



Cutting to the Common Core: Statistics and Probability Grades 6-8

July 28, 29, 30, 2014

Instructor:

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John Carroll University

Are you looking for help in understanding and implementing the Common Core Standards' Statistics and Probability domain in grades 6-8?

Then this workshop is for YOU! Content material and mathematical practice strategies will be modeled. Topics will include:

- The GAISE model that informs the statistical process on which the Sixth grade Standards are based - what is a statistical question, measuring the center of a distribution (median, mean) and the spread of a distribution (IQR and mean absolute deviation);
- The extensive offerings in grade 7 - Random sampling, sampling distribution, measuring the difference of two centers in terms of a measure of variability, informal inference, and probability models;
- The extension to bivariate data for categorical and numerical data and how statistics links to the mathematical topic of developing a line.

Receive a copy of *Bridging the Gap between Teaching Statistics and the Common Core State Standards*, a publication of 20 statistics and probability activities for the middle grades as well as lots of resources including classroom-ready activities.

Location: All summer sessions run from 8:30 am until 3:30 pm and are held on the campus of John Carroll University.

Cost: The cost for the 3 day workshop and all materials is \$150 per person. Lunch Included. Early registration is encouraged.

Non-degree graduate credit (optional): 1 credit hour @ \$160 per hour. More information on graduate credit will be offered on the first day of the course.

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8:30-3:30

**PERSONAL INFORMATION
PLEASE PRINT**

Name: _____

School: _____ District: _____

Home Address: _____

City: _____ Zip: _____

Home Phone: _____ Cell: _____

Work Phone: _____ Fax: _____

Email address: _____

What is your current position? (ex. 6th grade teacher, 8th grade science teacher, curriculum specialist, etc.): _____

Mail the completed registration form with a check for \$150 for the Grades 6-8 workshop payable to
“**John Carroll University**”

or send a school purchase order to:

**John Carroll University
C/O CMSETT
1 John Carroll Boulevard
University Heights, OH 44118**

or fax the registration form with a purchase order to 216.397.4544.

Upon receipt of your application and payment, you will receive an email confirmation of your registration. In May 2014, you will receive another email with workshop details. Please contact The Center for Mathematics and Science Education, Teaching and Technology at John Carroll University if you do not receive this information (216.397.4575) within 10 days of your application.

Note: Registration fee is not refundable after June 1st, 2014, however you may transfer your registration to another person at the same grade level.