




2-day In-person Seminar:

Biostatistics for the Non-Statistician

-  San Diego, CA
-  March 14th & 15th, 2019
-  9:00 AM to 6:00 PM



Elaine Eisenbeisz

Owner and Principal Statistician, Omega Statistics

Elaine Eisenbeisz is a private practice statistician and owner of Omega Statistics, a statistical consulting firm based in Southern California.

Elaine has over 30 years of experience in creating data and information solutions for industries ranging from governmental agencies and corporations, to start-up companies and individual researchers.

In addition to her technical expertise, Elaine possesses a talent for conveying statistical concepts and results in a way that people can intuitively understand.

Elaine's love of numbers began in elementary school where she placed in regional and statewide mathematics competitions.

Why should you attend:

Statistics is a useful decision making tool in the clinical research arena. When working in a field where a p-value can determine the next steps on development of a drug or procedure, it is imperative that decision makers understand the theory and application of statistics.

Many statistical softwares are now available to professionals. However, these softwares were developed for statisticians and can often be daunting to non-statisticians. How do you know if you are pressing the right key, let alone performing the best test?

Price

Price: **\$2,000.00**

(Seminar for One Delegate)

Register now and save \$200. (Early Bird)

Register for 5 attendees

Price: \$10,000.00

Register for 10 attendees

Price: \$20,000.00

ENROLL

***Please note the registration will be closed 2 days (48 Hours) prior to the date of the seminar.*



Agenda:

Day One

Lecture 1 (90 Mins): [Why Statistics?](#)

- Do we really need statistical tests?
- Sample vs. Population
- Statistician \neq Magician.
What statistics can and can't do.
- Descriptive statistics and measures of variability

Lecture 2 (90 Mins): [The many ways of interpretation](#)

- P-values
- Effect sizes
- Confidence intervals
- Statistical vs. Meaningful significance

Lecture 3 (90 Mins): [Common Statistical Tests](#)

- Why Test? Null Hypothesis Significance Testing (NHST)
- Comparative tests
- Correlation
- Multiple Regression analysis
- Non-parametric techniques

Lecture 4 (90 Mins): [Bayesian Logic](#)

- A different way of thinking
- Bayesian methods and statistical significance
- Bayesian applications to diagnostics testing
- Bayesian applications to genetics

Who will benefit:

- Physicians
- Clinical Research Associates
- Clinical Project Managers/Leaders
- Sponsors
- Regulatory Professionals who use statistical concepts/terminology in reporting
- Medical Writers who need to interpret statistical reports

Day Two

Lecture 1 (90 Mins): [Interpreting Statistics - Team Exercise](#)

- Team Exercise: Review a scientific paper and learn how to
 - Interpret statistical jargon
 - Look for reproducibility, transparency, bias, and limitations
 - Convey information coherently to non-statisticians

Lecture 2 (90 Mins): [Study power and sample size](#)

- Review of p-value, significance level, effect size & how they are use in sample size calculations
- Formulas, software, and other resources for computing a sample size

Lecture 3 (90 Mins): [Developing a Statistical Analysis Plan](#)

- Using FDA guidance as a foundation, learn the steps and criteria needed to develop a statistical analysis plan (SAP).
- An SAP template will be given to all attendees.

Lecture 4 (90 Mins): [Specialized topics/Closing Comments/Q&A](#)

- Logistic Regression.
- Comparing survival curves
- Cox Regression interpretation
- Question and Answer session



Group Participation

10%	2 Attendees to get offer
20%	3 to 6 Attendees to get offer
25%	7 to 10 Attendees to get offer
30%	10+ Attendees to get offer

Payment Option

- 1 Credit Card: Use the Link to make Payment by Visa/Master/American Express card click on the register now link
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What You will get

- 1 Learning Objectives
- 2 Participation certificates
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- 7 Special price on future seminars by GlobalCompliancePanel.
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- 9 Networking with industry's top notch professionals

Contact Information: Event Coordinator

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Kindly get in touch with us for any help or information.

Look forward to meeting you at the seminar

GlobalCompliancePanel