

CCSS Statistical Center Update

**Annual Investigators' Meeting
August 24-25, 2007
Memphis, TN**

Who We Are



SEATTLE

Pam

Toana

John

Wendy

Goodman

Kawashima

Whitton

Leisenring



EDMONTON

**Yutaka
Yasui**

**Qi
Liu**

**Adeniyi
Adewale**

**Irina
Dinu**

**Anmmd
Kamruzzaman**

Statistical Center Overview

Personnel:

~3 FTE in Seattle

~1 FTE in Edmonton

Key Activities

- Data Management
- Proposal Development
- Statistical Analyses

1. Data management

Data Freezing

- Carry out error checks on new data elements
 - Internal checks (outliers, impossible values)
 - External comparisons to existing data
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- February 2006 “frozen” data:
 - Includes Survivor and Sibling FU2 data
 - Finalizing Freeze of FU3 data (minimal new info)
 - Shifting more data management to St Jude

1. Data management

- Carried out selection of Expanded Cohort with USC
 - Developed selection algorithm utilizing sampling weights
 - USC staff applied program to eligible subjects for final selection of 20,729 survivors

1. Data management

Public Use Data Set

- Jim Gurney leading planning effort
- Examine different options with staged rollout
 - Static tables
 - Interactive
 - Generate tailored tables
 - Generate analyzable database

1. Data management

Missing Data Imputation

- Edmonton is using Multiple Imputation (MI) for imputing tx missing values
- Advantage that all baseline participants enter the tx-related analyses
- Use of MI is similar to NHANES, CHS

2. Proposals, Ancillary studies

- Assist with development of all analysis proposals
- Collaborated on ancillary study grant proposals (4 in past year)
 - Early involvement

3. Statistical Analyses

CCSS projects with Stat Center Involvement

Published (ever)	58
- 2005-2007	30

Submitted	6
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In draft form	15
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Manuscript in preparation	12
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Analyses Ongoing	20
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In Queue waiting for Statistician	10
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- Detailed listing in Meeting Notebook

Future plans

- Push both investigators and statisticians to finish current projects
 - Complete “drafts”
- Two methodology papers/projects:
 - Missing data imputation
 - CCSS participation
- Work with Jim Gurney to create Public Use data set.
- Work with St Jude coordinating center to freeze FU2007 data.

Interactive Options

- SAS/IntrNet
 - Users run SAS over internet. User does not need SAS on own machine.
- SAS ODS HTML
 - SAS output saved as HTML. User accesses previously generated tables (could be quite extensive)