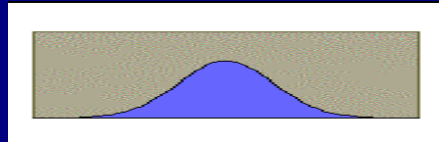


Center for Research & Consulting in Statistics

University of North Florida

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A Few Words from the Director

The Center for Research & Consulting in Statistics is searching aggressively for new clients, relationships, and opportunities. The Center's goal is to be the major center for statistical research and consulting in North Florida. To find out more about the center visit our web site or call me, Peter Wludyka.

Statistics Courses at UNF for this Fall

Knowledge of statistical methods, statistical software, and knowing how to use data to support decision-making can impact the bottom-line. By taking one of the courses below, you or a member of your organization can become an in-house statistics resource.

STA 2014 Elementary Statistics for Health and Social Sciences (Also available this summer)

STA 2023 Elementary Statistics for Business (Also available this summer)

STA 3163 Statistical Methods I

STA 4222 Design of Sample Surveys

STA 4321 Probability and Statistics

STA 4405 Probability Models

Counting Visitors to Florida

VISIT FLORIDA — the official marketing and tourism company for the state of Florida — has contracted with the CRCS to oversee the development and implementation of a new survey methodology for estimating the number of visitors to Florida. VISIT FLORIDA provides monthly estimates of the number of visitors departing the state of Florida by air and auto. A team from George Washington University has proposed changes in the current estimation methodology. Barry Pitegoff, Director of Research for Visit Florida, is heading up the team responsible for implementing the new estimation methodology.

Services offered by the Center

- design, development and presentation of workshops and mini-courses
- statistical consulting services and expertise, including data mining, statistical quality control, process improvement through designed experiments and analysis of survey data
- planning and technical support for data acquisition and analysis for academic researchers and other members of the community
- technical support and partnerships with those seeking or working under grants.

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How to contact the Center

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Tobacco Control Surveys

The Center is has recently completed its work for the Florida Tobacco Project. The Center provided statistical support for three large state-wide research studies: A Designated Opinion Leader Survey, A Nominated Opinion Leader Survey, and A Law Enforcement Survey. This research — funded at over \$300,000 — investigated attitudes regarding youth tobacco control issues and policies. The project team from the UNF College of Health consisted of Dr. Bill Livingood, Judy Sayre, and Dr. Jerry Hallan. Phillippe Dore and other members of the CRCS team provided statistical analyses. This research generated five papers that were submitted for presentation at national meetings.

Pass this Newsletter on to anyone in your organization who might find it interesting.

Business Cards

If you are reading this second hand, drop a business card in the mail to be put on the Center mailing list. Or e-mail appropriate data about yourself and your organization to pwludyka@unf.edu

Training and Mini-courses

The Center offers tailor-made and off-the-shelf statistical training in critical areas such as

- *Introductory & Intermediate Quality Statistics*
- *Process and Product Improvement using Designed Experiments (DOE)*
- *Statistical Process Control (SPC)*
- *Analyzing and Interpreting Survey Data*

Student Consulting Projects

Graduate students working at the Center gain hands-on consulting experience in a wide range of applications. Young-Ku Choi has completed two statistical studies involving collaboration with local doctors. Young performed the statistical analysis for a study of the effectiveness of external beam radiotherapy and brachytherapy for oncologist Marc S. Rudoltz, M.D. The findings are being submitted for national publication. Young also analyzed the effects of a CO₂ laser for local plastic surgeon Scott Trimas, M.D.

The University of North Florida offers an undergraduate degree in Statistics, courses suitable for a minor in statistics, as well as a master's degree in Mathematical Sciences with a concentration in Statistics. Classes are also available for non degree-seeking individuals who want to enhance their statistics skills.

