Effectiveness of Enhanced Home-Based Asthma Assessments To Reduce Asthma Triggers and Hospital Visits

Also in this issue…
- District Conference Agendas
- New R.S. Exam Score
The object and purpose of the Association shall be the betterment of the health and welfare of mankind through the improvement of the environment. This shall be done by sponsoring state and regional meetings and publications, by developing methods of measuring and evaluating achievements in environmental health, the establishment of a central point of reference and education material for the membership, the procurement of cooperation with other agencies and organizations, and such other activities as will lead to the greater efficiency and professional growth of the membership.

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The appearance of advertising in this publication does not necessarily include its endorsement.

To include articles or other materials for publication, contact: Adam Howard, Dustin Kent, or Tracy Buchanan

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1 Year: $216
Ohio Journal of Environmental Health

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President’s Message

Carrie Yeager, R.S.
Butler County Health Department

As the summer comes to a close, I am looking forward to attending each of the 4 District Conferences. This will be the first time that I am attending a district conference other than SW. I look forward to meeting our membership that is unable to attend the Spring AEC. I am excited to see how each of the conferences differ, and learn new ideas that I can take back to the SW planning committee.

If you are looking for ways to become involved in OEHA, please consider joining one of the district planning committees. New members with new ideas for session topics are always welcome. Districts are also always looking for next year’s District Director Elect. This two-year commitment is a great way to become involved and learn what OEHA does for the membership. If planning a conference is not your cup of tea, the OEHA technical committees can always use new members. You can find a list of the technical committees and the chair-person of each committee on the website.

Summer has been very busy for OEHA. We worked closely with our Lobbyist at Hicks Partners throughout the biennial budget process that went on far longer than anyone predicted. OEHA was able to influence the legislature to remove the Body Art Language that needed to be revised to ensure that Body Art Program is brought up to current industry standards, and can be updated easily as new Body Modification techniques emerge in our facilities. We also successfully removed the Registered Sanitarian language from the Budget Bill to prevent changes to the law that would negatively affect our membership.

OEHA continues to work on the Food Survey Methodology issues and will be asking membership for input on how they would like for the Board of Directors to proceed. This issue can only be moved forward with help from membership throughout the entire state and every Health District. We must all be on the same page with our message and how the surveys are conducted in our Departments so that we are not fighting amongst ourselves and sending mixed messages to ODH and ODA. If you would like to discuss this matter further you can contact me directly by email, or please come speak with me at one of the District Conferences.

On a final note OEHA had a strong presence this year at the NEHA conference in Nashville. Both our Past President and President Elect were presenters at the conference. A good time was had by all who attended. I encourage everyone to not only be members of OEHA, but to also become members of NEHA. I would also like to congratulate Niki Lemin from Franklin County Public Health who is now the Region 6 Vice President for NEHA. I know she will do [a] great job in this position.
FDA Food Code Section 4.703.11 (B)
“achieving a UTENSIL surface temperature of 71°C (160°F) as measured by an irreversible registering temperature indicator”

The FDA Requires a Dish Temperature of 71°C/160°F

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Meet the Vice President

Sarah Jensen, MPH, R.S., REHS, CP-FS
Savor Safe Food

Sarah currently works as the Managing Director of the Great Lakes Region of the Worthington, Ohio based Savor Safe Food. There she works with the food service industry to ensure food safety, health department cohesion, conduct validation studies, develop customized audits for clients, as well as train field auditors for brand protection, quality/sanitation control, and regulatory compliance audits. She specializes in developing HACCP plans and variance applications. She also teaches ServSafe classes. Her career in food safety began with employment as a registered sanitarian for Greene County Public Health, in Greene County Ohio.

During her employment, she focused on regulatory compliance audits, food safety education, and food service plan reviews, to promote food safety in all stages of food service growth and development. It was during this time she learned how to coach food service managers to embrace a preventative food safety culture rather than a reactive one.

Sarah is an active member of several organizations, holding the position of vice-president of the Ohio Environmental Health Association, and through acceptance of a four-year leadership role for the board of directors of the Ohio Association for Food Protection, of which she is currently the second vice president. She regularly attends and helps plan food safety conferences in the state of Ohio. She is also involved in the National Environmental Health Association, the Ohio Restaurant Association, the International Association for Food Protection, and the Conference for Food Protection. Furthermore, she participates in food safety training development.
with the National Restaurant Association’s ServSafe Allergens Work Group, in Orlando, Florida.

For her educational pursuits, she attended Wittenberg University in Springfield, Ohio where she earned a bachelor’s degree in biology with minors in sociology and health science. She went on to earn her Master of Public Health (MPH) degree with a focus on health policy and management from Kent State University. Prior to enrolling in Wittenberg, she attended Alderson-Broaddus College and Fairmont State University where she studied business and obtained a degree in emergency medical services management. She worked as an Emergency Medical Technician for four years. In her endeavor to become a polymath, she has also attended the following universities through an International Honors Scholar Program: The University of Johannesburg, South Africa; the Beijing Language and Culture University in Beijing, China; the University of Southern California (USC) – Marshall School of Business in Los Angeles, California; the University of California at Los Angeles (UCLA) – Anderson School of Management in Los Angeles, California; the University of South Carolina in Columbia, South Carolina, and the University of Notre Dame, in Notre Dame, Indiana. It was at these schools where she became educated in organizational leadership, human resources, public health planning, business communication, new product development, contemporary Chinese culture, business foundations, leading and managing a startup, servant leadership, global entrepreneurship, the fundamentals of finance, marketing management, and project, operations, and supply chain management. She continues to further her education through numerous courses in food safety, workforce development, organizational leadership, cultural competency, and disaster planning, among others.

