



Cochise Health and Social Services



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman
College of Public Health

Cochise Health and Social Services and Mel and Enid Zuckerman College of Public Health Academic Health Department Meeting

February 11th, 2020

9:30AM – 2:30 PM

Location: Cochise County Health and Social Services; 1415 Melody Lane, Building A, Bisbee, AZ 85603

Those in attendance at the meeting included (also see sign-in sheet): Rachel Butterworth (Accreditation Coordinator), Carrie Langley (Health Director), Daniella Reidmiller (Health Educator), Suzanne Hagle (Health Promotion Administrative Manager), Kendra Allen (Health Educator), William Benning (Finance Manager), Jesus Duarte (Health Educator), Craig Janiszewski (PHEP Specialist), Carolyn Doose (Public Health Nurse), Maira Ibarra (Public Health Nurse), Brian Hogan (Environmental Health Specialist), Carl Hooper (Environmental Health Specialist), Leslie Johns (Health Educator), Maria Mena (Administrative Coordinator for Nursing Division), Emily Waldron (University of Arizona Mel & Enid Zuckerman College of Public Health, Community Engagement and Outreach Coordinator), Ben Brady (University of Arizona Mel & Enid Zuckerman College of Public Health), Joyce Hospodar (University of Arizona Mel & Enid Zuckerman College of Public Health), and Julie Botnick (UCLA, Librarian)

MINUTES

9:30am Training with Carrie

- “Finding Evidence-Based Literature” (see PowerPoint slides)
- Example of what we are doing now – EHS Fee Structure, using evidence-based approaches to justify why we need a change
- Why is this important? – Update personal knowledge, evaluate and update guidelines for practice, develop work-related policies
- Academic Health Department – pairs researches with our health department’s practices
- Barriers – finding relevant articles, having access to publications, finding keywords
- Current QI project, how to find information about Lead Inspections
 - Depends on what we want to use this information for (e.g. prevention?)
 - Search needs to have:
 - Date inclusion/exclusion
 - More specific “Home lead inspections” or “Lead inspections and the home” (more specific, because home inspections are different than factory inspections)

- May want to narrow search to view only peer reviewed sources or reviews that were conducted
- Different types of sources: primary, secondary, conceptual/theoretical, anecdotal/opinion/clinical
- In order to present information to people (like elected leaders), you may only have a limited time. Condense information down into white papers
- The review – concise summary of the findings that describes current knowledge and offer a rationale for conducting future research. Recommendations or implications for practice, education, and research should be included
- Next meeting: how to determine if a source is credible

10:30am **NNLM Training**

- Julie Botnick – based out of UCLA, US National Library of Medicine Education Outreach
- NNLM – National Network of Libraries of Medicine
- How do they help the public health workforce?
 - Free membership, 8200 agency members
 - Invitation to apply for various funding opportunities
 - Access to training and other educational opportunities
 - Access to interlibrary loan services
 - Access to free informational and printed materials, including NLM posters, brochures, and other publications
 - Free classes, webinars, and training
- CHA activity – reviewing Cochise County’s CHA, how we use the data
- Evidence Based Public Health (EBPH), development, implantation and evaluation of effective programs and policies in public health
- Three domains of influence
 1. Community Need, politics economics (e.g. CHA)
 2. Best available research evidence
 3. Experience, knowledge and expertise
- EBPH Process:
 1. Community assessment
 2. Developing a concise statement of the issue
 3. Quantifying the issue
 4. **Determining what is known through the scientific literature**
 5. **Developing and prioritizing program and policy options**
 6. **Developing an action plan and implementing interventions**
 7. **Evaluating the program or policy**
(**Scientific literature – bolded**)
- Define your question using: PICO – Population/Problem, Intervention, Comparison (if any), and Outcome
- Hierarchy of evidence (in order of quality, control for bias and control for systemic error in study design)
 1. Systemic Reviews and Meta Analyses
 2. Randomized Control Trials
 3. Cohort Studies
 4. Case Control Studies
 5. Cross Sectional Surveys
 6. Case Studies

- 7. Ideas, Experts Opinions, Editorials
- 8. Anecdotal
- PubMed.gov – research, health policy development, patient advocacy, public health, clinical care, related educational activities
 - Free search engine, may not have full free text articles
 - Able to filter on the left by type of study
 - PubMed Central – free full text articles
- HealthEvidence.org – nongovernmental resource, McMaster University in Ontario
 - Over 5,200 Systematic Reviews on Public Health Interventions
 - Pulls from the same places that PubMed does, but it is specific to public health
 - Has a rating for quality scale, including an explanation
- Eresources.nlm.nih.gov – authoritative health resources
- Partners in Information Access for Public Health Workforce (PHPartners.org)
- Unpaywall.org – open database of free scholarly articles. If you find a article that has a paywall, you can use this website to search to route you to the free version of the article
- Mental Health Barriers Resources: start out with a general site to get an overview of your topic, keep in mind there are other terms for the same condition, conditions may manifest I different ways
 - MedlinePlus (available in 50+ languages)
 - Drug Information Portal/Pill Box
 - KidsHealth.org

