



**Newsletter**  
 of the  
**Harrisburg Chapter**  
 of the  
*American Statistical Association*

President

Sandra Kingan

[srkingan@psu.edu](mailto:srkingan@psu.edu)

948-6084

President Elect

Secretary

Jim Lehman

[jlehman@state.pa.us](mailto:jlehman@state.pa.us)

783-2548

Treasurer

Haddon Carryer

[had@globalim.com](mailto:had@globalim.com)

245-2811

**Dr. Winston Richards will Speak on**  
**Elevate Infant Death Rates in Dauphin County:**  
**A Product of Chance**  
**A Seminar at The Penn State College of Medicine**

On Thursday **February 26<sup>th</sup>** Dr. Richards will speak at the **Penn State College of Medicine**, Department of Health Evaluation Sciences in the Academic Support Building in Hershey.

***Elevated Infant Death Rates in Dauphin County: A Product of Chance.*** Attention has been focused on the South Central Pennsylvania region since the occurrence of the Nuclear Accident at the Three Mile Island Electricity Power Generating Plant in March of 1979. Today there is continuing discussion on what may have been the adverse effects of this accident on the population and immediate environment.

The probability map and techniques borrowed from Quality Control (the CUSUM chart) are used to investigate the observed elevation of infant death rates in Dauphin County after the accident. TMI is located in Dauphin County. This paper is jointly written with Martin Beibel from the University of Freiburg.

Winston Richards PhD. is a Associate Professor of Mathematics, Penn State Harrisburg. Dr. Richards is a Chapter member and Past President of the Harrisburg Chapter of the ASA.

For more information on this and other seminars in the Department of Health Evaluation Sciences, please contact Allen Kunselman ([akunselman@psu.edu](mailto:akunselman@psu.edu))

**The Harrisburg Chapter of the American Statistical Association now has a WEB Page. Go to the following link.**  
<http://cs.hbg.psu.edu/asa-hbg/>

## Upcoming Events

**Monday, March 1, 5:30 pm:**

**Meeting of the Harrisburg Chapter of the Society of Actuaries.** Speaker: Niel Parmenter, President of the Society of Actuaries .

Location: Sheraton Four Points Hotel on Union Deposit Road just off I-83. Cost \$25 for members and \$30 for non-members. The cost includes dinner.

**Wednesday, March 24, 1:00 - 2:00 pm:**

A Public Lecture at Penn State Harrisburg. The speaker: will be **Douglas Osheroff**, Professor of Physics, Stanford University, co-recipient of the 1996 Nobel prize in Physics.

Title: **The Columbia Disaster.**

Location: Penn State Harrisburg, Capital Union Building (CUB), Middletown, PA

**Wednesday, March 24, 2:00 - 8:00 pm:**

**Mathematics Symposium at Penn State Harrisburg**

The focus of the symposium is operations research and industrial engineering.

More information is available at

<http://cs.hbg.psu.edu/pme/mathsymposium/>

Location: Penn State Harrisburg, Capital Union Building (CUB), Middletown, PA.

## **2004 Science and Engineering Fairs**

**Monday, March 8, 8:00 am:**

**York County Science and Engineering Fair**

Location: Penn State York, York PA

**Monday, March 15, 8:00 am:**

**Capital Area Science and Engineering Fair**

Location: Dickinson College, Carlisle, PA.

**Volunteer statisticians needed for science fair judging. If you are interested please contact John Rinehart.**

[JohnMRinehart@alumni.pitt.edu](mailto:JohnMRinehart@alumni.pitt.edu)

### *Executive Committee*

Sandra Kingan - President

vacant - President-elect

Jim Lehman - Secretary

Haddon Carryer - Treasurer

Winston Richards - Council of Chapters ASA

Vacant - State Statistics Ch.

John Rinehart - Past President

Delray Schultz - Past President

Lori Koontz - Past President

Robert Dewar - Past President