She currently maintains registration as a sanitarian (R.S.) in the state of Ohio, along with the additional credentials of Registered Environmental Health Specialist (REHS), HACCP Manager, and Certified Professional in Food Safety (CP-FS) through the National Environmental Health Association. She holds certification as a ServSafe® instructor and proctor. She is a Certified Pool Operator through the National Swimming Pool Foundation. In her free time, she enjoys reading, writing, photography, and conducting food safety and quality research with her partner.
# 2019 NWOEHA Fall Conference
## Conference Agenda

**Thursday, October 3, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am - 8:30 am</td>
<td>Registration / Continental Breakfast</td>
</tr>
<tr>
<td>8:30 am - 8:45 am</td>
<td>Business Meeting/ Opening Comments</td>
</tr>
<tr>
<td>8:45 am - 9:45 am</td>
<td>Brian Cunningham, Director of Human Resources</td>
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<td></td>
<td>Lucas County Human Resources Dept</td>
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<tr>
<td></td>
<td><em>What did you just say? Non-Verbal Communication in Customer Service</em></td>
</tr>
<tr>
<td>9:45 am - 10:00 am</td>
<td>BREAK</td>
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<tr>
<td></td>
<td>ALOESWOOD/LEOPARDWOOD</td>
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<tr>
<td>10:00 am - 10:45 am</td>
<td>Justin Chaffin, PhD- OSU Stone Lab</td>
</tr>
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<td>Harmful Algal Blooms</td>
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<tr>
<td>10:45 am - 11:30 am</td>
<td>Ansel Arroyo Rodriguez- OHEA</td>
</tr>
<tr>
<td></td>
<td>Composting regulations</td>
</tr>
<tr>
<td>11:30 am - 12:30 pm</td>
<td>LUNCH / AWARDS IN SAGWOOD</td>
</tr>
<tr>
<td>12:30 pm - 1:30 pm</td>
<td>Brian Snyder- Executive Director, InFACT</td>
</tr>
<tr>
<td></td>
<td>Initiative for Food and Agriculture Transformation</td>
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<tr>
<td></td>
<td>ALOESWOOD/LEOPARDWOOD</td>
</tr>
<tr>
<td>1:30 pm - 2:15 pm</td>
<td>Brian Snyder- InFACT Workshop</td>
</tr>
<tr>
<td></td>
<td>ROSEWOOD</td>
</tr>
<tr>
<td>2:15 pm - 2:30 pm</td>
<td>Corey Schwab, RS- ODH</td>
</tr>
<tr>
<td></td>
<td>Pool Inspection trends and troubleshooting</td>
</tr>
<tr>
<td>2:30 pm - 3:15 pm</td>
<td>ALOESWOOD/LEOPARDWOOD</td>
</tr>
<tr>
<td>3:15 pm - 4:15 pm</td>
<td>Scott Hetrick- Norweco</td>
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<tr>
<td></td>
<td>TAC approval of STS components</td>
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<td></td>
<td>Steve Ruckman, RS, MPH- Worthington Schools, OEHA President Elect</td>
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<tr>
<td></td>
<td>Correlation between less student absences and increased school sanitation practices</td>
</tr>
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<td></td>
<td>Colin Bishop, RS- ANUA</td>
</tr>
<tr>
<td></td>
<td>Impact of commercial food establishments on onsite STS</td>
</tr>
</tbody>
</table>

Total CEUs: 6
# 2019 NWOEHA Fall Conference
## Conference Agenda

**Friday, October 4, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am - 8:30 am</td>
<td>Registration / Continental Breakfast</td>
</tr>
</tbody>
</table>
| 8:30 am - 8:45 am | Opening Comments/ Close of Business Meeting  
President’s Message  
Aloeswood/Leopardwood |
| 8:45 am - 9:45 am | Dr. Tim Murphy- University of Findlay  
Getting your monies worth- Hiring from EHAC accredited schools |
| 9:45 am - 10:00 am | **BREAK**                                                                                                                                 |
| 10:00 am - 10:45 am | **ALOESWOOD**  
David Hunt- Chief of Enforcement,ODA  
Agriculture Enforcement Duties |
| 10:45 am - 11:30 am | **ROSEWOOD**  
Jim Warner, Lab Manager - Erie County Health Department  
#1 & #2 reasons to check your beach water quality |
| 11:30 am - 12:30 pm | **LUNCH IN SAGEWOOD**                                                                                                                   |
| 12:30 pm - 1:30 pm | **ALOESWOOD**  
Tony Legando, Huron Schools (Ret.)  
The lead.......Just take it!! |
| 1:30 pm - 2:15 pm | **ROSEWOOD**  
Gina Kramer, President- Savour Food Safety International  
Reduced Oxygen Packaging  
Patrick McCarthy  
Mill certificates & why you need a sterilization room |
| 2:15 pm - 3:15 pm | **SAGEWOOD**  
EH Director’s Mtg. |
| 3:15 pm - 3:30 pm | **ALOESWOOD**  
Dan Holmes- NSF  
Legionnaires and other water borne illnesses |
|               | **ROSEWOOD**  
Patrick McCarthy  
Mill certificates & why you need a sterilization room |
|               | **SAGEWOOD**  
EH Director’s Mtg. |

Total CEU's: 5.25  
Total CEU's for both days: 11.25
## 2019 Northeast District OEHA Fall Educational Conference

