise](https://nyfoodsafety.cals.cornell.edu/training/case-studies/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [PUBH 541 Student Outbreak Rapid Response Training (SORRT)](https://publichealth.utk.edu/certificates/food-safety/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (TN) * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Online)](http://csph.ucdenver.edu/coe-foodsafety/captivate/polka/polkacasestudy.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Paper Based) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Instructor%20with%20Appendices.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Participant%20with%20Appendices.pdf)   + [Tabletop Slides (PPT)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Slides.pptx) | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Basics of Inspection: Beginning an Inspection](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA38) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Investigations](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Food Related Emergency Exercise Bundle (FREE-B)](https://www.fda.gov/food/fooddefense/toolseducationalmaterials/ucm295902.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER325) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Illness Investigations 3: Expanding the Investigation](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FI03) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations 4: Conducting a Food Hazard Review](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FI04) * [Foodborne Illness Investigations 6: Final Report](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FI06) * [Initial Foodborne Illness Investigation](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Salmonella in the Caribbean](https://www.cdc.gov/epicasestudies/classroom_salmonella.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Certified Professional - Food Safety (CP-FS) Credential](https://www.neha.org/professional-development/credentials/cpfs) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [Epi-Ready for Response Teams](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER324) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Soft Skills for Professionals C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=MG132) * [The Role of the Environmental Assessments in Understanding Foodborne Illness Outbreaks](https://www.fsis.usda.gov/wps/wcm/connect/fd3253f1-61f0-410a-893a-4ab3cf53d764/Slides_FSEC_KDelea.pdf?MOD=AJPERES&amp;CACHEID=310e494c-3b43-4091-9e82-78800b35c6f6)  C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |
| **COMPETENCY 3** | **Outbreak investigation team: partnerships and communication** | Describes the importance of partnerships and ongoing communication with epidemiologists, microbiologists, and other professionals engaged in outbreak detection and response | Maintains partnerships and ongoing communication with epidemiologists, microbiologists, and other professionals engaged in outbreak detection and response | Builds partnerships with local, state and federal agencies engaged in outbreak detection and response |
| **Competency 3**  **Trainings** | | * [Communication Skills for Regulators](https://www.accessdata.fda.gov/ORAU/CommRegulators/indexMenu.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Quick Train](http://csph.ucdenver.edu/coe-foodsafety/captivate/EAQT/SP/splash.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: Assembling Tools and Preparation for Sampling](https://nyfoodsafety.cals.cornell.edu/environmental-sampling/environmental-health-quick-train-videos/) 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C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Protecting the Food Supply: State Partners](https://www.youtube.com/watch?v=1BMH2M05PxQ) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Protecting the Food Supply: State Partners in Florida](https://www.youtube.com/watch?v=rURwMJsCmUk)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Protecting the Food Supply: State Partners in Georgia](https://www.youtube.com/watch?v=i1DdjDi5u5E)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [PUBH 541 Student Outbreak Rapid Response Training (SORRT)](https://publichealth.utk.edu/certificates/food-safety/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (TN) * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Basic Food Law for State Regulators](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA35) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Building Skills in Case Presentation](http://csph.ucdenver.edu/coe-foodsafety/captivate/TCHD/casepresentation.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [E is for Epidemiology](https://sph.unc.edu/nciph/e-is-for-epi/) 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(FREE-B)](https://www.fda.gov/food/fooddefense/toolseducationalmaterials/ucm295902.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [FSIS Foodborne Illness Investigations: Current Thinking](https://slideplayer.com/slide/7516868/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Salmonella in the Caribbean](https://www.cdc.gov/epicasestudies/classroom_salmonella.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Soft Skills for Professionals C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=MG132) * [The Role of the Environmental Assessments in Understanding Foodborne Illness Outbreaks](https://www.fsis.usda.gov/wps/wcm/connect/fd3253f1-61f0-410a-893a-4ab3cf53d764/Slides_FSEC_KDelea.pdf?MOD=AJPERES&amp;CACHEID=310e494c-3b43-4091-9e82-78800b35c6f6) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |
| **COMPETENCY 4** | **Environmental assessments** | Describes the components of an environmental assessment | Performs foodborne illness outbreak environment assessments | Continuously improves the process for conducting foodborne illness outbreak environment assessments |
