



Pennsylvania One Health Consortium (PAOHC) AMR- Inter- professional education

**Suresh V. Kuchipudi PhD, MBA
and
Maureen Lichtveld MD, MPH**

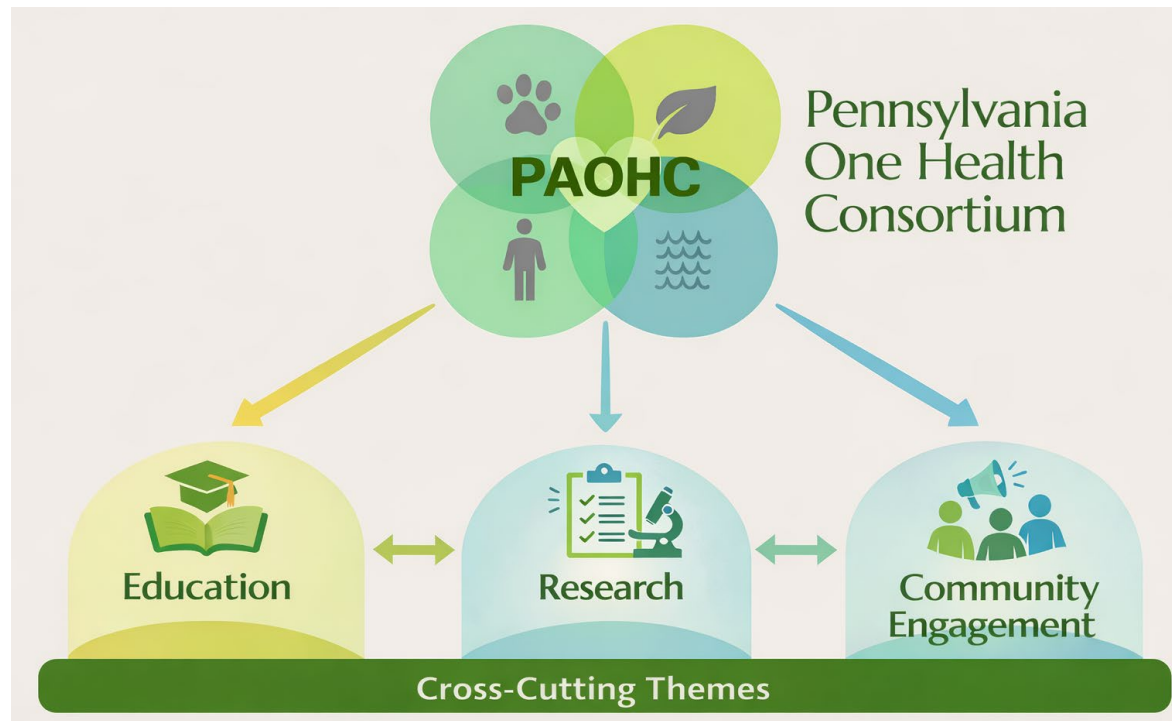
Pennsylvania One Health Consortium (PAOHC)



A statewide consortium for cross-sector partnership

- Coordinated by the University of Pittsburgh School of Public Health.
- Serves Pennsylvania (and the region) as a transdisciplinary resource for research, education, policy, and community engagement.
- **Mission:** advance One Health in Pennsylvania by building cross-sector partnerships that strengthen science, practice, and policy.
- **Vision:** a resilient Pennsylvania where communities, farms and wildlife, plant health, and ecosystems strengthen one another.

PAOHC Operating model: 3 pillars, with AMR as a cross-cutting theme



Education

Research

Community engagement

- Interprofessional learning across the continuum (students → workforce)
- Shared modules + micro-credentials co-developed across the consortium
- Continuing education and case-based training anchored in real PA data

- Multi-institutional projects that double as training platforms
- Shared data streams (human, animal, farm, lab)
- Methods + analytics to compare resistance patterns across sectors

- White papers + policy briefs
- Public-facing materials for risk communication
- Relationships with practitioners and communities