### Fall Educational Conference Agenda

<table>
<thead>
<tr>
<th>Time Slots</th>
<th>Speaker</th>
<th>Topic Title</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 – 8:15</td>
<td>Registration</td>
<td></td>
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<tr>
<td>8:15 – 8:25</td>
<td>Business Meeting</td>
<td></td>
<td></td>
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<tr>
<td>8:25 – 8:50</td>
<td>District Director and President’s Address</td>
<td>Colton Masters and Carrie Yeager</td>
<td></td>
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<tr>
<td>8:50 – 9:50</td>
<td>Shane Bates</td>
<td>Human Trafficking- an Overview for the Public Health Professional</td>
<td></td>
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<tr>
<td>9:50 – 10:10</td>
<td>Break – Visit Exhibitors</td>
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<tr>
<td></td>
<td>Paul Cavalluzzi</td>
<td>Proper Sizing of Grease interceptors</td>
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<tr>
<td></td>
<td>Barry Grisez</td>
<td>Ohio Pool Rules and the Model Aquatic Health Code</td>
<td></td>
</tr>
<tr>
<td>11:10 – 12:10</td>
<td>Sam Rubens</td>
<td>What is Driving our Particulate Matter Decline?</td>
<td></td>
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<tr>
<td></td>
<td>Steve Bopple</td>
<td>The States Closure of the Central Waste Landfill</td>
<td></td>
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<tr>
<td></td>
<td>Heather Robinson</td>
<td>Search &amp; Seizure for Sanitarians</td>
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<tr>
<td>12:10 – 1:10</td>
<td>Lunch</td>
<td></td>
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<tr>
<td>1:10 – 2:10</td>
<td>Christina Yoka</td>
<td>Health Disparities, Air Quality and a Changing Climate</td>
<td></td>
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<tr>
<td></td>
<td>Michael Naymik</td>
<td>Wetlands and Their role in Water Quality</td>
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<tr>
<td></td>
<td>Randy Conforti</td>
<td>Commercial Cooking Appliance Inspections</td>
<td></td>
</tr>
<tr>
<td>2:10 – 3:10</td>
<td>Darrell McQuire, Rick Becker</td>
<td>Health Department Information Systems (HDIS)</td>
<td></td>
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<tr>
<td></td>
<td>Krista Gesaman</td>
<td>One Drop at a Time; Educating System Owners about Water &amp; Wastewater</td>
<td></td>
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<tr>
<td></td>
<td>Timothy Murphy</td>
<td>Cost Savings of Hiring From an Accredited Environmental Health Academic Program</td>
<td></td>
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<tr>
<td>3:10 - 3:30</td>
<td>Break – Visit Exhibitors</td>
<td></td>
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<tr>
<td>3:30 – 4:30</td>
<td>Erin Neylon</td>
<td>Food Safety Speedbumps – A Risk Management Plan</td>
<td></td>
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<tr>
<td></td>
<td>Courtney Myers</td>
<td>Sewage O&amp;M: Where to Begin?</td>
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<tr>
<td></td>
<td>Brandon Mantel</td>
<td>Diagnostic Procedures for Solving Water Well Problems</td>
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<tr>
<td>4:30 – 5:30</td>
<td>Hospitality Rooms</td>
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<tr>
<td>5:30 – 7:30</td>
<td>Banquet and Entertainment:</td>
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</tr>
<tr>
<td>7:30 – 12:00</td>
<td>Hospitality Rooms</td>
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</tbody>
</table>
## 2019 Northeast District OEHA Fall Educational Conference

### Fall Educational Conference Agenda

<table>
<thead>
<tr>
<th>Time Slots</th>
<th>Speaker</th>
<th>Topic Title</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>8:30 – 9:00</td>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00 – 10:00</td>
<td>Jeffery Raines</td>
<td>Rabies in Stark County</td>
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<tr>
<td></td>
<td>Robert Brand</td>
<td>Climate Impacts on Human Health</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ali Corrigan</td>
<td>Noro With a Splash of Giardia – An Outbreak Investigation</td>
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<tr>
<td>10:00 – 10:15</td>
<td>Break – Visit Exhibitors</td>
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<tr>
<td>10:15 – 11:15</td>
<td>Lynn Denny</td>
<td>Lyme Disease in Ohio; An Epidemiologists View</td>
<td></td>
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<tr>
<td></td>
<td>Mark Adams</td>
<td>Soooo, Anyone Can Be a Leader, Right?</td>
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<tr>
<td></td>
<td>Tom Blackford</td>
<td>FSO/RFE Plan Review</td>
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<tr>
<td></td>
<td>Jim Armstrong</td>
<td></td>
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<tr>
<td>11:15 – 12:15</td>
<td>Scott Pozna</td>
<td>A Mosquito Complaint which turned into a Multi-Age Tire Site Cleanup</td>
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<td></td>
<td>Justin Carpenter</td>
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<tr>
<td></td>
<td>Paul Rice</td>
<td>Advances in Pre-Treatment</td>
<td></td>
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<tr>
<td></td>
<td>Steve Shaffer</td>
<td>Dealing with an Angry Person</td>
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<tr>
<td>12:15 – 1:15</td>
<td>Lunch</td>
<td></td>
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<tr>
<td>1:15 – 2:15</td>
<td>Melinda Lee</td>
<td>Current Threats of the Honey Bee</td>
<td></td>
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<tr>
<td></td>
<td>Anuja Sarode</td>
<td>Ambient Air Pollution and Mortality after Heart Transplantation / Reducing Exposure to Hazards among Machine Operators</td>
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<td>Fehintolou Adebajnaj</td>
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<tr>
<td></td>
<td>Mike Tedrick</td>
<td>The Confused Concessionaire</td>
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<td></td>
<td>Tania Rubyet Nur</td>
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<tr>
<td>3:15 – 3:30</td>
<td>Julie Brown</td>
<td>2 Girls, a Guy and a Big Pile of Shi….ngles</td>
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<tr>
<td></td>
<td>Barbra Kowalczyz</td>
<td>The Burden of Foodborne Illness</td>
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<td></td>
<td>Business Meeting and George Eagle raffle drawings</td>
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</tbody>
</table>
# Southeast District Conference