| **Competency 4**  **Trainings** | | * [Campylobacter Outbreak at a Colorado Correctional Facility Case Study](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Pages/Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Quick Train](http://csph.ucdenver.edu/coe-foodsafety/captivate/EAQT/SP/splash.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: Getting into the Mindset](https://youtu.be/umK_Su2u0tw) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Outbreak Challenge](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/FOC_Organizer_Materials.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [I is for Investigation](https://sph.unc.edu/nciph/i-is-for-investigation/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Introduction to NEARS](https://www.youtube.com/watch?v=6d6oGPxyBB0) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Investigation Principles](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8020W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Pining for a Common Source, a Foodborne Illness Outbreak Investigation: Table Top Exercise](https://nyfoodsafety.cals.cornell.edu/training/case-studies/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Principles of Epidemiology](https://health.mo.gov/living/healthcondiseases/communicable/communicabledisease/upcomingevents.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (MO) * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Online)](http://csph.ucdenver.edu/coe-foodsafety/captivate/polka/polkacasestudy.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Paper Based) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Instructor%20with%20Appendices.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Participant%20with%20Appendices.pdf)   + [Tabletop Slides (PPT)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Slides.pptx) | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Basic Food Law for State Regulators](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA35) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Basics of Inspection: Beginning an Inspection](https://www.fda.gov/training-and-continuing-education/office-training-education-and-development-oted/course-descriptions-objectives#FDA38) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Investigations](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Evidence Development](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=MP102) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER325) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Traceback Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER220) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png | * [The Role of the Environmental Assessments in Understanding Foodborne Illness Outbreaks](https://www.fsis.usda.gov/wps/wcm/connect/fd3253f1-61f0-410a-893a-4ab3cf53d764/Slides_FSEC_KDelea.pdf?MOD=AJPERES&amp;CACHEID=310e494c-3b43-4091-9e82-78800b35c6f6) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |
| **COMPETENCY 5** | **Contributing factors** | Lists types of contributing factors by causative agent or food vehicle | Uses available information to develop hypotheses about the causative agent, implicated food, and contributing factors in preparation for the site visit | Mentors others on the use of epidemiological, laboratory and other data when developing hypotheses about the causative agent, implicated food, and contributing factors in preparation for the site visit |
| **Competency 5**  **Trainings** | | * [Environmental Assessment Quick Train](http://csph.ucdenver.edu/coe-foodsafety/captivate/EAQT/SP/splash.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epidemiologic Investigations Related to Foodborne Outbreaks](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Food Safety Practices for Salmonella and Campylobacter Control in Poultry](https://www.youtube.com/watch?v=6VCbPj-F094) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Challenge](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/FOC_Organizer_Materials.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [General Education Course: HACCP](http://www.vet.utk.edu/cafsp/online/ge_haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [HACCP](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8033W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [I is for Investigation](https://sph.unc.edu/nciph/i-is-for-investigation/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Introduction to NEARS](https://www.youtube.com/watch?v=6d6oGPxyBB0) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Preventive Controls](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8040W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Providing a Solid Foundation for a Hazard Analysis and Critical Control Points (HACCP) System](http://www.vet.utk.edu/cafsp/online/haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Online)](http://csph.ucdenver.edu/coe-foodsafety/captivate/polka/polkacasestudy.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Paper Based) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Instructor%20with%20Appendices.