

Meeting you at the intersection of behavior and biology

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Who are we?

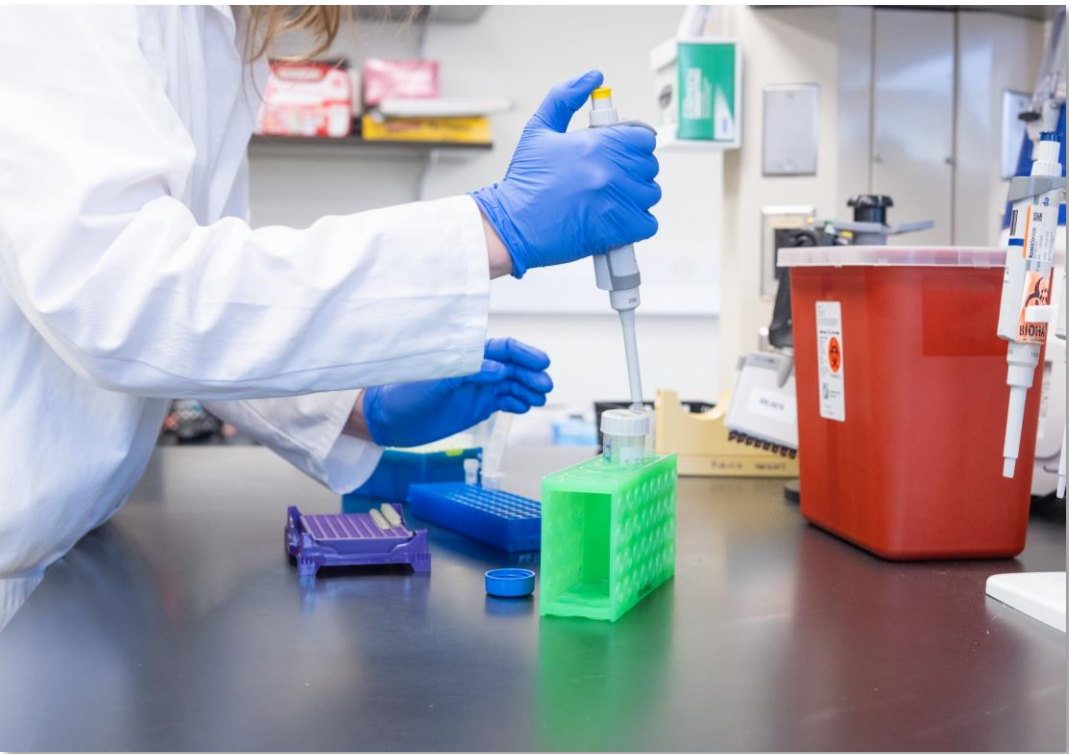
Since 2019, the Biobehavioral Research Laboratory has provided UConn faculty and students with new avenues to explore symptom science, using state-of-the-art technology to further their understanding of the intersections of biology and behavior. We are committed to supporting and promoting faculty and students' research in the use of biobehavioral measures and physiological, genetic, and genomic approaches.



Quantitative sensory testing assessment in Arjona Building

Behavioral Laboratory Space

We provide clean, private rooms for human subjects research. This space accommodates biospecimen collection, interviews, surveys, physical examination, intervention administration, focus groups, pain sensitivity assessment, and short-term sample storage (4°C and -20°C).



Prepping samples for genotyping in Beach Hall

Wet Laboratory Space

Our wet lab can accommodate both human and animal sample processing and storage. Our services include anything from blood components separation and DNA extraction to SNP genotyping and enzyme-linked immunosorbent assays to quantify protein and hormone concentration. We also provide sample storage space in our -80°C and -20°C freezers and liquid nitrogen tank.

Biobehavioral laboratory services	Cost range
Biospecimen collection and kits <ul style="list-style-type: none">Blood draw, blood spot, passive drool/swab, hair, and nail	\$7 – 25/participant
Quantitative Sensory Testing (QST) use <ul style="list-style-type: none">Pain sensitivity assessment of temperature, vibration, and pressure	\$20 – 45/30 min
REDCAP and Qualtrics project set-up and consultation	\$46.50/hour
Sample pre-processing <ul style="list-style-type: none">Aliquoting, blood components separation	\$3 – 5/sample
DNA and RNA extraction and quantification <ul style="list-style-type: none">Blood components, saliva, fecal, tissueBiospectrometer and Qubit	\$5 – 18/sample
Cortisol extraction (hair or nails)	\$31.45/sample
SNP genotyping (TaqMan existing assays)	\$64.57/plate (48 samples)
Enzyme-linked immunoassay (ELISA) <ul style="list-style-type: none">Cytokines, hormones, antibodies	\$67 – 152/plate (38 – 40 samples)
Equipment use (PCR, StepOnePlus qPCR, gel electrophoresis, bead beater, Qiagube, VersaMax, Ella, centrifuge, incubator)	\$2 – 70/hour



Processing samples for cortisol extraction

Don't see what you need? We offer validations!

We strive to provide quality results to all our collaborators and continue to improve and expand our services often. We've recently added hair and nail cortisol extractions, and dried blood spot extractions to our extensive list of services. If you are looking for a specific analysis, please reach out to let us know and we will do our best to serve you!



We offer free quotes and consultations!
Contact us today!