**OEHA Fall Conference – SE District**  
Ohio University Inn, Athens, OH  
Wednesday, September 25, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 - 9:15 am</td>
<td>REGISTRATION</td>
</tr>
<tr>
<td>9:15 - 9:30 am</td>
<td>WELCOME &amp; OPENING BUSINESS MEETING</td>
</tr>
<tr>
<td>Ballroom</td>
<td>Jeff Gibbs, Franklin County Public Health</td>
</tr>
<tr>
<td></td>
<td>Southeast District Director</td>
</tr>
<tr>
<td>9:30 - 10:45 am</td>
<td>100 Years of Public Health</td>
</tr>
<tr>
<td>Ballroom</td>
<td>Wally Burden, Ohio Department of Health</td>
</tr>
<tr>
<td>10:45 - 11:00 am</td>
<td>BREAK &amp; EXHIBITS – Lindley Room</td>
</tr>
<tr>
<td>11:00 - 12:00 pm</td>
<td>CONCURRENT SESSIONS</td>
</tr>
<tr>
<td>Galbreth Room</td>
<td>1. Public Swimming Pools – Chemicals, automatic disinfection, maintenance</td>
</tr>
<tr>
<td></td>
<td>Taylor Mulder &amp; Bill Jones, Eco Lab</td>
</tr>
<tr>
<td></td>
<td>2. Class II &amp; IV Composting Facility</td>
</tr>
<tr>
<td></td>
<td>Steve Mack, Ohio University</td>
</tr>
<tr>
<td>12:00 - 1:30 pm</td>
<td>Lunch - Carrie Yeager OEHA President</td>
</tr>
<tr>
<td>1:30 - 2:30 pm</td>
<td>CONCURRENT SESSIONS</td>
</tr>
<tr>
<td>Galbreth Room</td>
<td>1. Catalyzing Food Waste Reduction through Collective Impact</td>
</tr>
<tr>
<td></td>
<td>Lucy Schroder, Solid Waste Authority of Central Ohio</td>
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<tr>
<td></td>
<td>2. Vector Program - Using ArcGIS Online and Other ESRI Apps to Collect and Share Data</td>
</tr>
<tr>
<td></td>
<td>Sarah Fink - Franklin County Public Health</td>
</tr>
<tr>
<td>2:30 - 2:45 pm</td>
<td>BREAK &amp; EXHIBITS – Lindley Room</td>
</tr>
<tr>
<td>2:45 - 3:45 pm</td>
<td>CONCURRENT SESSIONS</td>
</tr>
<tr>
<td>Galbreth Room</td>
<td>1. Food Safety – Customer Satisfaction Surveys</td>
</tr>
<tr>
<td></td>
<td>Garrett Guilfozet, Franklin County Public Health</td>
</tr>
<tr>
<td></td>
<td>2. Sustainable Infrastructure Needs - Community Solutions through Ohio’s Revolving Funds</td>
</tr>
<tr>
<td></td>
<td>Jerry Rouch - Chief, Division of Environmental &amp; Financial Assistance, Ohio Environmental Protection Agency</td>
</tr>
<tr>
<td>3:45 – 4:45 pm</td>
<td>GENERAL SESSION</td>
</tr>
<tr>
<td>Ballroom</td>
<td>Winning at Home with Jackie O’s – Sustainably Crafted with Purpose</td>
</tr>
<tr>
<td></td>
<td>Andrew Arthur (Art) Oestrike - Jackie O’s Brewery</td>
</tr>
<tr>
<td>5:00 pm – 7:00 pm</td>
<td>Dinner (On Your Own) – Explore Athens!</td>
</tr>
<tr>
<td>7:00 pm - ???</td>
<td>Hospitality Rooms Open</td>
</tr>
</tbody>
</table>
Southeast District Conference

OEHA Fall Conference – SE District
Ohio University Inn, Athens, OH
Thursday, September 26, 2019

7:30 - 9:30 am  REGISTRATION & BREAKFAST BUFFET

8:30 - 9:30 am  GENERAL SESSION
Ballroom  Legal Update – Ohio Case Law & Attorney General Opinions relevant to the practice of Environmental Health
Joe Durham, Eastman & Smith

9:30 - 10:45 am  CONCURRENT SESSIONS
Galbreth Room  1. Thoughts on Being a Generalist – Why Public Health Desperately Needs Them
Lee Carl Finley, New Philadelphia City Health Department

Foundation Room  2. Sewage Outfalls – GIS Mapping
Sacha Mkhiedze, Franklin Soil & Water Conservation District
Nathan Ralph, Franklin County Public Health

10:45 - 11:00 am  BREAK & EXHIBITS – Lindley Room

11:00 - 12:00 pm  CONCURRENT SESSIONS

Galbreth Room  1. Underground Body Art
Sarah Badenhop, Columbus Public Health

Foundation Room  2. Shifting from Response: Preventative Model for Managing Risk from Building Water Systems and Strategies for Organizing a Legionella Investigation
Dann Holmes, Christopher Boyd, Andrew Ward, NSF

12:00 - 1:30 pm  LUNCH – AWARDS & RETIREE RECOGNITION

1:30 - 2:30 pm  CONCURRENT SESSIONS
Galbreth Room  1. Voluntary National Retail Food Regulatory Program Standards Overview
Jon Tran, Retail Food Protection Branch II, U.S. Food & Drug Administration

Foundation Room  2. Rabies Control – Continuous Quality Improvement (PDCA Cycle)
Tara Tucker, Franklin County Public Health

2:30 - 2:45 pm  BREAK & EXHIBITS – Lindley Room

2:45 – 3:45 pm  GENERAL SESSION
Ballroom  Health Equity & Environmental Health: Understanding the Connection
Niki Lemin, Franklin County Public Health

3:45 pm – 4:30 pm  FINAL BUSINESS MEETING
ELECTION RESULTS
## October 2, 2019 Wednesday

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM - 8:15 AM</td>
<td>Registration</td>
<td>Brian Williamson, RS&lt;br&gt;Norwood Health Department&lt;br&gt;SW OHEA District Director</td>
</tr>
<tr>
<td>8:15 AM - 8:45 AM</td>
<td>Welcome &amp; Business Meeting</td>
<td>Brian Deenihan&lt;br&gt;Clarke Mosquito Control</td>
</tr>
<tr>
<td>8:45 AM - 10:00 AM</td>
<td>General Session&lt;br&gt;Legionella</td>
<td>Dann Holmes&lt;br&gt;NSF</td>
</tr>
<tr>
<td>10:00 AM - 10:15 AM</td>
<td>Room Change</td>
<td></td>
</tr>
<tr>
<td>10:15 AM - 11:15 AM</td>
<td>Interacting with Florida Public Health Officials to Combat Zika Virus</td>
<td>Brian Deenihan&lt;br&gt;Clarke Mosquito Control&lt;br&gt;&lt;br&gt;Legionella: Research, Mitigation, and Regulation&lt;br&gt;&lt;br&gt;Colin White&lt;br&gt;Environmental Mosquito Control&lt;br&gt;Emerging Contaminants Section, Ohio EPA&lt;br&gt;Central Office&lt;br&gt;&lt;br&gt;Hamilton County Public Health's Approach to Enforcement&lt;br&gt;&lt;br&gt;Jeremy Hessel&lt;br&gt;Hamilton County Public Health</td>
</tr>
<tr>
<td>11:15 AM - 12:15 PM</td>
<td>LUNCH</td>
<td></td>
</tr>
<tr>
<td>12:15 PM - 1:15 PM</td>
<td>Design of Onsite Wastewater Treatment Systems</td>
<td>Ryan Hillard&lt;br&gt;Hillard Engineering &amp; Surveying</td>
</tr>
<tr>
<td>1:15 PM - 1:30 PM</td>
<td>Room Change</td>
<td></td>
</tr>
<tr>
<td>1:30 PM - 2:30 PM</td>
<td>Microblading: The Evolution and Art of Manual Tattooing</td>
<td>Erica Kidder&lt;br&gt;Studio Hue</td>
</tr>
<tr>
<td>2:30 PM - 2:45 PM</td>
<td>Break</td>
<td>Carrie Yeager, RS&lt;br&gt;Butler County General Health District&lt;br&gt;OHEA President</td>
</tr>
<tr>
<td>2:45 PM - 3:00 PM</td>
<td>Presidents Address</td>
<td>Carrie Yeager, RS&lt;br&gt;Butler County General Health District&lt;br&gt;OHEA President</td>
</tr>
<tr>
<td>3:00 PM - 4:15 PM</td>
<td>General Session&lt;br&gt;Nuclear Winter Blues- CRC Full Scale Exercise</td>
<td>Tracy Clave&lt;br&gt;Public Health- Dayton &amp; Montgomery County</td>
</tr>
</tbody>
</table>
## Southwest District Conference

