UC Irvine 趙 Chao Family Comprehensive Cancer Center

Biobehavioral Shared Resource

Michael A. Hoyt, PhD

2026 Scientific Retreat

November 5, 2026

Mission & Leadership

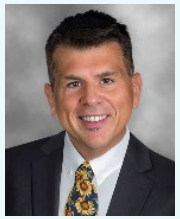
MISSION

To support cancer center members and cancer researchers with expertise and services in planning, conducting, and disseminating translational biobehavioral research

To fulfill this mission, **BBSR**:

- Assists in the conduct and communication of high quality biobehavioral research
- Provides consultation on behavioral and/or quality-of-life patient-reported outcome measures, research design, data collection, interpretation of self-report data, manuscript preparation, and behavioral interventions
- Participates in translational research in psychoneuroimmunology and examination of behavioral issues that enhance recruitment and development of behavioral and quality-of-life outcomes
- Offers expertise on instrument selection and development, as well as consideration for data collection assessment intervals and strategies to obtain valid and reliable data

LEADERSHIP



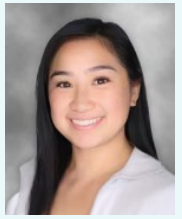
Michael A. Hoyt, PhD

Director



Michelle Fortier, PhD

Assistant Director



Karen Llave, PhD

Manager

Core Services

Pre-Award Consultation
- Letters of Support
- Budget Information for BBSR services
- Service and Scope of Work Estimates

Participant Recruitment and Retention
- Facilitate recruitment and retention strategies
- Perform eligibility screening and consent study participants
- Utilize consent to contact procedures
- Helping assure equity in recruitment and sampling
- Inform tailored promotional and other study materials

Cancer Center Liaison
- Navigation of DOTs
- Liaison to Stern Center
- State Registry
- Tumor Registry

Patient Reported Outcomes and Measures
- Psychometric/Cultural validity in measurement
- Translate study materials
- Support field testing of study materials for cultural and linguistic relevance
- Computer Adaptive Testing & Psychophysiology

Data Collection and Management
- Conduct and transcribe focus groups, interviews, qualitative measurement
- Facilitate Qualitative Analyses
- RedCap/Qualtrics
- Data Sharing
- EMR Data Extraction

Biosample Collection
- Advisement on biomarkers in behavioral studies
- Collect bio-fluid specimens

Intervention Design and Implementation
- Assist with best practices for behavioral intervention development and testing
- Manage protocol review & approval
- Identify data to be captured and coordinate study activities (e.g., fidelity, acceptability, tolerability)
- Support the development of intervention tools and materials
- Intervention delivery

Training and Education
- Biobehavioral Research
- BBSR Services
- Biobehavioral Intervention Development and Trial Design
- Qualitative Research Methods

Scientific Highlights



Qualitative Interviews

Lung cancer screening intervention evaluation

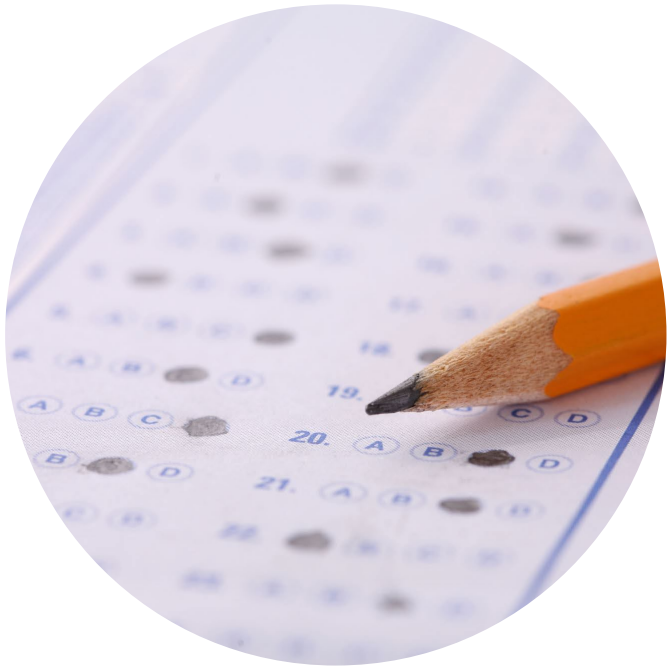
Financial counseling intervention evaluation



Biobehavioral Assessments

Actigraphy data collection

Sleep quality analysis



Patient Reported-Outcomes

Instrument selection

REDCap buildout

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Questions? Contact us!

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