### TABLE 1: Student Projects at the University of Michigan 1997-98

<table>
<thead>
<tr>
<th>PROJECT TITLE</th>
<th>STUDY DESIGN</th>
<th>STUDENTS*</th>
<th>IRB APPROVAL</th>
<th>CONTINUED 2nd SEMESTER</th>
<th>APPROXIMATE COST **</th>
<th>DISSEMINATION OF RESULTS</th>
</tr>
</thead>
</table>
| Content and accessibility of sex education information on the internet       | Secondary data analysis Cross-sectional study | MS, EG, SA | Yes          | Yes                    | $250               | • Article in *Health Education and Behavior*  
• Article in Public Citizen’s *Health Letter*                                                                 |
| Effects of ethnicity on syringe purchasing by injection drug users in Detroit | Secondary data analysis Cross-sectional study | LR, SH     | No***        | No                     | $0                 | • Data used as part of grant application to the National Institute on Drug Abuse  
• Reported at press conference in Washington, DC  
• Articles in *Austin American Statesman, Richmond Times-Dispatch, British Medical Journal,* and Public Citizen’s *Health Letter*  
• Local television coverage  
• Submitted comments to WHO Framework Convention on Tobacco Control |
| Warnings on American tobacco packs in foreign countries                      | Cross-sectional study      | DK, MA     | No           | Yes                    | $800               | • Article in *Austin American Statesman, Richmond Times-Dispatch, British Medical Journal,* and Public Citizen’s *Health Letter*  
• Local television coverage  
• Submitted comments to WHO Framework Convention on Tobacco Control |
| Restrictions of thyroid hormone prescribing in US states                     | Cross-sectional study      | LT, JO, RJ | No           | Yes                    | $0                 | • Consulted with US congressional subcommittee conducting similar investigation |
| Comparing prices of identical human and veterinary drugs                     | Secondary data analysis Cross-sectional study | OT, AH     | No           | Yes                    | $0                 | • Article in *Journal of American College Health*  
• Article in *Ann Arbor News*  
• Article in *Michigan Daily*  
• Distribution of reprints to all University Health Services |
| Rates of hepatitis B vaccination among gay men in Ann Arbor                  | Cross-sectional study      | LS, CO, KN | Yes          | Yes                    | $1100              | • Article in *Journal of American College Health*  
• Article in *Ann Arbor News*  
• Article in *Michigan Daily*  
• Distribution of reprints to all University Health Services |
| Michigan Medicaid’s transition to managed care                               | Cross-sectional study      | SM, RA     | Yes          | No                     | $0                 |                                                                                                         |

* See acknowledgements for list of students  
** Excludes student and instructor time  
*** Data collection for project received IRB approval prior to student involvement
<table>
<thead>
<tr>
<th>Institution</th>
<th>Students Eligible</th>
<th>Dates Offered</th>
<th>Course Director/s</th>
<th>Approximate Hours of Didactic Teaching</th>
<th>Lecture Topics</th>
<th>Protocol Required</th>
<th>Project Required</th>
<th>Unique Course Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert Einstein College of Medicine of Yeshiva University</td>
<td>MS-3, MS-4</td>
<td>Fall 2002 Fall 2003</td>
<td>Galit Sacajiu, MD, MPH Steve Cha, MD Joseph Asbury, MD Joseph Ross, MD</td>
<td>77</td>
<td>X X X X X X X</td>
<td>x</td>
<td>• Participants recruited nationally • Intensive month-long seminar</td>
<td></td>
</tr>
<tr>
<td>American Medical Student Association Political Leadership Institute</td>
<td>MS-1 to MS-4</td>
<td>1996-2004</td>
<td>Braden Hexom</td>
<td>18</td>
<td>X X X X X</td>
<td>x</td>
<td>• Participants recruited nationally • Intensive 3-day seminar</td>
<td></td>
</tr>
<tr>
<td>Case Western Reserve University School of Medicine</td>
<td>MS-1, MS-2, MPH students</td>
<td>Winter 1999 Fall 1999 Fall 2000 Fall 2001 Fall 2002 Spring 2004</td>
<td>Ashwini R. Sehgal, MD</td>
<td>12</td>
<td>X X X X X</td>
<td>x</td>
<td>• Many published papers (see text)</td>
<td></td>
</tr>
<tr>
<td>George Washington University School of Public Health &amp; Health Services</td>
<td>MPH students</td>
<td>Summer 2001</td>
<td>Peter Lurie, MD, MPH</td>
<td>24</td>
<td>X X X X X</td>
<td>x</td>
<td>• Research-based projects • Collaboration with local advocacy group</td>
<td></td>
</tr>
<tr>
<td>Johns Hopkins Bloomberg School of Public Health</td>
<td>MPH students, MHS students, MS-1 to MS-4, PhD Students</td>
<td>Winter 2000 Winter 2001 Winter 2002 Winter 2003 Winter 2004</td>
<td>Susan DeFrancesco, JD, MPH Shelley Heame, DrPH</td>
<td>32</td>
<td>X X X X</td>
<td>x</td>
<td>• Mock legislative hearings • Opportunity to work with advocacy groups for additional credit</td>
<td></td>
</tr>
<tr>
<td>Johns Hopkins University School of Medicine</td>
<td>MS-1, MS-2</td>
<td>Fall 2001</td>
<td>Paul Jung, MD, MPH</td>
<td>20</td>
<td>X X</td>
<td>x</td>
<td>• Emphasis on protocol preparation</td>
<td></td>
</tr>
<tr>
<td>Massachusetts General Hospital</td>
<td>Internal Medicine Residents</td>
<td>Fall 2003 Spring 2004</td>
<td>Laura Hu, MD, MPH Valerie Stone MD, MPH</td>
<td>4</td>
<td>X X X X</td>
<td>x</td>
<td>• Two-part curriculum. 1st session didactic, 2nd session Q &amp; A panel of physician activists • Emphasis on advocacy skills</td>
<td></td>
</tr>
<tr>
<td>New York University School of Medicine</td>
<td>MS-1 to MS-4</td>
<td>Fall 2001</td>
<td>Adina Kalet, MD, MPH Allen Keller, MD Oren Tepper, MD</td>
<td>9</td>
<td>X X X X</td>
<td>x</td>
<td>• Course led by practicing physicians</td>
<td></td>
</tr>
<tr>
<td>Tulane University School of Medicine</td>
<td>MS-1, MS-2, MS-4</td>
<td>Winter 2004</td>
<td>Dan Bausch, MD, MPH</td>
<td>16</td>
<td>X X X X X X</td>
<td>x</td>
<td>• Two-part course, with first part lecture-based and second part research-based • Emphasis on issues unique to local community</td>
<td></td>
</tr>
<tr>
<td>University of Maryland</td>
<td>Undergraduate students</td>
<td>Winter 2002 Winter 2003</td>
<td>Paul Jung, MD, MPH</td>
<td>42</td>
<td>X X X</td>
<td>x</td>
<td>• Undergraduate students • Emphasis on protocol preparation</td>
<td></td>
</tr>
<tr>
<td>University of Michigan</td>
<td>Undergraduate students</td>
<td>Fall 1997</td>
<td>Peter Lurie, MD, MPH Max Heirich, PhD</td>
<td>54</td>
<td>X X X X</td>
<td>x</td>
<td>• Emphasis on protocol preparation and project completion</td>
<td></td>
</tr>
</tbody>
</table>