**October 3, 2019 Thursday**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM - 8:15 AM</td>
<td>Registration</td>
<td></td>
</tr>
<tr>
<td>8:15 AM - 9:30 AM</td>
<td>General Session Public Health and Natural Disasters</td>
<td>Jennifer Wentzel Public Health- Dayton &amp; Montgomery County</td>
</tr>
<tr>
<td>9:30 AM - 9:45 AM</td>
<td>Room Change</td>
<td></td>
</tr>
<tr>
<td>9:45 AM - 10:45 AM</td>
<td>Public Health, Natural Disasters and Environmental Health’s Role</td>
<td>Jennifer Wentzel &amp; Matthew Tyler Public Health- Dayton &amp; Montgomery County</td>
</tr>
<tr>
<td></td>
<td>The Sweet Things about Public Health</td>
<td>Eric J. Zgodzinski Toledo-Lucas County Health Department</td>
</tr>
<tr>
<td></td>
<td>Dogs on Patios – A Different Perspective</td>
<td>4 Paws for Ability</td>
</tr>
<tr>
<td>10:45 AM - 11:00 AM</td>
<td>Room change</td>
<td></td>
</tr>
<tr>
<td>11:00 AM - 12:00 PM</td>
<td>New Concepts in Wastewater Treatment</td>
<td>Paul Rice Tangent Company, LLC</td>
</tr>
<tr>
<td></td>
<td>Jumping into the Pool – An In-Depth Look at the Operation of Public Swimming Pools to Help Improve Inspection Quality</td>
<td>Cory Schwab Ohio Department of Health</td>
</tr>
<tr>
<td></td>
<td>Rabies: Fighting the Bite!</td>
<td>Whitney Jones Ohio Department of Health</td>
</tr>
<tr>
<td>12:00 PM - 1:00 PM</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>1:00 PM - 2:00 PM</td>
<td>Hepatitis A: Statewide Community Outbreak Update</td>
<td>Brandi Taylor Ohio Department of Health</td>
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<td></td>
<td>Searches &amp; Seizures</td>
<td>Adam Nice Assistant Prosecutor Warren County Prosecutor’s Office</td>
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<tr>
<td></td>
<td>Mosquito Testing for Vector Borne Illnesses</td>
<td>Whitney Jones Ohio Department of Health</td>
</tr>
<tr>
<td>2:00 PM - 2:15 PM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>2:15 PM - 4:00 PM</td>
<td>General Session The Ohio Ethics Law: Can I Do That?</td>
<td>Susan Willeke Ohio Ethics Commission</td>
</tr>
<tr>
<td>4:00 PM - 4:15 PM</td>
<td>Wrap-Up</td>
<td>Brian Williamson, RS Norwood Health Department SW OEHA District Director</td>
</tr>
</tbody>
</table>
ABSTRACT
In 2017, the Clark County Combined Health District initiated the Breathing Easy in Clark County asthma program because home-based asthma assessments are an evidence-based method to identify asthma triggers and discuss corrective actions. But, there is an accumulating body of research indicating that exposure to sodium hypochlorite and quaternary ammonium compounds in household cleaning products aggravate asthma AND research indicating that clients who are involved with indoor air quality monitoring have increased interest in air quality concepts and more confidence to mitigate problems. So, the program enhanced its home-based asthma assessments with measurements of indoor air quality parameters (carbon dioxide, carbon monoxide, temperature, and relative humidity) and measurements of sanitizer concentrations in cleaning products present in clients’ homes. That is, the program added discussions of potential asthma exacerbations associated with inadequate fresh air, too-high or too-low temperatures, dampness, and fumes produced by too-strong cleaning products in order to increase teachable moments and empowerment opportunities. The program received referrals from local hospitals, primary care providers, and clinics; requests from the public; grant-funding for supplies; and cost-cutting assistance from partners. Reports were sent to primary care providers to assist with patient treatment. Follow-up contacts with clients were made at 30-day and 6-month intervals to confirm trigger reductions, provide supplies, and determine the number of post-assessment emergency department visits. The program has served 74 children and 58 adults since 2017, with an average 63% reduction in asthma triggers and indoor air quality issues; an average 48% reduction in the use of harsh cleaners; and reductions in emergency department and unscheduled primary care provider visits of 89% at 30-days and 75% at 6-months.

What is asthma?
Asthma is a chronic disease in which airways swell and make breathing difficult. Asthma exacerbations (attacks) are caused by triggers, including allergens (such as dust mites, pet dander, and mold spores) and irritants (such as secondhand tobacco smoke, chemical fumes, and particles). They are also caused by conditions, such as exercise and upper respiratory infections (URI’s) (1). Difficult breathing during an asthma attack explains the fish out of water analogy of EPA’s “Dusty the Asthma Goldfish.”

Why did the Clark County Combined Health District start an asthma program?
In 2015, the Clark County Combined Health District (CCCHD) conducted a Community Health Assessment and identified asthma as a chronic disease of concern in Clark County (2). In a 2015 telephone survey of Clark County adults, 19.1% said that they had been diagnosed with asthma and, of those, 38.1% said that they had had an asthma attack and 16.8% said that they had visited a hospital or urgent care in the last year (3). These numbers were higher than the Ohio average of 14.2% and the national average of 14.1% (4). Also, in a 2015 survey of Clark County teens, 27.9% said they had been diagnosed with asthma (5), greater than the national average of 21% (6). So, in 2017, as part of the Community Health Effectiveness of Enhanced Home-Based Asthma Assessments To Reduce Asthma Triggers and Hospital Visits

Anne Kaup-Fett, R.S., MS
NEHA Certified Healthy Homes Specialist
Clark County Combined Health District

Figure 1. Asthma Program Activities.
Collaborate with the ODH to ensure that the program is consistent with the State Health Improvement Plan
Reach out to local clinics & providers
Assess homes, ID triggers, & check IAQ
Provide guidance to reduce triggers
Encourage Asthma Action Plans
Provide supplies to reduce triggers
Work with local & state partners
Apply for grant-funding for supplies
Present information to the public
Ensure outreach to the target audience
Serve in multiple languages.
Improvement Plan, the existing indoor air quality (IAQ) program was expanded to include the Breathing Easy in Clark County asthma program.