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Participant%20with%20Appendices.pdf)   + [Tabletop Slides (PPT)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Slides.pptx) | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Basic Food Law for State Regulators](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA35) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Basics of Inspection: Beginning an Inspection](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA38) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Campylobacter Outbreak at a Colorado Correctional Facility](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/ABC_CoE%20Campylobacter%20Case%20Study_May2018_Instructor%20Guide.pdf) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Investigations](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Choosing Sampling Sites](https://youtu.be/L9u-p1_bzuo) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Listeria](https://youtu.be/qZra80rd1vU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Salmonella](https://youtu.be/tjv5Eg6T-nI) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Food Source Information Wiki](https://fsi.colostate.edu/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER325) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [I is for Investigation](https://sph.unc.edu/nciph/i-is-for-investigation/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Outbreak Investigation Case Series](http://mnfoodsafetycoe.umn.edu/training-2/)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [The 3 C’s of Listeria: Characteristics, Contamination, and Control](https://youtu.be/I8NSscc-B2o) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Traceback Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER220) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png | * [Epi-Ready for Response Teams](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER324) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Food Safety Practices for Salmonella and Campylobacter Control in Poultry](https://www.youtube.com/watch?v=6VCbPj-F094) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [The Role of the Environmental Assessments in Understanding Foodborne Illness Outbreaks](https://www.fsis.usda.gov/wps/wcm/connect/fd3253f1-61f0-410a-893a-4ab3cf53d764/Slides_FSEC_KDelea.pdf?MOD=AJPERES&amp;CACHEID=310e494c-3b43-4091-9e82-78800b35c6f6) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |
| **COMPETENCY 6** | **Observation and Record Review** | Lists processes, practices, and records to observe and review during a site visit | Selects appropriate processes and practices to observe and records to review during a site visit given a specific outbreak scenario | Mentors others on appropriate processes and practices to observe and records to review during a site visit given a specific outbreak scenario |
| **Competency 6**  **Trainings** | | * [Basics of HACCP](https://www.fda.gov/training-and-continuing-education/office-training-education-and-development-oted/course-descriptions-objectives) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [General Education Course: HACCP](http://www.vet.utk.edu/cafsp/online/ge_haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [HACCP](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8033W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Introduction to NEARS](https://www.youtube.com/watch?v=6d6oGPxyBB0) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Preventive Controls](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8040W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Providing a Solid Foundation for a Hazard Analysis and Critical Control Points (HACCP) System](http://www.vet.utk.edu/cafsp/online/haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Online)](http://csph.ucdenver.edu/coe-foodsafety/captivate/polka/polkacasestudy.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Paper Based) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Instructor%20with%20Appendices.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Participant%20with%20Appendices.pdf)   + [Tabletop Slides (PPT)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Slides.pptx) | * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: Basics of Swabbing](https://youtu.be/Y4GB48SRPpo) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Choosing Sampling Sites](https://youtu.be/L9u-p1_bzuo) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Listeria](https://youtu.be/qZra80rd1vU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Salmonella](https://youtu.be/tjv5Eg6T-nI) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Evidence Development](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=MP102) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [The 3 C’s of Listeria: Characteristics, Contamination, and Control](https://youtu.be/I8NSscc-B2o) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Epi-Ready for Response Teams](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER324) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Outbreak Investigation Case Series](http://mnfoodsafetycoe.umn.edu/training-2/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |
| **COMPETENCY 7** | **Interview skills** | Lists the types of information required when interviewing managers and staff during a foodborne illness outbreak environmental assessment | Interviews managers and staff during a foodborne illness outbreak environmental assessment to obtain relevant information | Develops interview guides and techniques for interviewing managers and staff during a foodborne illness outbreak environmental assessment |
