
ANVI BHAKTA, MSc

EDUCATION

Northern Arizona University, Flagstaff, AZ Aug 2021- May 2023
Department of Health Sciences
Master's of Public Health, Nutrition

Uppsala University, Uppsala, Sweden Aug 2017- June 2019
Department of Immunology, Genetics, & Pathology
Master's of Science, Molecular Medicine
- Swedish-American Chamber of Commerce in New York Scholarship

University of Arizona, Tucson, AZ Aug 2013- May 2017
College of Science, Honors College
Bachelors of Science, Molecular & Cellular Biology
- Dean's List with Distinction

WORK EXPERIENCE

Southwest Behavioral & Health Services, Phoenix, AZ Jan 2020 – Present
Project Coordinator; State Opioid Response Grant

- Delivered trainings to 500+ community members focused on overdose prevention, medication assisted treatment (MAT), stigma, and health equity as related to substance use
- Spearheaded cross-sector collaboration to strengthen overdose prevention and MAT navigation efforts in South Phoenix and Glendale
- Developed and assessed quantitative surveys and focus groups on substance use prevention
- Led 10+ outreaches to provide Naloxone and supporting materials to community members and unsheltered resources centers
- Designed and disseminated trauma informed educational and informational materials on substance use prevention
- Created a “Resilient Youth Ambassador” curriculum for middle school students focused on social and emotional learning, resiliency, and collective youth empowerment for school districts
- Collaboratively established a trauma informed care (TIC) workgroup within Southwest Behavioral & Health which designs trainings focused on implementing TIC practices
- Coordinated partnership with Arizona Probation Education Services to develop and deliver an adverse childhood experiences and trauma informed care curriculum to all incoming adult and juvenile probation officers

Netherlands Cancer Institute, Amsterdam, Netherlands Nov 2018 – Sept 2019
Principal Investigator: Dr. Christian Blank, Ph.D/M.D
Research Assistant

- Elucidated the role of melanoma tumor secreted DKK2 in cytotoxic t-cell and natural killer cell suppression
- Investigated the role of lactic acid secretion on cytotoxic t-cell function
- Utilized quantitative data from protein, RNA, and DNA analysis to obtain results and presented weekly data updates

RESEARCH EXPERIENCE

Uppsala University, Uppsala, Sweden

Nov 2017-Jan 2018

Postdoctoral Supervisor: Ananya Roy

Student Intern

- Investigated the role of SERPINB3 in mast cell infiltrated brain metastasis
- Investigated the effect of SERPINB3 on RNA and protein expression of EMT, stem cell, and proliferative markers that impact brain metastasis

University of Arizona, Tucson, AZ

Jan 2015- May 2017

Principal Investigator: Dr. Catharine Smith, Ph.D.

Undergraduate Research Assistant

- Assessed the induction of apoptosis with histone deacetylase inhibitors (HDACi) and microtubule targeting agents (MTA) on diffuse large b-cell lymphoma (DLBCL) cell lines
- Analyzed the effects of HDACi and MTA on pro and anti-apoptotic protein expression levels and ploidy in DLBCL cell lines

PUBLICATIONS

Havas A, Rodrigues K, **Bhakta A**, Demirjian J, Hahn S, Tran J, Scavello M, Tula Sanchez, A, Zeng Y, Schmelz M, Smith C. *Belinostat and vincristine demonstrate mutually synergistic cytotoxicity associated with mitotic arrest and inhibition of polyploidy in a preclinical model of aggressive diffuse large B cell lymphoma*. *Cancer Biology and Therapy*. 2016; 12: 1240-52. doi: 10.1080/15384047.2016.1250046.

PROFESSIONAL LEADERSHIP

University of Arizona Alternative Winter Break Program, New Orleans, LA

Jan 2017

Site Leader

- Led and organized a service project for 13 participants with a focus on homelessness and poverty in New Orleans, LA
- Coordinated with three nonprofit organizations for volunteer opportunities
- Secured housing and meal plans for participants
- Facilitated discussions addressing mutual aid, cultural competency, privilege, and active citizenship

Project Rural India Social Health Improvement, Tucson, AZ

Apr 2015 – May 2017

Director of Initiatives

- Co-founded chapter at University of Arizona and recruited 20 members
- Led a health-needs assessment project within a rural village in India
- Developed educational workshops to promote water quality and healthcare practices for rural villages in Gujarat, India