

**Health Impact Assessment Practitioners Summer Training Course**  
**San Francisco Department of Public Health**  
**1 South Van Ness Avenue, Atrium Conference Room, San Francisco, CA**  
**June 22 – 25, 2010**

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**Health Impact Assessment (HIA):** HIA is one of many approaches to promote health in all policies. Specifically, HIA is an emerging policy evaluation practice used to inform public policy decisions in various sectors and promote the conditions required for optimal health. HIA includes diverse methods, tools, and processes by which policies, plans, programs, and projects are evaluated as to their potential effects on the health of a population, and the distribution of those effects within the population. HIA may also be integrated within other regulatory processes for environmental or social impact assessment.

**Course Goals and Overview:** The overall goal of this course is to provide current and future practitioners of HIA experience using available procedures, regulations, and tools to implement an HIA. Over four days, the course will provide an overview of the HIA process and essential steps; explore case studies that reflect a range of practices and policy contexts; facilitate group exercises in screening and scoping; provide experience with HIA assessment tools and methodologies; consider obstacles and opportunities for the growth of the field; and strategize needs for field development and practice in participant jurisdictions.

**Intended Audiences:** Active and prospective practitioners of HIA are the intended audience of the training course. The course may also be appropriate for interested public health officials, planning and regulatory agency officials, members of non-profit groups, and public health and environmental health consultants. We are committed to ensuring that the training is a good fit for all participants. As such, based on responses to the registration form, SFDPH may contact potential participants to discuss registration and goals in attending the training. Priority will be given to early registrants.

**Preparation:** The course expects participants to arrive with some understanding of the purpose and value of HIA, the typical steps in an HIA process, and familiarity with HIA practice examples. Participants do not need to have practical, hands-on HIA experience. SFDPH will provide participants with a course outline and a list of required readings in advance of the course.

**Cost:** The cost of this four-day training is \$960, which includes the cost of course materials, as well as breakfast and lunch most days. Participants are expected to arrange their own accommodations and travel. If you are in need of financial assistance, please let us know. While we cannot commit to providing scholarships yet, we are working on raising funds to support the attendance of organizations facing financial hardship. Financial aid will not be available for for-profit consulting firms or university faculty/staff.

**Course Objectives:**

**Day 1:**

- Review and discuss the value and purpose of HIA as a healthy public policy tool.
- Learn the steps and tasks of a typical HIA.
- Discuss successes and lessons learned from HIA case studies.
- Gain experience in the screening and scoping stages of HIA.
- Understand roles for community members, public agencies, decision-makers and other stakeholders.

**Day 2**

- Develop general understanding of how to utilize epidemiologic evidence to predict and quantify health impacts

- Understand tasks, goals, and range of methods used in the assessment stage of HIA
- Learn about the development and use of community health indicators for HIA, including practice using the Healthy Development Measurement Tool (HDMT) to assess existing neighborhood conditions
- Discover and apply GIS-related spatial assessment tools, including the Pedestrian Environmental Quality Index
- Understand roles for community members, public agencies, decision-makers and other stakeholders

### **Day 3**

- Continue to learn about approaches that can be used in the assessment stage of HIA, including forecasting tools and health risk assessment and modeling.
- Understand a general approach to evaluating and utilizing epidemiologic evidence and health risk assessment to predict and quantify health impacts of public policies.
- Through problem solving, understand sources of uncertainty and limitations of evidence.
- Understand a general approach for identifying recommendations and analyzing alternatives and mitigations.
- Discuss principles for ethical use of evidence in decision-making and implications for HIA practice

### **Day 4**

- Learn about the communication, monitoring, and evaluation stages of HIA.
- Discuss the opportunities provided by environmental impact assessment for integrated health/social/environmental analysis.
- Collectively explore opportunities to advance HIA in practitioners' jurisdictions.
- Consider lessons for successful HIA applications including various roles stakeholder and decision-maker buy-in and inter-agency communication.

Please contact [hiacourse.dph@sfdph.org](mailto:hiacourse.dph@sfdph.org) or call 415-252-3919 with any questions.