| **Competency 7**  **Trainings** | | * [Basics of HACCP](https://www.fda.gov/training-and-continuing-education/office-training-education-and-development-oted/course-descriptions-objectives) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * Campylobacter Outbreak at a Colorado Correctional Facility: C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/ABC_CoE%20Campylobacter%20Case%20Study_May2018_Instructor%20Guide_091819.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/ABC_CoE%20Campylobacter%20Case%20Study_May2018_Student%20Guide_091819.pdf) * [Communication Skills](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8030W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * County Fair Chocolate Scare Case Study C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png:   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/CountyFairChocolateScare_AMarijuanaCaseStudy_Instructor.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/CountyFairChocolateScare_AMarijuanaCaseStudy_Student.pdf)   + [Tabletop Exercise (PPT)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/TTX-FBI-County%20Fair%20Chocolate%20Scare%20Case%20Study_12.2017.pptx) * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Evidence Development](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=MP102) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foundational Interviewing Skills](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Pages/Live-Learning-Series.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [HACCP](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8033W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [I is for Investigation](https://sph.unc.edu/nciph/i-is-for-investigation/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Interviewing Cardinal Rules](https://www.youtube.com/watch?v=HNZm7z_JELw) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Interviewing the Frustrating Four](https://www.youtube.com/watch?v=-uZsoal0by0) * [Investigation Principles](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8020W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Outbreak Investigation Training: Sample Interviews](https://www.youtube.com/watch?time_continue=1&v=8oigheug0L4) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Pining for a Common Source, a Foodborne Illness Outbreak Investigation: Table Top Exercise](https://nyfoodsafety.cals.cornell.edu/training/case-studies/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [9-minute Quick Interview Cardinal Rules for Outbreaks](https://www.youtube.com/watch?v=O6gKLQpEkfY) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Advanced Interviewing](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Pages/Live-Learning-Series.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Hypothesis Generation During a Foodborne Outbreak Investigation ECHO](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Pages/Live-Learning-Series.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Initial Foodborne Illness Investigation](https://foodsafety.utk.edu/?page_id=29)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Interviewing During an Outbreak Course](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Pages/OutbreakResponseTraining.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Interviewing Skills and Personal Safety Reports](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=MP118) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Foodborne Disease Outbreak Investigation Tabletop Exercise (Hepatitis A)](https://azdhs.gov/documents/preparedness/epidemiology-disease-control/infectious-diseases-training/2017/presentations/hep-a-sitman-azid-2017-player-web.pdf) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (AZ) |
| **COMPETENCY 8** | **Sampling** | Lists the types of sampling, sampling tools and other equipment used as part of a foodborne illness outbreak environmental assessment | Collects food, environmental, and clinical samples during a foodborne illness outbreak environmental assessment | Develops and improves sampling guides and model practices |
| **Competency 8**  **Trainings** | | * [A Day in the Life of a Stool Sample: Culture Methods Training](http://csph.ucdenver.edu/coe-foodsafety/captivate/lab_series/culture_methods.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Clinical Specimen Collection during a Foodborne Outbreak (Supplies Kit)](https://www.youtube.com/watch?v=fn4njJM18v8) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Quick Train](http://csph.ucdenver.edu/coe-foodsafety/captivate/EAQT/SP/splash.html) * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: Assembling Tools and Preparation for Sampling](https://nyfoodsafety.cals.cornell.edu/environmental-sampling/environmental-health-quick-train-videos/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Salmonella](https://youtu.be/tjv5Eg6T-nI) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: Getting into the Mindset](https://youtu.be/umK_Su2u0tw) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Evidence Development](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=MP102) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [General Education Course: Sampling](http://www.vet.utk.edu/cafsp/online/ge_sampling.php)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Get the Scoop Stool Collection Operation and Optimum Packaging](https://www.youtube.com/watch?v=hKlwSWZfzB8&feature=youtu.be)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [In the Lab: Gram Stain Process](https://www.youtube.com/watch?v=XraLIl0lg-U) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [In the Lab: Plating a Stool Sample](https://www.youtube.com/watch?v=2DvtOm6Mc2U) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Investigation Principles](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8020W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Pining for a Common Source, a Foodborne Illness Outbreak Investigation: Table Top Exercise](https://nyfoodsafety.cals.cornell.edu/training/case-studies/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Sampling](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8035W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Applied Whole Genome Sequencing for Epidemiologists](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Pages/Live-Learning-Series.