**TABLE 2: Activist Courses in the U.S. 1998 – present**
<table>
<thead>
<tr>
<th>Institution</th>
<th>Level</th>
<th>Semester</th>
<th>Instructor(s)</th>
<th>Credits</th>
<th>Attendance</th>
<th>Syllabus Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Michigan Medical School</td>
<td>MS-1</td>
<td>Spring 2004</td>
<td>Amer Ardati</td>
<td>6</td>
<td>X X X X</td>
<td>• Emphasis on activism as obligation of professionalism</td>
</tr>
</tbody>
</table>
| University of Minnesota School of Medicine & School of Nursing | MS-1 to MS-4, Nursing Students | Summer 2003 | Sara Axtell, PhD  
John Song, MD  
Roxanne Struthers, PhD | 10      | X X X X     | X X X X X X X X X X X X                                                   |
| University of North Carolina at Chapel Hill School of Medicine | MS-2  | Fall 2002  
Fall 2003 | Sohini Sengupta, PhD, MPH        | 20      | X X X X     | X                                                                                   |
| University of Pennsylvania School of Medicine Internal Medicine Residents | Fall 2002  
Winter 2003 | David Grande, MD  
Kevin Fosnocht, MD | 8       | X X X X     | X X X X X X X X X X X X                                                   |
| University of Pennsylvania School of Medicine | MS-1, MS-2 | Spring 2001  
Spring 2002  
Fall 2003 | Esteban Schabelman             | 15      | X X X X     | X                                                                                   |
| Yale School of Medicine                         | MS-1, MS-2 | Spring 2004 | Jack Hughes, MD                  | 22      | X X X X     | X                                                                                   |

- **University of Michigan Medical School**
  - Level: MS-1
  - Semester: Spring 2004
  - Instructor: Amer Ardati
  - Credits: 6
  - Attendance: X X X X
  - Syllabus Notes: Emphasis on activism as obligation of professionalism

- **University of Minnesota School of Medicine & School of Nursing**
  - Level: MS-1 to MS-4, Nursing Students
  - Semester: Summer 2003
  - Instructor(s): Sara Axtell, PhD  
John Song, MD  
Roxanne Struthers, PhD
  - Credits: 10
  - Attendance: X X X X X X X X X X
  - Syllabus Notes: Joint medical- and nursing-school course  
Emphasis on working with community groups

- **University of North Carolina at Chapel Hill School of Medicine**
  - Level: MS-2
  - Semester: Fall 2002  
Fall 2003
  - Instructor: Sohini Sengupta, PhD, MPH
  - Credits: 20
  - Attendance: X X X X
  - Syllabus Notes: Emphasis on research-based protocol preparation  
Working with advocacy groups is encouraged, but not mandatory  
Focus on conducting the research

- **University of Pennsylvania School of Medicine Internal Medicine Residents**
  - Semester: Fall 2002  
Winter 2003
  - Instructor(s): David Grande, MD  
Kevin Fosnocht, MD
  - Credits: 8
  - Attendance: X X X X
  - Syllabus Notes: Resident physicians  
Intense 2-day course  
Emphasis on communicating results

- **University of Pennsylvania School of Medicine**
  - Level: MS-1, MS-2
  - Semester: Spring 2001  
Spring 2002  
Fall 2003
  - Instructor: Esteban Schabelman
  - Credits: 15
  - Attendance: X X X X
  - Syllabus Notes: Emphasis on advocacy skills and direct action

- **Yale School of Medicine**
  - Level: MS-1, MS-2
  - Semester: Spring 2004
  - Instructor: Jack Hughes, MD
  - Credits: 22
  - Attendance: X X X X X X
  - Syllabus Notes: Introduction to activism in medicine, lecture series  
Develop and implement project proposals (smaller group)