## HIA PRACTITIONERS SUMMER TRAINING COURSE AGENDA

Day 1: Tuesday, June 22, 2010

Location: 2<sup>nd</sup> Floor Atrium, 1 S. Van Ness Ave., San Francisco

### Objectives:

- Review and discuss the value and purpose of HIA as a healthy public policy tool
- Learn the steps and tasks of a typical HIA
- Discuss successes and lessons learned from HIA case studies
- Gain experience in the screening and scoping stages of HIA
- Understand roles for community members, public agencies, decision-makers and other stakeholders

Time	Topic	Instructors
8:30 – 9:00	<b>Breakfast (provided) &amp; Registration</b>	
9:00 – 10:50	<b>Welcome from SFDPH, Introductions and Course Overview</b>	Megan Gaydos & Rajiv Bhatia
	<b>Health Impact Assessment: An Overview</b> <ul style="list-style-type: none"> <li>• <i>Presentation on the purpose of HIA, stages and tasks in the HIA process, integrating health into a policy context, HIA practice standards, relationship to EIA, and SFDPH case studies</i></li> </ul>	Rajiv Bhatia
10:50 -11:00	<b>Break</b>	
11:00 – 12:15	<b>Regional HIA Case Studies</b> <ul style="list-style-type: none"> <li>• <i>A Health Impact Assessment of the California Healthy Families, Healthy Workplaces Act of 2008</i></li> <li>• <i>Port of Oakland Health Impact Assessment</i></li> <li>• <i>Health Impact Assessment of Road Pricing Strategies</i></li> </ul>	Lili Farhang, <i>Human Impact Partners</i>  Edmund Seto, <i>UC Berkeley HIG</i>  Megan Wier
12:15 – 1:15	<b>Lunch (provided)</b>	
1:15 – 2:30	<b>HIA Screening</b> <ul style="list-style-type: none"> <li>• <i>Presentation and small group facilitated exercise of screening using hypothetical scenarios</i></li> </ul>	Jennifer McLaughlin
2:30 – 3:00	<b>Discussion and Break</b>	
3:00 – 4:30	<b>HIA Scoping</b> <ul style="list-style-type: none"> <li>• <i>Presentation and small group facilitated exercise of scoping using hypothetical scenarios</i></li> </ul>	Megan Wier
4:30 – 5:00	<b>Discussion and Q &amp; A</b>	

## HIA PRACTITIONERS SUMMER TRAINING COURSE AGENDA

Day 2: Wednesday, June 23, 2010

**\*\*Note Changed AM Location: 8:30 AM – 12:45 PM: 1650 Mission Street, Suite 400**

**12:45 PM – 5:00 PM: 2<sup>nd</sup> Floor Atrium, 1 S. Van Ness Ave., San Francisco**

### Objectives:

- Develop general understanding of how to utilize epidemiologic evidence to predict and quantify health impacts
- Understand tasks, goals, and range of methods used in the assessment stage of HIA
- Learn about the development and use of community health indicators for HIA, including practice using the Healthy Development Measurement Tool (HDMT) to assess existing neighborhood conditions
- Discover and apply GIS-related spatial assessment tools, including the Pedestrian Environmental Quality Index
- Understand roles for community members, public agencies, decision-makers and other stakeholders