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Clinical Specimen Collection during a Foodborne Outbreak](https://www.youtube.com/watch?v=BLm4fCyj1CY&feature=youtu.be) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: Basics of Swabbing](https://youtu.be/Y4GB48SRPpo) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Choosing Sampling Sites](https://youtu.be/L9u-p1_bzuo) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Listeria](https://youtu.be/qZra80rd1vU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Salmonella](https://youtu.be/tjv5Eg6T-nI) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER325) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Hypothesis Generation During a Foodborne Outbreak Investigation ECHO](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Pages/Live-Learning-Series.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Initial Foodborne Illness Investigation](https://foodsafety.utk.edu/?page_id=29)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [The 3 C’s of Listeria: Characteristics, Contamination, and Control](https://youtu.be/I8NSscc-B2o) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |  |
| **COMPETENCY 9** | **Critical thinking skills** | Summarizes multiple sources of information from a foodborne illness outbreak environmental assessment | Analyzes information from a foodborne illness outbreak environmental assessment to identify contributing factors and root causes or environmental antecedents | Mentors others on the use of critical thinking skills and systems theory to identify contributing factors and root causes or environmental antecedents |
| **Competency 9**  **Trainings** | | * Campylobacter Outbreak at a Colorado Correctional Facility Case Study: C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/ABC_CoE%20Campylobacter%20Case%20Study_May2018_Instructor%20Guide_091819.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/ABC_CoE%20Campylobacter%20Case%20Study_May2018_Student%20Guide_091819.pdf) * Environmental Assessment Quick TrainC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Evidence Development](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=MP102) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Challenge](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/FOC_Organizer_Materials.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Pining for a Common Source, a Foodborne Illness Outbreak Investigation: Table Top Exercise](https://nyfoodsafety.cals.cornell.edu/training/case-studies/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill BuildingC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) * [Environmental Health Investigations](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Listeria](https://youtu.be/qZra80rd1vU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Quick Train Videos: General Considerations for Sampling for Salmonella](https://youtu.be/tjv5Eg6T-nI) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png[Foodborne Disease Outbreak Investigation Tabletop Exercise (Hepatitis A)](https://azdhs.gov/documents/preparedness/epidemiology-disease-control/infectious-diseases-training/2017/presentations/hep-a-sitman-azid-2017-player-web.pdf) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (AZ) * [Foodborne Illness Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER325) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [FSIS Foodborne Illness Investigations: Current Thinking](https://slideplayer.com/slide/7516868/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Initial Foodborne Illness Investigation](https://foodsafety.utk.edu/?page_id=29)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Sampling 101: How to Find Pathogens in Food Facilities](https://youtu.be/DXWgfmkhJTU) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [The 3 C’s of Listeria: Characteristics, Contamination, and Control](https://youtu.be/I8NSscc-B2o) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Traceback Investigations C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER220) | * [Epi-Ready for Response Teams](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8021W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |
| **COMPETENCY 10** | **Control measures** | Lists appropriate short- and long- term control measures | Recommends appropriate short- and long-term control measures given a specific outbreak scenario | Evaluates the impact of short- and long-term control measures |
| **Competency 10**  **Trainings** | | * [Basics of HACCP](https://www.fda.gov/training-and-continuing-education/office-training-education-and-development-oted/course-descriptions-objectives) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Biological Hazards](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8028W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * County Fair Chocolate Scare Case Study C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png:   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/CountyFairChocolateScare_AMarijuanaCaseStudy_Instructor.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/CountyFairChocolateScare_AMarijuanaCaseStudy_Student.pdf)   + [Tabletop Exercise (PPT)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/TTX-FBI-County%20Fair%20Chocolate%20Scare%20Case%20Study_12.2017.pptx) * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Hazards](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8024W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [General Education Course: HACCP](http://www.vet.utk.edu/cafsp/online/ge_haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [HACCP](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8033W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Legal Aspects of Public Health Food Safety](http://www.nwcphp.org/training/opportunities/online-courses/legal-aspects-food-safety) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [ORA Risk Management in 7 Steps](https://www.accessdata.fda.gov/ORAU/ORARiskManagement/welcome_welcome.