### Medicine in the Media Workshop

**Host:** Johns Hopkins SAIS  
**Funder:** Arnold Ventures (via Dartmouth)

**Monday, January 9, 2023**

<table>
<thead>
<tr>
<th>Time</th>
<th>Background</th>
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</thead>
<tbody>
<tr>
<td>9:15-9:45</td>
<td>Registration</td>
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</tbody>
</table>
| 9:30-10:00 | **Introductions** [Steven Woloshin]  
**Opening Remarks** [Barry Kramer] |
| 10:00-10:30 | **Workshop Evaluation:** Pre-Evaluation Forms  
[Ellie Fallon] |
| 10:30-11:30 | **Big Picture Overview** [Woloshin]  
**Using What You Learned (Numbers)** [Woloshin]  
**Use What You Learned (Observational Studies)** [Woloshin] |
| 11:30 11:45 | Break  
Break  
Break |
| 11:45-12:30 | **How Big? Numbers in Research** [Woloshin]  
**Using What You Learned (Numbers)** -- continued [Woloshin]  
**Use What You Learned (Observational Studies)** -- continued [Woloshin] |
| 12:30-14:00 | Lunch (on own)  
Lunch (on own)  
Lunch (on own) |
| 14:00-15:00 | **How Sure? Research Designs** [Woloshin]  
**Navigating the World of Statistical Modeling of Health Outcomes** [John Ioannidis, Stanford University]  
**Hands on Sessions** – Introduction to important data and information sources  
PDQ [Robin Juthe, NCI]  
SEER [Denise Lewis, NCI] |
| 15:00-15:30 | Break |
| 15:30-16:30 | **Science Meets the Headlines** [Gary Schwitzer, University of Minnesota]  
**Cancer Screening** [Kramer]  
**SEER** [Denise Lewis, NCI]  
**PDQ** [Robin Juthe, NCI] |
| 16:30-17:30 | **Closing the racial, economic & social inequities in health care** [Otis Brawley, Johns Hopkins]  
**Responsible Use of Anecdote** [Liz Szabo [video]]  
**Fact Check!** [Sara Gorman, Critica] |
| 17:30-18:00 | Break |
| 18:00- | **Dinner/Talk**  
Doug Lowy, Deputy Director, NCI |

**Tuesday, January 10, 2023**

<table>
<thead>
<tr>
<th>Time</th>
<th>Skill Building</th>
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<tbody>
<tr>
<td>9:15-9:45</td>
<td>Registration</td>
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<tr>
<td>9:30-10:00</td>
<td><strong>How Sure? The Limited Role of Statistics</strong> [Woloshin]</td>
</tr>
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| 10:00-10:30 | **Workshop Evaluation:** Pre-Evaluation Forms  
[Ellie Fallon] |
| 10:30-11:30 | **Using What You Learned (Numbers)** [Woloshin]  
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| 11:30 11:45 | Break  
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| 11:45-12:30 | **How Big? Numbers in Research** [Woloshin]  
**Using What You Learned (Numbers)** -- continued [Woloshin]  
**Use What You Learned (Observational Studies)** -- continued [Woloshin] |
| 12:30-14:00 | Lunch (on own)  
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| 14:00-15:00 | **Navigating the World of Statistical Modeling of Health Outcomes** [John Ioannidis, Stanford University]  
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| 17:30-18:00 | Break |
| 18:00- | **Dinner/Talk**  
Doug Lowy, Deputy Director, NCI |