PAOHC Partners



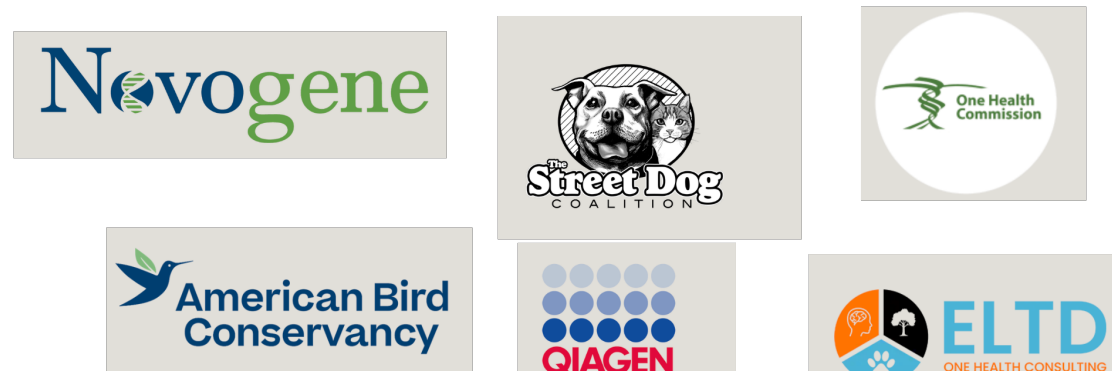
Academic institutions



Government agencies



Non-profit & Industry partners



Use case — PAOHC interprofessional AMR education (One Health)



Context & Need

- AMR threatens modern medicine, food systems, and public health across people, animals, and ecosystems.
- Education and training are still **siloes across disciplines—slowing coordinated action.**
- National calls (e.g., PACCARB 2021) emphasize interprofessional AMR education across the learning continuum.
- PAOHC provides a **statewide platform to align partners, practice settings, and shared learning.**

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Program Design

Education approach (multi-pronged):

- **Interprofessional learning experiences** that bring learners together across institutions and sectors (beyond any single program or campus).- **Generalizable**
- **Micro-credentials and stackable modules** co-developed by consortium experts delivered **fully online/asynchronous** to reach **broader learners**. **Scalable**
- **Continuing education (CME/CE)** embedded into PAOHC annual meetings to engage **practicing clinicians, veterinarians, and nurses**, ensuring AMR learning extends into real-world practice.
- **Community engagement & policy translation:** A dedicated working group develops **white papers and practical educational materials** to inform policy, engage communities, and strengthen risk communication on **AMR prevention and mitigation**—extending impact to policymakers and the public.

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Implementation & Enablers

- Shared governance through **consortium working groups**; co-ownership of curriculum and projects.
- Leverages funded research and existing training programs to create meaningful “**learn-by-doing**” placements.
- Cross disciplinary, multi-institutional **pilot projects**: Targeted pilot grant funding to catalyze and pump prime collaborative AMR research across institutions and sectors.
- Access to state-wide AMR data streams via partners (e.g., PADLS and participating clinical/veterinary labs).
- Annual PAOHC meeting supports continuing professional development and cross-sector participation.
- **Implementation barriers**: institutional silos, data harmonization, and regulatory constraints—**addressed via shared protocols, data repositories, and clear data-use agreements.**

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Outcomes & Impact

- Learners gain an integrated understanding of AMR across human, animal, and environmental settings.
- Practical competencies strengthened: lab methods, data literacy, and cross-sector communication.
- Cross-institution projects connect students and mentors across the academic partners
- Builds statewide readiness for coordinated surveillance and stewardship.

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Lessons learned

- **What worked:** shared ownership, real problems/data, and repeated convening (annual meeting + working groups).
- **What needs work:** logistics for rotations, uneven access to labs/data, and sustained staffing support.
- **Standardize:** core competencies, common vocabulary, evaluation tools, and data standards.
- **Keep flexible:** delivery format, local partnerships, and sector-specific case examples.

Outcomes we track

- Knowledge gain
- Hands-on lab/data skills
- Attitudes & collaboration behaviors
- Longer-term: stewardship behaviors and surveillance impact (where measurable)

Contact

Suresh V. Kuchipudi: skuchipudi@pitt.edu

Maureen Lichtveld: mlichtve@pitt.edu

Meeting registration:

<https://panthercentralpitt.wufoo.com/forms/2026-paohc-annual-meeting-registration/>

JOIN US FOR THE SECOND ANNUAL MEETING OF THE PENNSYLVANIA ONE HEALTH CONSORTIUM



June 21–23, 2026
University of Pittsburgh
In-person only

This meeting brings together experts, practitioners, and students committed to improving the health of humans, animals, wildlife, plants, soils, and ecosystems. Join us to connect across disciplines and help advance One Health initiatives throughout Pennsylvania.

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Evening Reception

Monday, June 22

Full-Day: Presentations, Dialogue, and Posters

Tuesday, June 23

Half-Day: Closed Session

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Poster abstract submissions are being accepted.

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