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Preventive Controls](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8040W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Providing a Solid Foundation for a Hazard Analysis and Critical Control Points (HACCP) System](http://www.vet.utk.edu/cafsp/online/haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Basic Food Law for State Regulators](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA35) * [Basics of Inspection: Beginning an Inspection](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA38) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Just-In-Time Training](https://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill BuildingC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) * [Environmental Health Investigations](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Food Safety Practices for Salmonella and Campylobacter Control in Poultry](https://www.youtube.com/watch?v=6VCbPj-F094) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER325) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [FSIS Foodborne Illness Investigations: Current Thinking](https://slideplayer.com/slide/7516868/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Gastroenteritis at a University in Texas](https://www.cdc.gov/epicasestudies/classroom_gast.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Initial Foodborne Illness Investigation](https://foodsafety.utk.edu/?page_id=29)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |  |
| **COMPETENCY 11** | **Legal authority** | Describes the legal authority of state/local agencies during a foodborne illness outbreak | Carries out the legal authority of state/local agencies during a foodborne illness outbreak | Evaluates the need to use state/local legal authorities during a foodborne illness outbreak, in consultation with other local, state and federal agencies |
| **Competency 11 Trainings** | | * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Illness Outbreak Investigation - CIFOR Updates](https://www.train.org/virginia/course/1019164/live_event) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Illness: What Problem?](https://www.youtube.com/watch?v=2QQvhFPZedM) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Introduction to the Food Emergency Response Network (FERN)](https://www.fernlab.org/index.cfm/resources/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Jurisdiction](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8037W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Laws, Regulations, Policies, and Procedures](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8039W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Legal Aspects of Public Health Safety](http://www.nwcphp.org/training/opportunities/online-courses/legal-aspects-food-safety)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Legally Covered - Understanding Public Health Authority to Prevent Foodborne Disease in the Community](https://www.youtube.com/watch?v=amm8y1zxv2k) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Protecting the Food Supply: State Partners](https://www.youtube.com/watch?v=1BMH2M05PxQ) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Protecting the Food Supply: State Partners in Florida](https://www.youtube.com/watch?v=rURwMJsCmUk)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Protecting the Food Supply: State Partners in Georgia](https://www.youtube.com/watch?v=i1DdjDi5u5E)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [PUBH 541 Student Outbreak Rapid Response Training (SORRT)](https://publichealth.utk.edu/certificates/food-safety/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (TN) | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Basic Food Law for State Regulators](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA35) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Investigations](https://foodsafety.utk.edu/?page_id=29)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Food Related Emergency Exercise Bundle (FREE-B)](https://www.fda.gov/food/fooddefense/toolseducationalmaterials/ucm295902.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Disease Outbreak Investigation Tabletop Exercise (Hepatitis A)](https://azdhs.gov/documents/preparedness/epidemiology-disease-control/infectious-diseases-training/2017/presentations/hep-a-sitman-azid-2017-player-web.pdf) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (AZ) * [Traceback Investigations C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png](https://orauportal.fda.gov/stc/ORA/psciis.dll?CLASS=ORA&CODE=%25) | * [Certified Professional, Food Safety (CP-FS Credential](https://www.neha.org/professional-development/credentials/cpfs) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png |
| **COMPETENCY 12** | **Traceback investigations** | Explains the purpose of traceback and trace forward investigations and the roles of local, state and federal agencies | Conducts traceback and trace forward investigations in collaboration with state and federal partners | Facilitates and advises on traceback and trace forward investigations in collaboration with other state and federal agencies |
