

## Epidemiology Research: Internship Scope of Work

Site and Project Information																									
<b>Description of Site</b> (location, focus of work)	Dartmouth-Hitchcock Medical Center Population Health is developing a set of scorecards to measure progress towards identified public health priorities. Measures include publicly available data and program measures. This project will assist the team developing these scorecards for Dartmouth-Hitchcock and the Upper Valley and Greater Sullivan County Public Health Regions in New Hampshire.																								
<b>Project Description</b>	<p>Overview: Population Health recently adopted the Clear Impact system using results-based accountability.</p> <p>Overall Project Goals for first phase (2017-2019):</p> <ul style="list-style-type: none"> <li>• Characterize the risk environment and epidemiology of HIV, HCV, hepatitis B virus (HBV), other sexually transmitted infections (e.g. syphilis), and opioid overdose as well as the dynamics of risk behaviors, social networks, service use and needs of rural opioid users.</li> <li>• Assess geographic access to prevention, testing, and treatment services, and spatial patterns of disease and related outcomes within our rural target communities.</li> </ul> <p>Specific Goals for spring 2019:</p> <ul style="list-style-type: none"> <li>• Collect data in final study locations in NH/VT</li> <li>• Complete initial qualitative and quantitative analyses to inform development of second phase of study</li> </ul>																								
<b>Physical Address of Internship Location</b>	Williamson Translational Research Building 1 Medical Center Drive, Lebanon, NH 03756 *NOTE: Internship may require travel to different sites within NH, VT and MA.																								
<b>Focus of Internship Project</b> <i>(Please indicate with an "X" the main focus of the project. More than one may apply.)</i>	<table border="1"> <tbody> <tr> <td>Global Health</td> <td></td> <td><b>Policy</b></td> <td><b>X</b></td> </tr> <tr> <td><b>Health Education</b></td> <td><b>X</b></td> <td>Quality Improvement</td> <td></td> </tr> <tr> <td>Health Promotion</td> <td></td> <td><b>Research – Qualitative.</b></td> <td><b>X</b></td> </tr> <tr> <td><b>Health Care Delivery</b></td> <td><b>X</b></td> <td><b>Research – Quantitative.</b></td> <td><b>X</b></td> </tr> <tr> <td>Health Care Financing</td> <td></td> <td>Research – Secondary</td> <td></td> </tr> <tr> <td>Health Insurance</td> <td></td> <td>Other (Please specify):</td> <td></td> </tr> </tbody> </table>	Global Health		<b>Policy</b>	<b>X</b>	<b>Health Education</b>	<b>X</b>	Quality Improvement		Health Promotion		<b>Research – Qualitative.</b>	<b>X</b>	<b>Health Care Delivery</b>	<b>X</b>	<b>Research – Quantitative.</b>	<b>X</b>	Health Care Financing		Research – Secondary		Health Insurance		Other (Please specify):	
Global Health		<b>Policy</b>	<b>X</b>																						
<b>Health Education</b>	<b>X</b>	Quality Improvement																							
Health Promotion		<b>Research – Qualitative.</b>	<b>X</b>																						
<b>Health Care Delivery</b>	<b>X</b>	<b>Research – Quantitative.</b>	<b>X</b>																						
Health Care Financing		Research – Secondary																							
Health Insurance		Other (Please specify):																							

<b>Targeted Population</b> <i>(Please indicate with an "X" the main populations the project target. More than one may apply)</i>	Aging	Maternal and child health
	Chronic disease, specify disease:	Mental health
	<b>Community-based</b> X	Military
	Homeless	<b>Substance using</b> X
	<b>Infectious disease, specify disease: X</b> <b>HIV, Hep C and Syphilis</b>	Youth
	LGBTQ	Other, please specify:
<b>Geographic Areas of Focus</b> <i>(Please indicate with an "X", if relevant, the specific geographic region served by this project.)</i>	Upper Valley	
	<b>New England</b> X <b>(Sites in the following NH, VT and MA counties: Franklin, MA; Windham, VT; Windsor, VT; Orange, VT; Caledonia, VT; Essex, VT; Orleans, VT; Coos, NH; Grafton, NH; Sullivan, NH; or Cheshire, NH)</b>	
	Boston	
	New York	
	Washington, DC	
	Other U.S. setting (please specify):	
	International setting (please specify):	
<b>Internship Activities</b>		
<b>Potential Internship Activities</b>	1) Assist teams conducting study visits with participants. Undergraduate and graduate interns have successfully participated in study sites throughout this project.  2) Participate in data analysis of qualitative interviews and presentation of quantitative results.  3) Conduct literature review to inform intervention phase of project.  4) Assist in creating communications and presentations for project stakeholders including the research team, funders, community partners and others.	

<p><b>Learning Objectives</b> <i>(these are the skills that students will gain during an internship with your site)</i></p>	<p>1) To better understand the unique drivers contributing to the opioid epidemic in rural areas and gain experience conducting research with people who use drugs.</p> <p>2) Gain experience working with community stakeholders in community settings and local/state public health officials.</p> <p>3) Expand knowledge on the use of respondent driven sampling in studies targeting hard to reach populations.</p> <p>4) Strengthen both qualitative and quantitative research analytical skills and presentation skills.</p>	
<p><b>Specific Deliverables and Deadlines</b></p>	<p><b>Deliverable</b></p> <p>1) Literature review including annotated bibliography and literature matrix</p> <p>2) Presentation of preliminary mixed methods results aimed at stakeholders</p> <p>3) Coding of selected qualitative interviews as part of a coding team</p>	<p><b>Deadline</b></p> <p>1) April 2019</p> <p>2) May 2019</p> <p>3) Weekly throughout internship</p>
<p><b>Meeting Details</b></p>		
<p><b>Time Table for Meetings with Intern</b></p>	<p>Will work primarily with one team comprised of a research coordinator and research assistant for daily tasks. Convene with remainder of team working at TDI during weekly planning sessions. Participate in weekly conference calls with research team located at University of Massachusetts-Baystate and Tufts University and state public health leaders.</p>	
<p><b>Mode of Interaction with Site</b></p>	<p>In-person    <input type="checkbox"/>            Virtually    <input type="checkbox"/>            <b>Both</b>    <input checked="" type="checkbox"/></p>	
<p><b>Other Information</b></p>		
<p><b>Other Relevant Information</b></p>		
<p><b>Preceptor Contact Information</b></p>		
<p><b>Preceptor's Contact Information</b></p>	<p>Name</p>	<p>Dr. Aurora Drew, PhD</p>
	<p>Title</p>	<p>Co-Investigator</p>
	<p>Address</p>	<p>1 Medical Center Drive, Level 5</p>
	<p>City, State, Zip</p>	<p>Lebanon, NH, 03756</p>
	<p>Telephone(s)</p>	<p>(603) 289-7500</p>
	<p>Fax</p>	<p>N/A</p>
	<p>E-mail</p>	<p>aurora.l.drew@dartmouth.edu</p>
	<p>URL</p>	

<b>Additional Staff Working with Students</b>		
<b>Name and Contact Information of Other Staff Who Will Work with Student</b>	Name	Sonia Gill, MPH (TDI '17)
	Title	Research Coordinator
	Address	1 Medical Center Drive, Level 5
	City, State, Zip	Lebanon, NH, 03756
	Telephone(s)	(603) 443-7828
	Fax	N/A
	E-mail	sonia.gill@dartmouth.edu
	URL	N/A

***If you are interested in this internship opportunity, please contact:*** Dr. Aurora Drew, PhD  
 aurora.l.drew@dartmouth.edu