12:00pm Lunch provided

1:00pm Meeting with UA

- Academic Health Department, which is formulizing the health departments relationship with the University of Arizona and enhance collaborations
- Strengthen health professions, strengthen links between public health practice and academia
- Academic Health Departments are broad, and can be tailored to our community
- Collaboration opportunities: Mental health/substance use, lead poisoning program, internship program, antibiotic use and resistance
- Demonstration of Pima County Academic Health Department – interns creating infographics for presentations and outreach to the community
- **Mental Health/Substance Use – Number one priority on Cochise County's CHA**
 - Barriers that our county experiences: Access to providers, stigma, mental health in schools, transportation, number of providers, justice involvement, substance use disorders
 - CAST – Our community's capacity to address substance use disorders was completed 2 weeks ago
 - Form community groups and our broad stakeholders (hospitals, federally qualified health center, the Legacy Foundation of SE Arizona)
 - Ben Brady and Joyce Hospodar with the Center for Rural Health shared opportunities for collaborations including
 - AZ-Flex Program- integrating EMS in region and local systems of care
 - Blue Cross/ Blue Shield Partnership
 - Linkage to Hospitals
 - Critical Access Hospitals

- Veterans and mental health
 - Mentorship Program
- Carrie shared interest in working with the jails
 - No data currently in the jails
 - Interest in working with a social worker assigned to a jail
 - Pregnancy work in jails
 - Opportunities for CHW trainings in Winchester Heights

Next Steps:

1. Emily will work with Carrie, Rachel, Ben, and Joyce to set up a call to discuss more.

- **Internship Program**

- Many online MPH students live in Cochise county. Their internship requirement is one-year long
- Undergraduate, online MPH, MPH, DrPH/PHD students
- Cochise county needs for interns: a lot of areas, for big projects, for lead poisoning program, to focus on CHA/CHIP
- Intern that can work with surveillance system – data/analytics background that can look at data trends, risk factors, document the process, determine best practices and methods
- Interest in working with interns to develop infographics for health education material
- Possible for the intern to work remotely
- Internship Possibility
 - Craig Janizsewski is interested in working with a MEZCOPH intern to develop a data analytics/ surveillance systems. The student could potential create the system and document the process
 - Involve Biostatistics/Epidemiology faculty member who could oversee this student project in partnership with Craig

Next Steps:

1. Emily is almost done with developing a presentation on MEZCOPH's internship program for health department. Emily will send the video to Cochise County Health and Social Services as soon as the training is complete (in the next two weeks)
2. Emily will work with Craig to develop an internship description and identify a faculty member appropriate to serve as a mentor for the project

- **Lead Poisoning Program**

- There is currently a training available from ADHS for health care providers on lead poisoning prevention
- Maira and Jesus did a training for the CMW in Winchester Heights around lead poisoning; focusing on recognizing exposure sources
- We would like to build public awareness on sources (candy, make up, natural remedies, using pottery for cooking and storing water, jewelry) and develop material in Spanish and English to have written material and on radio
- Would like to be able to do home visits so if a provider tests any lead level, we can go into their homes to try and determine exposure (home visit will include a health educator, environmental health specialist, and public health nurse)
- Improve awareness of the importance of testing
- Potential internship project?

Next Steps:

1. Emily followed up with Kelly Reynolds, Department Chair of Community, Environment and Policy and she recommended that Marc Verhougstraete should connect with Cochise Health and Social Service
2. Emily will connect Marc with Carrie and Rachel

- **Antibiotic use and Resistance**

- Connect back with Kate and make sure good points of contact at local hospitals
- Could our surveillance mechanisms help?

- **One-year goals**

- Lead program up and running, integrated into our core functions
- Internship program up and running, start with descriptions
- Mental health, discuss more with Ben
- Mental health, pilot program with collaboration with college of Nursing, to conduct training and recruitment – 8-week intervention in July

- **Academic Health Department**

- Top priority – wanting interns involved
- First, who are the interns living in Cochise county including their academic level
- Emily will be giving CHSS internship descriptions (video) for undergraduate, graduate, and doctoral students
- Utilizing Emily's current interns, possibly for creating infographics
- Academic Health Department Summit in Tucson, Nov 5-7, 2020, Emily will keep Carrie and Rachel updated and send information about the AHD Planning Committee Meeting and opportunities for presentations together at the AHD Summit.
- Emily will work with Carrie and Rachel to develop academic health department plan for the coming year
- Designated Campus Colleagues
 - Opportunity to provide health department colleagues with DCC status

2:10pm MOU

- Flexible, no changes needed – would like to move forward (Done!)

2:30pm Adjourned