| **Competency 12**  **Trainings** | | * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Foodborne Illness Outbreak Investigation - CIFOR Updates](https://www.train.org/virginia/course/1019164/live_event) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (VA) * [Foodborne Outbreak Challenge](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/FOC_Organizer_Materials.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Introduction to the Food Emergency Response Network (FERN)](https://www.fernlab.org/index.cfm/resources/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Legal Aspects of Public Health Food Safety](http://www.nwcphp.org/training/opportunities/online-courses/legal-aspects-food-safety) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Pining for a Common Source, a Foodborne Illness Outbreak Investigation: Table Top Exercise](https://nyfoodsafety.cals.cornell.edu/training/case-studies/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Traceability](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8042W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Basics of Inspection: Beginning an Inspection](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FDA38) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Health Investigations](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Food Related Emergency Exercise Bundle (FREE-B)](https://www.fda.gov/food/fooddefense/toolseducationalmaterials/ucm295902.htm) * [Traceback Investigations C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER220) | * [Epi-Ready for Response Teams](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=ER324) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |
| **COMPETENCY 13** | **Outbreak communication** | Recognizes the importance of communicating with external partners and stakeholders | Communicates results of the environmental assessment to external partners and stakeholders | Responds to requests from the media, external partners and stakeholders for information on the foodborne illness outbreak investigation |
| **Competency 13**  **Trainings** | | * [Communication Skills](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8030W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Communication Skills for Regulators](https://www.accessdata.fda.gov/ORAU/CommRegulators/indexMenu.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Quick Train](http://csph.ucdenver.edu/coe-foodsafety/captivate/EAQT/SP/splash.html)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Investigation and Response Team Roles and Responsibilities, Part A](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [I is for Investigation](https://sph.unc.edu/nciph/i-is-for-investigation/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Investigation Principles](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8020W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Legal Aspects of Public Health Food Safety](http://www.nwcphp.org/training/opportunities/online-courses/legal-aspects-food-safety) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Pining for a Common Source, a Foodborne Illness Outbreak Investigation: Table Top Exercise](https://nyfoodsafety.cals.cornell.edu/training/case-studies/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Professionalism](https://orauportal.fda.gov/stc/ora/psciis.dll?COURSE=ora&CODE=CC8025W) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [PUBH 541 Student Outbreak Rapid Response Training (SORRT)](https://publichealth.utk.edu/certificates/food-safety/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (TN) * [Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Online)](http://csph.ucdenver.edu/coe-foodsafety/captivate/polka/polkacasestudy.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * Three Steps and a Hop: A Foodborne Illness Outbreak Investigation Case Study (Paper Based) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png   + [Instructor Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Instructor%20with%20Appendices.pdf)   + [Student Guide (PDF)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Participant%20with%20Appendices.pdf)   + [Tabletop Slides (PPT)](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Documents/Polka%20Table%20Top%20Slides.pptx) | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Food Related Emergency Exercise Bundle (FREE-B)](https://www.fda.gov/food/fooddefense/toolseducationalmaterials/ucm295902.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Initial Foodborne Illness Investigations](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png | * [Building Skills in Case Presentation](http://csph.ucdenver.edu/coe-foodsafety/captivate/TCHD/casepresentation.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [E is for Epidemiology](https://sph.unc.edu/nciph/e-is-for-epi/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Disease Outbreak Investigation Tabletop Exercise (Hepatitis A)](https://azdhs.gov/documents/preparedness/epidemiology-disease-control/infectious-diseases-training/2017/presentations/hep-a-sitman-azid-2017-player-web.pdf) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (AZ) |
| **COMPETENCY 14** | **Quality Improvement** | Explains the importance of evaluation and continuous quality improvement | Implements strategies for evaluation and continuous quality improvement | Develops strategies for evaluation and continuous quality improvement |
| **Competency 14**  **Trainings** | | * [CIFOR Webinar Series](https://nyfoodsafety.cals.cornell.edu/training/cifor-webinar-series/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Outbreak Investigation - CIFOR Updates](https://www.train.org/virginia/course/1019164/live_event) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [General Education Course: HACCP](http://www.vet.utk.edu/cafsp/online/ge_haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [Providing a Solid Foundation for a Hazard Analysis and Critical Control Points (HACCP) System](http://www.vet.utk.edu/cafsp/online/haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png | * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png |  |
