Creating Opportunities for Collaboration and Scientific Discussion

Carmen Marsit, PhD
Assistant Professor
Pathology & Laboratory Medicine
2-day scientific retreat

• Goals
  – Discuss current efforts of research
  – Identify novel collaborative projects
  – Educate each other on various topics surrounding research programs
  – Engage students and post-docs with senior faculty
24 participants
- 11 faculty
- 4 Post-doctoral fellows
- 9 students

5 Universities
2 Hospitals
7 Departments

Studying 9 different cancers
Outcomes – Publications!

Aging and Environmental Exposures Alter Tissue-Specific DNA Methylation Dependent upon CpG Island Context

Brock C. Christensen¹,², E. Andres Houseman²,³, Carmen J. Marsit⁴, Shichun Zheng⁴, Margaret R. Wrensch⁴, Joseph L. Wiemels⁵, Heather H. Nelson⁶, Margaret R. Karagas⁷, James F. Padbury⁸, Raphael Bueno⁹, David J. Sugarbaker⁹, Ru-Fang Yeh⁵, John K. Wiencke⁴, Karl T. Kelsey¹,²

Jennifer L. Longacker⁵, Shichun Zheng⁷, Ru-Fang Yeh⁸, Margaret R. Wrensch⁷, Joseph L. Wiemels⁸, Margaret R. Karagas⁹, Raphael Bueno⁶, David J. Sugarbaker⁹, Heather H. Nelson,⁶ John K. Wiencke⁹, and Karl T. Kelsey¹,²
Outcomes

- 6 Papers Published or in Press
- 3 Papers Currently Under Review
- 7 Papers in Preparation
- 1 Submitted Patents Application
- 1 Statistical Program Freely Available through CRAN - R

- 2 R01 applications submitted
  - Marsit
  - Houseman
- 1 ACS grant submitted
  - Marsit
- 1 Funded P01 Project
  - Wiemels - UCSF
ADVANCE Program Award

• Made possible this “Mega-Collaboration”
• Made possible collaborative efforts not otherwise possible or thought about
• Aided Brown students and Post-docs now & in their future careers

• UNDERSCORES IMPORTANCE OF INTERDISCIPLINARY COLLABORATIVE RESEARCH on careers of young investigators!