**What were the goals of the program?**

In 2017, the CCCHD committed to reducing asthma-related visits to the Springfield Regional Medical Center (SRMC) Emergency Department (ED) by March 2019. An Asthma Subgroup (with state and local partners) formed to determine activities (Fig. 1).

**Why choose in-home assessments?**

Evidence-based research shows that home visits to identify asthma triggers improve asthma management by correcting home environments and reducing primary care provider (PCP) and hospital visits (7). The Ohio Statewide Asthma Plan encourages sharing IAQ results with PCP’s to assist with therapy (8).

**Why enhance the asthma checklist with IAQ measurements and measurements of sanitizers?**

Individuals who are engaged with the IAQ process understand air quality issues better and have more confidence to mitigate those problems (9). Local experience with IAQ assessments has shown that they provide teachable moments (when clients learn why problems exist) and empowerment opportunities (when clients become more self-reliant when fixing problems) (10). This is important! Many clients have “researched” their problem on the internet and “learned” a lot of misinformation. Easy-to-read and easy-to-understand IAQ results correct wrong ideas and inspire confidence in recommendations.

**Example 1:** Carbon dioxide (CO₂) is an easy-to-measure reverse indicator of fresh air (11). Fresh air dilutes indoor pollutants and purges airborne particles (12, 13). CO₂ rises in houses with limited fresh air supplies, making them prone to odors and prompting the ineffective use of air fresheners (an irritant). Checking CO₂ levels is a teachable moment.
Example 2: There is consistent and accumulating evidence that typical exposures to household products containing sodium hypochlorite (NaOCl) and quaternary ammonium compounds (QAC) cause or exacerbate asthma (15, 16, 17, 18, 19). But, fear of pathogens can lead people to take ill-advised actions, such as using too-strong over-the-counter products, which often require potable water rinses (Fig. 2), or very concentrated homemade bleach mixes (which have irritating fumes). Checking sanitizer concentrations with easy-to-read test strips is a teachable moment.

How were the assessments done?
The program accepted requests and referrals for services from the public, hospitals, and PCP’s. Visits were scheduled and homes were assessed for:
1. Asthma triggers (using the EPA Asthma Home Environment Checklist)
2. IAQ parameters outside recommended ranges (using a TSI Model 8550 Q-Trak IAQ monitor)
3. Damp building materials (using a Tramex Moisture Encounter Plus meter)
4. Inadequate ventilation fans (using a Regin HVAC Products smoke pen)
5. Too-strong cleaners/sanitizers (using Bailey’s Chlorine and Quat-10 test papers)

Parameters are listed in Figure 3. Clients were provided with information to recognize and reduce triggers, to fix IAQ problems, and to find services. The program provided copies of reports to clients and PCP’s (with HIPAA release). Contact was made at 30-days to check on progress, need for PCP or ED visit, and to deliver supplies. Contact was made at 6-months to check on need for PCP or ED visits.

What was the target audience?
Analysis of SRMC ED data found that white males and females (WM and WF) accounted for the majority of ED visits (Fig. 4), but African-American males and females (AAM and AAF) were a health-disparate population (Fig. 5). This was consistent with State of Ohio data that identified the target audience as African-American male children (20).
What were the most common IAQ issues and asthma triggers found in homes?

Figure 6 lists the most common asthma and IAQ issues identified in homes (by percentage), with the testing method, examples of teachable moments/empowerment opportunities for each, the supplies provided, and the percent correction (as observed at the 30-day contact). The most common issues were use of too-strong cleaning products; lack of bedding encasements; lack of knowledge of seasonal allergies and local air quality information sources; dust issues from clutter; mold growth from high humidity, leaks, and damp building materials; no or non-working exhaust fans or failure to use them when bathing; pet issues; elevated CO₂; and exposure to secondhand tobacco smoke (STS).

What action steps were most needed to improve IAQ issues and reduce asthma triggers?

The most needed action steps were exhaust fan checks, consultations on sources of leaks and moisture, recommendations to reduce dampness and increase fresh air, guidance on best ways to clean dusty and moldy areas, recommendations for repairs, local tobacco cessation resources, and use of air quality phone apps and e-mail notifications.

What supplies were available for clients?

The program could provide mattress and pillow-encasements (covers), replacement HEPA vacuum cleaner filters, furnace filters, no-smoking window stickers, and green-cleaning kits and recipes.

What is a green-cleaning kit?

Green-cleaners are common household products (like soap, vinegar, lemon juice, and salt) that clean surfaces without generating fumes or leaving toxic residues (21). Green-cleaners are old-school, but they work well and are cheap. Moreover, leftover mixes don’t need to be disposed at household hazardous waste collection events. The asthma program provided free green-cleaning kits with a bucket, spray bottle, labels, white vinegar, salt, baking soda, microfiber towels, and recipes (Fig. 7).

