



Salivary Analyte Basics for Behavioral and Social Scientists

Salimetrics opens its facility for training focused on the measurement of salivary analytes and integration of salivary measures into behavioral, social, and health sciences.

Lectures

Will focus on oral fluids as biological specimens; saliva collection dos and don'ts; specialty issues related to sample handling, storage and shipping, sampling designs to capture information about acute change, awakening response, diurnal variation; basics of enzyme immunoassay techniques used for assaying saliva; statistical issues involved with salivary analyte data; and writing about salivary analyte data in papers, presentations, and proposals.

Laboratory activities

Will be hands-on and focus on the process through which samples are received, inventoried and prepared for assay or storage. Under direct supervision, attendees will participate in the assay of samples by enzyme immunoassay. Samples will be collected, assayed, and data generated for discussion. The emphasis will be on 'process' with the objective of developing a comprehensive understanding of the inherent strengths and weaknesses of data derived from immunoassay.

Who Should Attend?

Advanced graduate students, post-doctoral scholars, academic faculty interested in learning about the basics of salivary collection, testing, and data so they may integrate these measures into their existing theoretical or measurement models. Principal investigators, project coordinators, and research assistants who need to know how to properly collect saliva and where salivary assay results come from so they can conduct research and work with salivary data at a high scientific level. These sessions are not for laboratory technicians processing salivary immunoassays.

Presenters/Speakers

The workshop is being hosted by Dr. Douglas A. Granger, Professor of Biobehavioral Health and director of the Penn State Behavioral Endocrinology Laboratory. He is the founder and president of Salimetrics LLC. Dr. Granger will present the lectures and lead discussion sessions.

Laboratory activities will take place in break-out groups of 2-3 attendees. All laboratory assignments and tutorials will be lead by Salimetrics biotechnicians.

Tentative Workshop Itinerary

	Friday	Saturday
8:30	Lecture	Lab
10:00	Break	Break
10:15	Lecture	Lab
12:00	Working Lunch	Lunch break
1:00	Lecture	Lab
2:00	Lab	Lab
5:00	Discussion	Discussion
6:00	Group Dinner	Departure

Location

Salimetrics, 101 Innovation Blvd., Suite 302, State College PA, 16803

Accommodations

Salimetrics laboratories are conveniently located within a 2-minute walk of the Penn State Hotel and Conference Center. Reservations can be made at 814.863.5000. Within a 1-mile radius of Salimetrics facilities are Hilton Gardens and Courtyard by Marriott. Accommodations are the responsibility of the attendee. Salimetrics strongly recommends making reservations at least 3 weeks in advance.

Food/Beverage

Breakfasts are on your own. Coffee, juice, water and snacks will be available. Lunch will be provided each day as well as a group meal on Friday evening.

Fees

If you can get here, we gotcha covered: The workshops are provided as a non-profit service in the interest in supporting the academic community. A user fee of \$250 per attendee is charged to cover the cost of food, as well as reagents and materials to be used during the laboratory training activities.

Registration—Space is limited!

Contact Conference Coordinator Pam LeHota at plehota@salimetrics.com or by phone at 800.790.2258 ext. 227. Pam will handle registration, payment, directions and general assistance.

Given the hands-on nature of the laboratory activities, workshops are limited to a maximum of 6 attendees. Advanced registration is required. There is a two-week cancellation policy.