Activity S1: MiBRFS

- 5 cancer genomics questions added to 2015 BRFS survey, asked in the field through December 2015
- Release of weighted survey results to BRFS coordinator expected Spring 2016
- Analysis of results expected Summer 2016, with MiBRFS Cancer Genomics Surveillance Brief to follow

Activity S2: BRCA Clinical Network Database

- 17 clinical cancer genetic partners currently part of BRCA Clinical Network database, submitting data on all BRCA-related genetic counseling visits
  - 2 new clinical partners to join our efforts in the upcoming months
- Most recent data extraction included visit information for 17,481 patients overall
  - Steady increase in genetic services utilization between Fiscal Years 2008-2013
  - When utilization was examined by dichotomous race (whites & blacks), increase in utilization was less substantial in blacks than their white counterparts
- Database error logs completed and disseminated to all partner clinics, and cancer genomics epidemiologist (CGE) worked in collaboration with clinical partners to correct data entry mistakes.
- Analysis of aggregate data completed, also segmented further:
  - by clinic
  - by year
  - by clinic by year
- Results of data analysis disseminated to partner clinics
- Comparative analysis also completed, highlighting characteristic differences between two patient subpopulations: Those patients residing in counties with the highest utilization and those residing in counties with the highest incidence of breast cancer at a young age (BCYA) or ovarian cancer
  - Results presented to clinical partners via a webinar
  - In-person presentation of results at Michigan Public Health Association Epidemiology Section conference
  - 3 topic-specific BRCA Clinical Network briefs regarding results are currently in draft stage, to be disseminated to partners and general public
- Updated Hereditary Cancer Network database is currently in the planning/logistics phase
  - Streamlined for ease of use by clinical partners
  - More comprehensive data entry to include data related to other hereditary cancer syndromes/genes in addition to HBOC/BRCA
Activity S3: **LSSN Database**

- 125 current LSSN partner institutions
  - 2014: 7,342 *colorectal tumors* screened, 2,070 *endometrial tumors* screened by LSSN members
  - 2015: 5,877 *colorectal tumors* screened, 2,412 *endometrial tumors* screened by LSSN members
  - To date: 24,675 *colorectal tumors* screened, 8,818 *endometrial tumors* screened by LSSN members
- LSSN Database currently in transition; University of New Hampshire potential institution to house it

Activity S4: **Michigan Cancer Surveillance Program Incidence and Mortality Data**

- Preliminary analysis of 2012 incidence data and 2013 mortality data complete

<table>
<thead>
<tr>
<th>Cancer Type</th>
<th>N</th>
<th>Deaths</th>
<th>Age-Adj. IR†</th>
<th>Age-Adj. MR‡</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCYA (age ≤ 50)</td>
<td>1,542</td>
<td>80</td>
<td>21.8</td>
<td>2.2</td>
</tr>
<tr>
<td>Triple Neg. BC, age ≤ 60</td>
<td>497</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Ovarian Cancer</td>
<td>752</td>
<td>545</td>
<td>6.6</td>
<td>4.6</td>
</tr>
<tr>
<td>Colorectal Cancer</td>
<td>4,545</td>
<td>1,766</td>
<td>39.1</td>
<td>14.9</td>
</tr>
<tr>
<td>Endometrial Cancer, age &lt; 50</td>
<td>214</td>
<td>16</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

† IRs/MRs per 100,000 individuals

- Future analysis efforts will focus on county-level data and multiple primaries

New Surveillance Activities:

Activity S8: **PRAMS Component D: Family History of Breast and Ovarian Cancer Survey**

- Received official notice of award 4/28/16
- **FOA purpose:** To expand Core PRAMS methods and sampling to collect data on family history of breast and ovarian cancer in women who recently delivered a live birth, adding valuable information to the current surveillance, medical evaluation, and cancer prevention efforts focused on identifying populations at risk, including women of reproductive age
- Submitted grant proposal to CDC in November 2015
- Proposed Award Start Date: May 1, 2016
- Will consist of approx. 10-15 CDC-formulated cancer genomics questions

Activity S9: **MI Breast and Cervical Cancer Control Navigation Program**

- Access granted to BCCCNP data in September 2015
- Preliminary analysis completed
  - N = 185,135 clients (2006-2015)
  - 1.77% reported *personal history of breast cancer*
  - 17.5% reported *family history of cancer*
- Genetic counseling visits for BCCCNP clients launched in March 2016; Counseling and testing analysis to be done by CGE, once data becomes available

Feel free to contact Cancer Genomics Epidemiologist, Jillian Schrager with any questions or comments regarding surveillance activities: SchragerJ@michigan.gov/517-373-2929