| **COMPETENCY 15** | **Report Writing** | Lists the items that would be included in a written summary of a foodborne illness outbreak environmental assessment | Prepares a foodborne illness outbreak environmental assessment report | Mentors staff on effective report writing during a foodborne illness outbreak investigation |
| **Competency 15**  **Trainings** | | * [Basics of HACCP](https://www.fda.gov/training-and-continuing-education/office-training-education-and-development-oted/course-descriptions-objectives) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Communication Skills for Regulators](https://www.accessdata.fda.gov/ORAU/CommRegulators/indexMenu.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Challenge](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/FOC_Organizer_Materials.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Foodborne Outbreak Investigation and Response Team Roles and Responsibilities, Part A](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [General Education Course: HACCP](http://www.vet.utk.edu/cafsp/online/ge_haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [I is for Investigation](https://sph.unc.edu/nciph/i-is-for-investigation/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Pining for a Common Source, a Foodborne Illness Outbreak Investigation: Table Top Exercise](https://nyfoodsafety.cals.cornell.edu/training/case-studies/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Providing a Solid Foundation for a Hazard Analysis and Critical Control Points (HACCP) System](http://www.vet.utk.edu/cafsp/online/haccp.php) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.png * [PUBH 541 Student Outbreak Rapid Response Training (SORRT)](https://publichealth.utk.edu/certificates/food-safety/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (TN) | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Epi-Ready: Foodborne Disease Outbreak Investigation Team Training](https://www.neha.org/professional-development/education-and-training/epi-ready-team-training/epi-ready-online-materials)C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png * [Food Related Emergency Exercise Bundle (FREE-B)](https://www.fda.gov/food/fooddefense/toolseducationalmaterials/ucm295902.htm) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations 6: Final Report](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FI06) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [FSIS Foodborne Illness Investigations: Current Thinking](https://slideplayer.com/slide/7516868/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [National Outbreak Reporting System (NORS) Form Video](https://publichealthpractice.org/civicrm/event/info?id=125) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Salmonella in the Caribbean](https://www.cdc.gov/epicasestudies/classroom_salmonella.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |  |
| **COMPETENCY 16** | **Outbreak reporting** | Describes the importance of reporting foodborne illness outbreaks to national surveillance | Assists in the reporting of foodborne illness outbreaks to national surveillance | Improves the quality and completeness of foodborne illness outbreak data reported to national surveillance |
| **Competency 16**  **Trainings** | | * [Basics of HACCP](https://www.fda.gov/training-and-continuing-education/office-training-education-and-development-oted/course-descriptions-objectives) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 101: Foundation Skills](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-101.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Illness Investigations 1: Collecting Surveillance Data](https://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm119113.htm#FI01) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Foodborne Outbreak Challenge](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/FOC_Organizer_Materials.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Foodborne Outbreak Investigation and Response Team Roles and Responsibilities, Part B](https://foodsafety.utk.edu/?page_id=29) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [I is for Investigation](https://sph.unc.edu/nciph/i-is-for-investigation/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Introduction to NEARS](https://www.youtube.com/watch?v=6d6oGPxyBB0) * [PUBH 541 Student Outbreak Rapid Response Training (SORRT)](https://publichealth.utk.edu/certificates/food-safety/) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\money-dollar-circle-512.pngC:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (TN) | * [Applied Outbreak Investigation (AOI) Training](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/foodsafety/Training1/Pages/Applied-Outbreak-Investigation-Training.aspx) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\11-118720_person-icon-png-consumer-icon.png (CO) * [Environmental Assessment Just-In-Time Training](http://cofoodsafety.wixsite.com/eajitt) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Environmental Assessment Training Series (EATS) 102: Skill Building](https://www.cdc.gov/nceh/ehs/elearn/eats/continuing-education-eats-102.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [National Outbreak Reporting System (NORS) Form Video](https://publichealthpractice.org/civicrm/event/info?id=125) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png * [Salmonella in the Caribbean](https://www.cdc.gov/epicasestudies/classroom_salmonella.html) C:\Users\mrobbi26\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Headphones-With-Music-Clip-Art-PNG.png |  |

1. Outbreak investigative teams are made up of a variety of professionals, including: epidemiologists, microbiologists, environmental health professionals, regulatory

   compliance officers and inspectors, and health communication specialists. A team may add other professionals as the investigation proceeds. [↑](#footnote-ref-1)