Time	Topic	Instructors
8:30 – 9:15*	<b>Breakfast (provided) and Informal Roundtables/Networking Session</b>	
9:15 – 9:30*	<b>Reflections on Day 1</b>	
9:30 - 10:45*	<b>Epidemiologic Study Designs</b> <ul style="list-style-type: none"> <li>• <i>Presentation on observational techniques and measures of association</i></li> <li>• <i>Small group exercise to practice using epidemiological findings for establishing baseline conditions</i></li> </ul>	June Weintraub
10:45 – 11:00*	<b>Break</b>	
11:00 – 11:30*	<b>Data and Methods in HIA Analysis: An Overview</b> <ul style="list-style-type: none"> <li>• <i>Presentation on HIA Assessment methods including types of data, quantitative and qualitative research methods, and practice standards</i></li> </ul>	Rajiv Bhatia
11:30 – 12:45*	<b>Using Community Health Indicators in HIA</b> <ul style="list-style-type: none"> <li>• <i>Presentation on the utility, development, and application of community health indicators, including the Healthy Development Measurement Tool (HDMT), as a means for compiling, displaying and using data</i></li> <li>• <i>Small group exercise to practice accessing HDMT community health indicator data to assess neighborhood conditions</i></li> </ul>	Cyndy Scully
12:45 - 1:45	<b>** Return to 1 S. Van Ness ** Lunch (provided)</b>	
1:45 – 2:15	<b>Health Evidence in Community Organizing and Policy Advocacy</b> <ul style="list-style-type: none"> <li>• <i>Presentation on PODER's experience using health evidence in local EJ advocacy work and collaboration with SFDPH to assess and address health impacts of local transportation planning and policy decisions</i></li> </ul>	Charlie Sciammas, PODER
2:15 – 4:45 (includes 15 min break)	<b>Designing Healthy Communities: Spatial Assessment Tools</b> <ul style="list-style-type: none"> <li>• <i>Presentation on the use of spatial data in public health and HIA and an introduction to SFDPH's spatial assessment tools including the PEQI</i></li> <li>• <i>Presentation on evaluating access to parks using the PEQI</i></li> <li>• <i>Small group exercise to practice using the PEQI on one street segment and intersection in SF to quantify and assess walkability</i></li> </ul>	Cyndy Scully  Meghan Pecaut, Trust for Public Land, Parks for People- Bay Area Initiative
4:45 – 5:00	<b>Discussion and Q &amp; A</b>	

## HIA PRACTITIONERS SUMMER TRAINING COURSE AGENDA

Day 3: Thursday, June 24, 2010

Location: 2<sup>nd</sup> Floor Atrium, 1 S. Van Ness Ave., San Francisco

### Objectives:

- Continue to learn about approaches that can be used in the assessment stage of HIA, including forecasting tools and health risk assessment and modeling
- Through problem solving, understand sources of uncertainty and limitations of evidence
- Understand a general approach for identifying recommendations and analyzing alternatives and mitigations
- Discuss principles for ethical use of evidence in decision-making and implications for HIA practice

Time	Topic	Instructors
8:30 – 9:00	<b>Breakfast (provided)</b>	
9:00 – 9:30	<b>Reflections on Day 2</b> <ul style="list-style-type: none"> <li>• <i>What did we learn yesterday?</i></li> <li>• <i>Remaining questions?</i></li> <li>• <i>What will we learn today?</i></li> </ul>	
9:30 – 10:45	<b>Quantitative Estimation: Application of Risk Assessment Methods</b> <ul style="list-style-type: none"> <li>• <i>Presentation on risk assessment methods and hazard characterization, introduction to air quality modeling, and forecasting quantitative impacts</i></li> <li>• <i>Large group exercises on air quality and noise forecasting</i></li> </ul>	Rajiv Bhatia
10:45 – 11:00	<b>Break</b>	
11:00 – 12:30	<b>Quantitative Estimation: Forecasting Vehicle-Pedestrian Injury Collisions</b> <ul style="list-style-type: none"> <li>• <i>Presentation on the development of a vehicle-pedestrian injury forecasting tool, application within the CEQA process, and environmental approaches to pedestrian safety</i></li> <li>• <i>Small group exercise to practice forecasting pedestrian injury collisions based on changes in traffic volume</i></li> </ul>	Megan Wier
12:30 – 1:30	<b>Lunch (provided)</b>	
1:30 – 2:15	<b>Using Checklists in HIA</b> <ul style="list-style-type: none"> <li>• <i>Presentation on the role of checklists at various stages of HIA, an introduction to the HDMT Healthy Development Checklist, and sample applications to local area planning efforts</i></li> </ul>	Jennifer McLaughlin
2:15 – 3:15	<b>Valid and Ethical Judgments in HIA</b> <ul style="list-style-type: none"> <li>• <i>Presentation on making predictive judgments and describing impacts' significance based on HIA evidence, validity, bias, and ethical challenges</i></li> </ul>	Rajiv Bhatia
3:15 – 3:30	<b>Break</b>	
3:30 – 4:30	<b>Developing Health-Responsive Management Strategies for Policy Design and Implementation</b> <ul style="list-style-type: none"> <li>• <i>Presentation and discussion on development and selection of policy and design strategies to mitigate HIA identified impacts through case studies</i></li> </ul>	Rajiv Bhatia
4:30 – 5:00	<b>Discussion and Q &amp; A</b>	
5:30 - 7:00	<b>Happy Hour @ Zeitgeist - 199 Valencia St at Duboce Ave, 0.5 mi away</b>	

