



The University of Chicago
Department of Statistics

MASTER'S THESIS PRESENTATION

XI XI

Department of Statistics
The University of Chicago

**Analysis of Long-term Speaking and Swallowing
Performance for Patients With Advanced
Head and Neck Cancer**

THURSDAY, February 10, 2011, at 1:00PM
133 Eckhart Hall, 5734 S. University Avenue

ABSTRACT

Speaking and swallowing deficits are experienced by many survivors of primary cancers of the head and neck. A three year clinical trial was performed at Department of Radiation Oncology, Department of Surgery at the University of Chicago Medical Center. This study was aimed to identify factors such as characteristics of the patient, tumor, treatment, and response that may influence patient-centered measures of long-term speech and swallowing function after successful use of chemoradiotherapy to treat cancers of the head and neck. Univariate and Multivariate Analysis were performed in this study. As advances in therapy have led to improved performance in these patients, understanding and controlling side effects of treatment should continue to be an active area of investigation.

Information about building access for persons with disabilities may be obtained in advance by calling Sandra Romero at 773.702-0541 or by email (sandra@galton.uchicago.edu).