

ALLISON BRACKLEY, PHD

Extensive IND-enabling scientific and drug development experience
Motivated by goal-oriented collaborations in a team environment
Technical and lay communicator of pharmacology and drug safety

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CAREER HIGHLIGHTS

- Designed and led an innovative preclinical study that resulted in patented pharmaceutical IP as 50% co-inventor.
"Compositions and methods for preventing, reducing and reversing opioid-induced respiratory depression."

Click for details:   

- 13 research awards, from National Research Service Awards to scientific publication highlighted author.

Nationally ranked 1st of 917 scientific preclinical and clinical fellowship applications (top 0.11%; 20-21').



PROFESSIONAL EXPERIENCE

BIOMARKER-DRIVEN DRUG DEVELOPMENT

R&D SCIENTIST

Scientific acumen, innovation, understanding of rules/IP/legal/regulatory matters.

University of Texas Health at San Antonio

2011 - Present

- Build necessary capabilities, and leverage and secure external resources necessary to plan, budget, manage, and lead all aspects of preclinical drug development or nonclinical applied pharmacology, drug safety, and physiology studies as Principal Investigator for NIH and American Heart Association grants and awards totaling \$709,045.
 - Design, oversee, safely conduct, analyze, interpret, and submit project reports that validate preclinical R&D and a new animal model - now available for clinical trials & commercialization benefiting employer (60% royalties and license payments).
- Contribute as team member to generation of data for the funding and/or execution of research projects totaling \$6,335,872 in addition to external collaboration on a project supported by U.S. Army Military Operational Medicine Research Program and Clinical Rehabilitative Medicine Research Program.
- Provide timely scientific report and publication updates, as evidenced by 10 published peer-reviewed scientific manuscripts and 44 scientific meeting abstracts that demonstrated a comprehensive understanding of the interplay between pharmacology, drug safety, and metabolism across multiple therapeutic areas including inflammatory pain, like rheumatoid arthritis, sleep apnea, drug overdose, prescription misuse, and diabetes.

SUPPORT SCIENTIST

Enthusiastic, collaborative, detail- and goal-oriented, critical thinking.

University of Texas Health at San Antonio

2009-2010

- Developed an understanding of scientific research and technical skills that include lab equipment and software knowledge, data collection and entry, troubleshooting, and literature review to support 2 senior-level graduate students.

FREELANCE EXPERIENCE

COMMUNICATION

Easy-to-understand, scientific liaison, simplifying results into big picture concepts.

- Referral pharmaceutical strategic consulting that provided expert review/advice/forecasting (Tableau) to determine success prospects for *pro bono* cases for multi-million dollar product liability lawsuits; *JD audience*.
- Honorarium lecture for CME prescription use and misuse ethics for area's largest health system; *MD audience*.
- NIH-invited/sponsored travel research presentation; *Scientific audience*.
- International invited/sponsored R&D presentation; *Pharma/R&D audience*.
- Invited presentation for Health & Human Services Commission Prescription regional summit; *Public audience*.
- Opinion piece on opioid epidemic; *Lay audience*. *Earned invitation to write for "Scientific American" - not pursued.
- Non-science just-for-fun project; *Illustration/imagery*.

EDUCATION

UNIVERSITY OF TEXAS HEALTH AT SAN ANTONIO, SCHOOL OF BIOMEDICAL SCIENCES

PhD in Pharmacology | Neuroscience Emphasis

Graduated cum laude 2017

TEXAS WOMAN'S UNIVERSITY, COLLEGES OF ARTS & SCIENCES AND HEALTH SCIENCES

BS in Biochemistry | BS in Nutrition | Minor in General Sciences

Graduated magna cum laude 2010