## HIA PRACTITIONERS SUMMER TRAINING COURSE AGENDA

Day 4: Friday, June 25, 2010

Location: 2<sup>nd</sup> Floor Atrium, 1 S. Van Ness Ave., San Francisco

### Objectives:

- Learn about the communication, monitoring, and evaluation stages of HIA
- Discuss the opportunities provided by environmental impact assessment for integrated analysis
- Collectively explore opportunities to advance HIA in practitioners' jurisdictions
- Consider lessons for successful HIA applications including various roles and buy-in of stakeholders and decision-makers and inter-agency communication

Time	Topic	Instructors
8:30 – 9:00	<b>Breakfast (provided)</b>	
9:00 – 9:45	<b>Reflections on Day 3</b> <ul style="list-style-type: none"> <li>• <i>What did we learn yesterday?</i></li> <li>• <i>Remaining questions?</i></li> <li>• <i>What will we learn today?</i></li> </ul>	
9:45 – 10:30	<b>Integrating HIA within EIA: Using Environmental Laws to Achieve Institutional Accountability to the Public's Health</b> <ul style="list-style-type: none"> <li>• <i>Presentation on health requirements within EIA statutes and regulations, case studies of integrated HIA/EIA, and intervention opportunities</i></li> </ul>	Rajiv Bhatia
10:30 – 11:00	<b>Break &amp; Group Activity</b>	
11:00 – 11:30	<b>Monitoring HIA</b> <ul style="list-style-type: none"> <li>• <i>Presentation and discussion of tasks, approaches and challenges to monitoring decision accountability and examples of monitoring practice</i></li> </ul>	Rajiv Bhatia
11:30 – 12:00	<b>Evaluating HIA</b> <ul style="list-style-type: none"> <li>• <i>Presentation of evaluation types, purposes, challenges and opportunities and how evaluation can support HIA practice</i></li> </ul>	Edmund Seto, UCB HIG
12:00 – 1:00	<b>Lunch (provided)</b>	
1:00 – 2:15	<b>Communicating HIA findings</b> <ul style="list-style-type: none"> <li>• <i>Presentation on HIA communication methods including how to assess context, framing, report writing and engagement of stakeholders</i></li> <li>• <i>Small group exercise to practice developing an HIA communication plan</i></li> </ul>	Megan Gaydos
2:15 – 4:15 (includes 15 min break)	<b>Building Capacity to Conduct HIAs</b> <ul style="list-style-type: none"> <li>• <i>Discussion about SFDPH's history/engagement with HIA and ENCHIA, relationship building, and lessons learned</i></li> <li>• <i>Presentation on building capacity and community support to conduct HIAs in Sacramento: Lessons learned from a former HIA training participant</i></li> <li>• <i>Presentation &amp; exercise on implementing HIA in your own jurisdiction: Overview of resources for new practitioners to help build capacity, funding and internal &amp; external support</i></li> </ul>	Cyndy Scully  Teri Duarte, Sacramento County DHHS  Marnie Purciel, Human Impact Partners
4:15 – 5:00	<b>Discussion and Q &amp;A</b>	
5:00	<b>Course ends</b>	