Outcome Evaluation in Environmental Health

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Basics of Program Evaluation

Four Different Types of Evaluation used in Program Evaluation	
Activities	Effects
Formative Evaluation: Evaluates a program and its process during development (formation)	Outcome Evaluation: Evaluates program effectiveness by measuring the direct and immediate changes that result from the program activities
Process Evaluation: Evaluates the implementation of the program compared to the design	Impact Evaluation: Evaluates long-term and indirect changes in the community and other institutions that result from program implementation
	(Baugh 2008)

The Problem

- Process Evaluation in Environmental Health = GOOD

➢ Outcome/ Impact Evaluation in Environmental Health = NOT SO GOOD

My Project
(The Solution)

➢ How to win the Nobel Peace Prize…
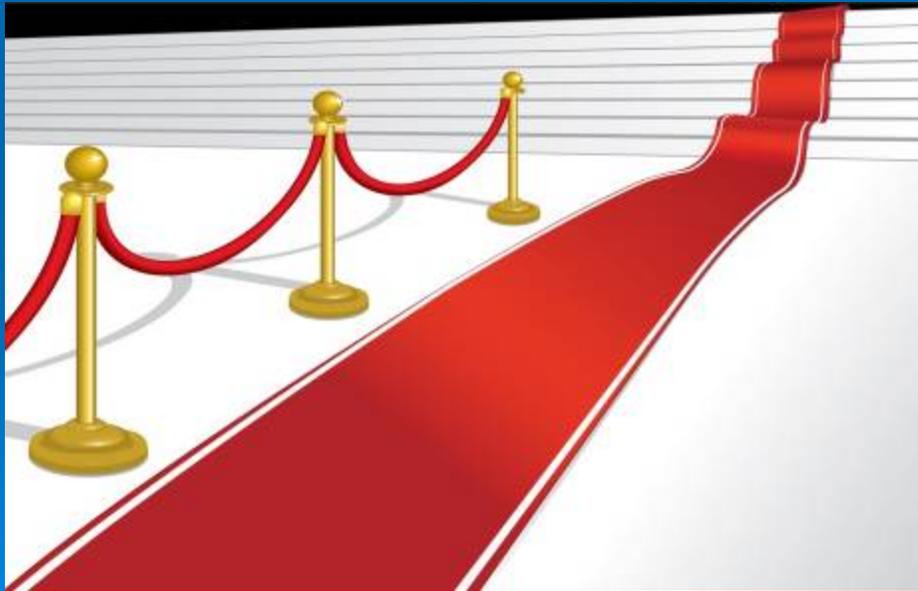
What I've done so far…

Dr. Sarah Kotchian
Associate Director for Planning,
Institute for Public Health,
and Research Assistant
Professor;
Dept. of Family and Community
Medicine
University of New Mexico School
of Medicine.

CAPT George Vaughan
CDC / Vessel San. Program Branch, CDC

CAPT John Sarisky
NCEH/CDC; Sr. Environ. Health Officer

CAPT Pat Bohan
Assistant Professor,
Department of
Environmental Health
Science
East Central
University, OK

NATIONAL ENVIRONMENTAL PUBLIC HEALTH PERFORMANCE STANDARDS LOCAL ENVIRONMENTAL PUBLIC HEALTH SELF-ASSESSMENT INSTRUMENT
May 2007

Professor Carl Osaki
Clinical Associate Professor
Environmental and Occupational
Health Sciences

Dr. David Dyjack
Dean, School of Public Health
Loma Linda University, School of
Public Health
Department of Environmental &
Occupational Health

Mr. John Gormley
Deputy Director Fulton County
Department of Health and Wellness
Environmental Health Services

CAPT Mike Herring
NCEH/CDC; Sr. Environ. Health Officer

What I hope to accomplish…

➢ Create a guide to creating the guide
- Start with one program (i.e. Vector Control)
  - Identify data sources
  - Compile feasible outcome measures
  - Reveal any gaps in accessible data or in outcome measures
- Have this serve as an example for other programs

Comments? Suggestions?