<table>
<thead>
<tr>
<th>Asthma or IAQ Issue</th>
<th>Testing Method</th>
<th>Teachable Moment &amp; Empowerment Opportunity</th>
<th>% of homes</th>
<th>Supplies provided</th>
<th>% fixed at 30 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use of too-strong cleaning products</td>
<td>Test strips</td>
<td>Use detergents (soap and hot water) to clean Use green cleaning kit to reduce fumes &amp; residues</td>
<td>87</td>
<td>Green-cleaning kit and guidance document</td>
<td>48</td>
</tr>
<tr>
<td>No bedding encasements</td>
<td>Check of bed</td>
<td>Use encasements to reduce exposure to dust mites</td>
<td>76</td>
<td>Bedding encasements</td>
<td>100</td>
</tr>
<tr>
<td>Lack of insight on seasonal allergens</td>
<td>Discussion of issue</td>
<td>Use daily local air quality information to plan activities</td>
<td>56</td>
<td>Info on phone apps and email forecasts</td>
<td>50</td>
</tr>
<tr>
<td>Dust from clutter</td>
<td>Check of house</td>
<td>Reduce clutter to make cleaning easier</td>
<td>51</td>
<td>Green-cleaning kit and guidance document</td>
<td>50</td>
</tr>
<tr>
<td>Mold growth associated with humidity, leaks, or damp areas</td>
<td>IAQ meter &amp; moisture meter</td>
<td>Dry damp areas and clean with detergents Repair leaks and replace absorbent materials Use bathroom exhaust fan during &amp; after bathing</td>
<td>48</td>
<td>Green-cleaning kit and guidance document</td>
<td>43</td>
</tr>
<tr>
<td>No or non-working exhaust fan</td>
<td>Smoke pen</td>
<td>Replace old exhaust fan or install an exhaust fan</td>
<td>47</td>
<td>n/a</td>
<td>20</td>
</tr>
<tr>
<td>Pet issues</td>
<td>Discussion of issue</td>
<td>Keep pets out of bedroom and off furniture</td>
<td>43</td>
<td>n/a</td>
<td>25</td>
</tr>
<tr>
<td>Elevated CO₂</td>
<td>IAQ meter</td>
<td>Open windows on days with good air quality forecasts</td>
<td>24</td>
<td>Info on phone apps and email notifications</td>
<td>70</td>
</tr>
<tr>
<td>Exposure to STS</td>
<td>Discussion</td>
<td>Create and maintain a smoke-free home</td>
<td>29</td>
<td>Window stickers and smoking cessation info</td>
<td>10</td>
</tr>
</tbody>
</table>
Why provide free supplies – why not just advise people to buy their own?

Many clients could and did buy their own supplies, but the intent of the program was to provide supplies for any client who needed them, regardless of income or ability to pay. Also, some supplies were too expensive for some low-income clients. So, since the Boston Children’s Hospital found that having mattress- and pillow-covers and using less-harsh cleaning products decreased hospital visits and admissions (22), the program chose to provide them at no charge.

How did the program pay for these supplies?

Clark County is served by a philanthropic foundation (Community Health Foundation) that provides funding for health safety net services. A $3,240 grant in 2017 allowed the program to purchase a large number of supplies (wholesale and with bulk discounts) for the program.

Okay, so why bother with the home visits? Why not just provide free supplies?

The Tulane University School of Public Health found that assessing homes, identifying triggers, and providing bedding covers was more effective than just providing free covers with no home visit (23).

How did the program address seasonal trends in asthma visits to the hospital?

Asthma visits to hospitals vary per season in all parts of the world (24, 25) and Clark County’s trends can be easily seen when SRMC ED data is charted by month (Fig. 8). The peaks represent the Mid-Winter Peak, thought to be induced by URI’s, dust, and possibly inadequate ventilation (26); the Spring Peak, thought to be induced by seasonal allergies (27); and the September Epidemic, thought to be induced by URI’s and to be improved by an early flu shot (28, 29). The asthma program addressed seasonal peaks by producing infographics (Fig. 9) and other materials to share at home visits and with school nurses, PCP’s, local pharmacies, and the public via meetings, mailings, and social media. Suggested actions:

1. Schedule a pre-school-season office visit
2. Get or update your asthma action plan
3. Acknowledge the known link to URI’s
4. Wash hands frequently and correctly
5. Get an early flu shot
6. Learn about seasonal allergies
7. Have your home checked for asthma triggers
Did the program work?

Yes! The program has served 74 children and 58 adults so far, with an average 63% reduction in asthma triggers/IAQ issues in homes; an average 48% reduction in the use of too-strong cleaners; and reductions in ED and unscheduled PCP visits of 89% at 30-days and 75% at 6-months (Fig. 10).

Limitations of the program

There are two limitations. First, information on ED and PCP visits at 30-days and 6-months is self-reported. Second, there is no routine referral of asthmatics from SRMC ED to the asthma program even though many ED asthma visits were repeat visits (35% in 2016, 33% in 2017, and 28% in 2018) from patients who visited 2-10 times each. So, there is no cause-and-effect relationship between the asthma program and SRMC ED data. However, the trend line for asthma visits to SRMC ED decreased from 2016 to 2018 and is promising (Fig. 11).
Were there any side benefits of the program?

Yes! Benefits included radon testing, providing mattresses and bed linens, and treating bedbugs.

Are materials available to start a program?

Yes! Customizable inspection checklists, English- and Spanish-language pamphlets, posters, and infographics are available at akaup-fett@ccchd.com.

Should you consider an Asthma Program at your health department?

Yes! Asthma is a chronic disease of concern in every county in Ohio, not just Clark County! The Ohio Department of Health’s Asthma Program maintains asthma statistics for each Ohio county. Contact Adrienne Damicis at 614-728-3620 to request asthma data for your county.

Acknowledgements:

Thank you to the Breathing Easy in Clark County Asthma Subgroup partners. Special thanks to the Community Health Foundation for funding. Thank you also to Dayton Children’s Hospital, Rocking Horse Center, and Ohio Department of Health’s Asthma Quality Improvement Collaborative for your assistance.

References:

4. Ibid.
6. Ibid.
WHY CHOOSE NORWECO?

- **SAVE TIME & MONEY**: No wait with Singulair Green; set your own schedule.

- **NEW PRODUCTS**: We think of it before you need it. Nitrogen reduction, phosphorus removal and water reuse systems available now.

- **INTEGRITY**: Tested and certified products backed by an experienced team of experts.

1-800-NORWECO | www.norweco.com | email@norweco.com
Change in Ohio’s R.S. Exam Score

Date: August 28, 2019
To: Interested Parties
From: W. Gene Phillips, MPH, RS
Chief, Bureau of Environmental Health & Radiation Protection
RE: Change in Ohio’s RS Exam Score

Memorandum

Effective April 22, 2019, the passing score accepted by the Ohio Department of Health for the NEHA REHS/RS Examination is 650.

This change was precipitated by a change in exam forms utilized by NEHA on April 22, 2019. All applicants who are affected by this change have been notified.

