

## Budget Narrative

**Roxana Witter, MD, MSPH:** Dr. Witter is an Instructor in the Colorado School of Public Health at UCD, and will be the lead investigator for the HIA. Dr. Witter will be responsible for scope and design of the HIA, identification of data sources, analysis of data and recommendations. She will write the draft and final reports and lead implementation efforts. Dr. Witter will also lead evaluation and institutionalization efforts and will organize the HIA symposium. Dr. Witter will also be the primary liaison to the partner and stakeholder organizations. She will direct the efforts of Kaylan Stinson, Ken Scott, and Angela Wagstaff (see below). Effort during the first six months of the grant will be more time intensive, and primarily be spent preparing the HIA. The second six months will include evaluation, advocacy, education, and institutionalization.

**Lee Newman, MD, Co-Investigator:** Dr. Newman is Director of the NIOSH Mountain and Plains Education and Research Center, Professor of Environmental and Occupational Health and Professor of Epidemiology in the Colorado School of Public Health at UCD. He is also Professor of Medicine in the School of Medicine, UCD. He will advise and consult in the scope and design of the HIA, application of Logic Model in systematizing the goals, activities, outcomes and evaluation process for the project, and aid in the analysis of data and preparation of recommendations. He will review the draft and final reports and assist with implementation efforts. Dr. Newman's NIOSH Center has special expertise in evaluation and institutionalization and will assist with organization of the HIA symposium. This will include supervising Angela Wagstaff and Kaylan Stinson in the creation of the video-recorded HIA training modules from the live conference, and the posting of this information to a dedicated web-page on the CSPH MAP ERC website where environmental and occupational health continuing education materials are housed. Dr. Newman will also participate in partner and stakeholder meetings. Effort during the first six months of the grant will be more time intensive, and primarily be spent consulting on the progress of the HIA. The second six months will be less time intensive and will include support and consultation to Dr. Witter for evaluation, advocacy, education, and institutionalization.

**John Adgate, PhD, MSPH, Co-Investigator:** Dr. Adgate is Chair of the Department of Environmental and Occupational Health and Professor in the Colorado School of Public Health at UCD. He will advise and consult in the scope and design of the HIA, analysis of data and recommendations. He will review the draft and final reports and assist with implementation efforts. In particular, he will focus on exposure data sets and risk assessment aspects of the HIA because of his experience in these areas of research and public health practice. Dr. Adgate will also consult on evaluation and institutionalization efforts and assist with organization of the HIA symposium. Dr. Adgate will also participate in partner and stakeholder meetings. Effort during the first six months of the grant will be more time intensive, and primarily be spent consulting on the progress of the HIA. The second six months will be less time intensive and will include support and consultation to Dr. Witter for evaluation, advocacy, education, and institutionalization.

**Kaylan Stinson, MSPH, Senior Professional Research Assistant:** Kaylan Stinson is a Senior Professional Research Assistant in the CSPH and Communication Director for the NIOSH MAP ERC. She will have a major role in assembling exposure and health data sets from a variety of county and state agencies and from health care provider sources. She will also collect and review operator information and regulatory information from the operator, COGCC and CDPHE. She will also assist in the analysis and report writing. She played a major role in the preparation of the oil and gas development white paper and literature review at CSPH and has worked for the past several years with Council of State and Territorial Epidemiologists (CSTE) methods for collecting, analyzing, reporting and advocating with regard to occupational health indicators in Colorado, Wyoming, and other western states. She will be an important community point of contact along with Dr. Witter and will assist with the preparation of the draft and final reports. As in the past, she will attend stakeholder and partner meetings and assist with outreach activities.

**Ken Scott, MPH, Senior Professional Research Assistant:** Mr. Scott is the Outreach Director and Assistant Continuing Education Director for the NIOSH MAP ERC. He will be responsible for stakeholder outreach communications throughout the HIA process. He will also assist with risk communication during the reporting and implementation/advocacy stages. Mr. Scott will also assist with outreach efforts to the broader public health community for the HIA symposium, and with marketing of this program.

**Angela Wagstaff, Administrative Coordinator:** Ms. Wagstaff will be responsible for assistance with meeting scheduling, report printing and distribution, development of online resources and links to educational materials, and the organization, recording and editing of the HIA symposium.

**Consultant Costs - \$5,000**

These funds are requested to cover excess costs to Garfield County Environmental Health associated with time spent in scope and design of the HIA, analysis of data and recommendations, and review of draft and final reports. This will also cover costs associated with partner and stakeholder meeting in excess of normal working hours. This will also cover costs to Garfield County Environmental Health associated with attending the HIA symposium.

**Travel Costs - \$8,751**

\$4684 is requested for a total of 8 trips to Garfield County at the following rates:

*440 miles round trip x 45 cents per mile = \$220, lodging \$125 per room, meals \$75 per person per day*

Trip 1, 5 people = \$198 mileage, \$250 lodging, \$375 meals for a total of \$823.

Trip 2, 4 people = \$198 mileage, \$250 lodging, \$300 meals for a total of \$748.

Trip 3, 2 people = \$198 mileage, \$125 lodging, \$150 meals for a total of \$473.

Trip 4, 2 people = \$198 mileage, \$125 lodging, \$150 meals for a total of \$473.

Trip 5, 2 people = \$198 mileage, \$125 lodging, \$150 meals for a total of \$473.

Trip 6, 2 people = \$198 mileage, \$125 lodging, \$150 meals for a total of \$473.

Trip 7, 2 people = \$198 mileage, \$125 lodging, \$150 meals for a total of \$473.

Trip 8, 4 people = \$198 mileage, \$250 lodging, \$300 meals for a total of \$748.

\$3,220 is requested for two people to travel to Washington DC for 3 days.

*\$1610 per person for airfare, lodging, meals, ground travel*

\$810 is requested for local travel for PRA based in Garfield County.

*145 miles per month x 45 cent per mile reimbursement rate x 12 months*

\$37 is requested to reimburse mileage at 45 cents per mile for Drs. Reynolds and Chen to travel from Ft. Collins to Denver for the internal advisory committee meeting.

**Other Expenses - \$5,100**

\$400 is requested for honoraria for the Advisory Committee - \$200 x 2

\$3,000 is requested for a one-day HIA symposium at Anschutz Medical Campus. These funds will include travel support for 5 attendees based upon need and interest, *per diem* for keynote speaker, lunch for attendees, and printed materials. The cost of videotaping, editing, hosting and linking of video-taped educational modules will be covered by the NIOSH MAP ERC.

\$400 is requested for long distance and conference call charges.

\$300 is requested for shipping and FedEx charges.

\$1,000 is requested for copying and binding of 100 copies of final report.

**Indirect Costs - \$11,923**

Indirect costs are calculated at 10% of salary/benefits expenses (\$119,226) as allowed in the call for proposals.