**Wednesday, January 11, 2023**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:15-9:45</td>
<td>Registration</td>
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<tr>
<td>9:30-10:00</td>
<td><strong>Vaccination: Facts and Fears</strong> [Susan Ellenberg, University of Pennsylvania]</td>
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<td>10:00-10:30</td>
<td><strong>Understanding of Diagnostic Tests Reported in the Medical Literature or Advertised in the Media</strong> [Timothy Wilt, University of Minnesota, VA MN]</td>
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| 10:30-11:30 | **Big Picture Overview** [Woloshin]  
**Using What You Learned (Numbers)** [Woloshin]  
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| 11:30 11:45 | Break  
Break  
Break |
| 11:45-12:30 | **How Big? Numbers in Research** [Woloshin]  
**Using What You Learned (Numbers)** -- continued [Woloshin]  
**Use What You Learned (Observational Studies)** -- continued [Woloshin] |
| 12:30-14:00 | Lunch (on own)  
Lunch (on own)  
Lunch (on own) |
| 14:00-15:00 | **Navigating the World of Statistical Modeling of Health Outcomes** [John Ioannidis, Stanford University]  
**Hands on Sessions** – Introduction to important data and information sources  
PDQ [Robin Juthe, NCI]  
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| 17:30-18:00 | Break |
| 18:00- | **Dinner/Talk**  
Doug Lowy, Deputy Director, NCI |

**Thursday, January 12, 2023**

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<tr>
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<tr>
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<td>10:00-10:30</td>
<td><strong>Judgement and Decision Making</strong> [Baruch Fischhoff, Carnegie Mellon]</td>
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| 10:30-11:30 | **Big Picture Overview** [Woloshin]  
**Using What You Learned (Numbers)** [Woloshin]  
**Use What You Learned (Observational Studies)** [Woloshin] |
| 11:30 11:45 | Break  
Break  
Break |
| 11:45-12:30 | Break (11:30-11:45 am)  
Break  
Break |
| 12:30-14:00 | Lunch (on own)  
Lunch (on own)  
Lunch (on own) |
| 14:00-15:00 | **How Big? Numbers in Research** [Woloshin]  
**Using What You Learned (Numbers)** -- continued [Woloshin]  
**Use What You Learned (Observational Studies)** -- continued [Woloshin] |
| 15:00-15:30 | Break |
| 15:30-16:30 | **Wrap Up & Post-Evaluations** |

**Featured Speaker:** *How I Got the Story*

Paul Goldberg, Editor, The Cancer Letter
## Faculty/Speakers

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<th>Name</th>
<th>Affiliation</th>
<th>Topic</th>
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<td>Steven Woloshin</td>
<td>Dartmouth Institute, and Lisa Schwartz Foundation</td>
<td>(Core faculty)</td>
</tr>
<tr>
<td>Barry Kramer</td>
<td>Lisa Schwartz Foundation</td>
<td>(Core faculty)</td>
</tr>
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<td>Gary Schwitzer</td>
<td>Health News Review</td>
<td>When Science Meets Headlines</td>
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<td>Otis Brawley</td>
<td>Johns Hopkins University</td>
<td>(Closing the racial, economic, and social inequities in oncology &amp; health care)</td>
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<tr>
<td>Doug Lowy</td>
<td>Principal Deputy Director, National Cancer Institute</td>
<td>Research Opportunities for Cancer Prevention, Screening and Treatment</td>
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<tr>
<td>John Ioannidis</td>
<td>Stanford University</td>
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<td>Susan Ellenberg</td>
<td>University of Pennsylvania</td>
<td>Vaccine Development, Approval and Anti-Vax Disinformation</td>
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<tr>
<td>Robin Juthe</td>
<td>National Cancer Institute</td>
<td>NCI’s Physician’s Data Query (PDQ)</td>
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<tr>
<td>Denise Lewis</td>
<td>National Cancer Institute</td>
<td>Surveillance, Epidemiology and End Results (SEER)</td>
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<tr>
<td>Paul Goldberg</td>
<td>Cancer Letter</td>
<td>How I Got the Story</td>
</tr>
<tr>
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<td>University of Minnesota, Dept Veterans Affairs, Lisa Schwartz Foundation</td>
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<tr>
<td>Baruch Fischhoff</td>
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<tr>
<td>Eleanor (Ellie) Fallon</td>
<td>University of Limerick, Ireland</td>
<td>Workshop Evaluation</td>
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