Please be aware that we are in the process of revising registered sanitarian rules to reflect this change in score. Once they are released for comment, you may submit any comments to the Department.

Any questions may be directed to Stephanie Youst at (614) 466-1772 or stephanie.youst@odh.ohio.gov
Clean Water

- Open cell foam media
- 2-foot soil depth credit
- Spray irrigation
- No aerator/blower
- Nitrogen reduction
- Residential and commercial
- NSF/ANSI Standard 40

877.782.6427  anuainternational.com
Proposed Sanitarian Rules

Proposed Mobile Food Rules

2019 Fall Oral Rabies Vaccine Baiting Operation

Resident Camp Rules

ODH Rabies Specimen Shipping Carrier Update

Educational Opportunities

• 2019 AOHC Fall Conference
  September 16-18, 2019
  Dublin, Ohio

• Southeast District Conference
  September 25-26, 2019
  Athens, Ohio

• Southwest District Conference
  October 2-3, 2019
  Dayton, Ohio

• Northwest District Conference
  October 3-4, 2019
  Sandusky, Ohio

• Northeast District Conference
  October 15-16, 2019
  Twinsburg, Ohio

• AOHC New Employee Training
  October 24, 2019
  Lewis Center, Ohio

• AOHC Leadership Essentials for Health District Success
  November 5-6, 2019
  Columbus, Ohio

• AOHC Fall Conference
  September 16-18, 2020
  Dublin, Ohio
Announcements

Open Positions (Posted to the OEHA website with an opening of at least 9/25/19)

- Registered Sanitarian/SIT
  Stark County Health Department

- Community & Disaster Resource Planner
  Toledo-Lucas County Health Department

- Registered Sanitarian/SIT
  Pickaway County General Health District

- Grant Coordinator Program Manager
  Cuyahoga County Board of Health

- Performance & Quality Improvement Administrator
  Cuyahoga County Board of Health

- Emergency Preparedness Coordinator
  Madison County Public Health

- Medical Director / Health Commissioner
  Ross County Health District

- Environmental Health Division Manager
  Franklin County Public Health

- Director of Community Health/Nurse
  Shelby City Health Department

- Registered Sanitarian/SIT
  East Liverpool City Health District

Retirements

- Mike Buchanan - Public Health—Dayton & Montgomery County

Mike Buchanan retired from Public Health – Dayton & Montgomery County (fka Montgomery County Health Department) on July 31st after 35 years of public service. Mike spent his entire career at Montgomery County, being hired right out of college. Mike cut his teeth on public health as a general sanitarian until he replaced another sanitarian, Sam Tilton, as the Vending Specialist upon his retirement. At that time, Mike spent his working hours conducting vending machine and mobile food truck inspections. As the number of vending locations shrank, his workload was “repopulated” with inspections at festivals, Farmer’s Markets, smoking complaint investigations and tattoo/body art facility inspections. There isn’t much that he hasn’t seen or done but all good things must come to an end! So he is retiring to spend the remainder of this summer on his sailboat and then, hopefully, to do some traveling (with his wife of course)! Mike says he plans to remain active in OEHA and keep his R.S – at least for a while! CONGRATULATIONS MIKE!

- Tracy Buchanan - Ohio Environmental Protection Agency

Tracy Buchanan retired from the Ohio Environmental Protection Agency August 30, 2019. Tracy spent 35 years protecting the health of Ohioans and the Environment. During her career Tracy worked in public health, served on the State Board of Sanitarian Registration, was an active member of OEHA, and for the past 16 years worked at the Ohio EPA. Congratulations Tracy and thank you for your commitment to making Ohio a healthy place to live!
OEHA Committees & Chairs

**Body Art**
Sarah Badenhop, R.S. - Columbus Public Health

**Campground**
Mark Janowich, R.S. - Huron County Health Department

**Food**
Christina Ritchey Wilson, JD, R.S. - Columbus Public Health
Greg Chumney, MPH, RS - Licking County Health Department

**Lead**
Greg Putka, R.S. - Lorain County Public Health

**Private Water Systems**
Randy Ruszkowski, R.S. - Stark County Health Department

**Sewage**
Laura Kramer Kuns, R.S., REHS - Kramer Kuns Consulting, LLC
Eric Cherry, R.S. — Huron County Public Health

**Solid Waste**
Chuck De Jonckheere, R.S. - Hamilton County Public Health

**Swimming Pool, Spa, and Special Use Pool**
Barry Grisez, R.S. - Cuyahoga County Board of Health

**Vector Control**
Scott Pozna, R.S. - Lorain County Health Department

**Archives**
Melissa Adams, R.S. - Delaware General Health District

**Constitution & By-laws**
Ken Sharkey, R.S., MPH - Cleveland Department of Public Health

**Exhibits**
Shannon Self, R.S. - Delaware General Health District

**Professional Development**
Steve Ruckman, MPH, R.S. - Worthington Schools

**Resolutions**
Jennifer Wentzel, MPH, R.S. - Public Health - Dayton & Montgomery County

**Website**
Garrett Guillozet, MPA, R.S., REHS, AEMT - Franklin County Public Health

**Auditing**
Jennifer Wentzel, MPH, R.S. - Public Health - Dayton & Montgomery County

**Awards & Recognition**
Gus Dria, R.S., REHS - Canton City Health Department

**Finance**
Chad Brown, R.S., REHS, MPH - Licking County Health Department

**George Eagle Scholarship**
Joe Ebel, MS, MBA, R.S. - Licking County Health Department

**Membership**
Open

**Nominations & Elections**
Open

**Public Affairs**
Stephan Ruckman, MPH, R.S. - Worthington Schools

**Publications**
Adam R. Howard, MPH, R.S., REHS - Delaware General Health District

**Training Scholarships**
Open

**Concentrated Animal Feed Facility**
Jason Menchhofer, R.S. - Mercer County - Celina City Health Department

**Ohio Public Health Advisory Board**
Stephan Ruckman, MPH, R.S. - Worthington Schools

**Ohio Public Health Partnership**
Chad Brown, R.S., REHS, MPH - Licking County Health Department

**Sewage Treatment System Technical Advisory Committee**
Dan Lark, R.S., REHS - Lake County General Health District
OJEH
Ohio Environmental Health Association
2818 Annabelle Ct
Grove City, OH 43123

ADDRESS SERVICE REQUESTED