

MIDDLE EAST CANCER CONSORTIUM



Research Training Using Cancer Registry Data
Hilton Hotel

Istanbul, Turkey, March 30, 2007

DAY 1

- 8:00-10:30 **A. Rationale for a research initiative** Dr. Anton-Culver, Dr. Brewster & Dr. Zell
- Identifying research priorities,
 - Examples will be discussed by each Faculty

10:30-11:00 Coffee Break

- 11:00-12:00 **B. Study planning, Design, and Preparing a Protocol** Dr. Wendy Brewster
- Hypothesis
 - Rationale
 - Design
 - Population understudy
 - Data collection
 - Population-based versus clinic-based studies
 - Examples of active protocols

12:00-12:30 **General Discussion** All Faculty

12:30-13:30 Lunch

- 13:30-14:30 **C. Additional Study Planning, Designs, and Preparing a Protocol** Dr. Jason Zell
- Definition of exposure and exposure measurement (questionnaires & Biomarkers)
 - Biological sample collection and storage
 - Sample size and study duration

14:30-15:00 **General Discussion**

15:00-15:30 Coffee Break

- 15:30-17:00 **D. Research Conduct and Grant Writing** Dr. Anton-Culver
- Select feasible & appropriate research project
 - Review literature, formulate hypothesis
 - Preparing a research proposal and obtaining funding

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DAY 2

- 8:00-10:00 E. Budget preparation and justification Dr. Anton-Culver
- 10:00-10:30 Coffee Break
- 10:30-11:15 F. Statistical Approaches and methods Dr. Jason Zell
- Measurement scales, summary statistics, variance
 - Hypothesis testing, Rates, Ratios, Standardization
 - Sampling methods and power estimation
- 11:15-12:00 F. Statistical Approaches and methods Dr. Wendy Brewster
- Casual associations, Bias, and Confounding
 - Probability – incidence, age-adjusted incidence, lifetime risk
 - Survival analysis
 - Other statistical topics (GIC coding)
- 12:00-13:30 Lunch
- 13:30-14:00 G. Infrastructure establishing a research
- IRB and Confidentiality and security of the data
 - Interview potential participants (cases and non-cases)
 - Guidelines for participation in local, regional and international research
- 14:00-14:30 General Discussion
- 14:30-15:00 Coffee Break
- 15:00-15:30 H. Access to data; Registry Guidelines
- 15:30-16:00 I. Review of Grant applications Panel discussion
- 16:00-16:30 J. Mentoring/ review committee and follow up Panel discussion
- 16:30-17:00 K. General discussion and future planning