

Monideepa B. Becerra, DrPH, MPH, CHES®

Professor

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Education

- **Doctor of Public Health (DrPH)**, 2014.
Department of Health Promotion and Education, School of Public Health, Loma Linda University.
- **Master of Public Health (MPH)**, 2011.
Department of Health Policy and Administration, School of Public Health, Loma Linda University.
- **Bachelor of Sciences (B.S.)**, 2008.
Department of Botany and Plant Sciences, University of California, Riverside.

Certificates

- Cornell X TLDC101x Teaching & Learning in the Diverse Classroom, 2021.
- The HIV Care Continuum: Risk Reduction and Care for Persons Living with HIV (PLWHIV), Region V Public Health Training Center, 2019.
- How to Maintain Your CHES or MCHES Certification, Region V Public Health Training Center, 2019.
- LGBTQ Health, Harvard Medical School, Global Academy, 2018.
- Biomedical Research Investigators and Key Personnel, Collaborative Institutional Training Initiative, 2017.
- Certified Freedom from Smoking Facilitator, American Lung Association, 2017.
- Certified Health Education Specialist (CHES), National Commission for Health Education Credentialing, Inc., 2016.
- Health Geoinformatics, School of Public Health, Loma Linda University, 2016.
- Postpartum Care, USAID Global Health eLearning Center, 2013.
- Computer Applications, Regional Occupational Program, Orange County, 1999.

Current Position

- **Professor**, 09.2019-Present.
Department of Health Science and Human Ecology.
California State University, San Bernardino.
Courses taught (*re-designed course, **new course):
 - HSCI 3200: Foundations of Public Health Education, undergraduate **
 - HSCI 3206: Public Health Law and Ethics, undergraduate**
 - HSCI 4203: Public Health Program Planning and Implementation, undergraduate**
 - HSCI 4209: Complementary and Alternative Medicine, undergraduate **
 - HSCI 271: Introduction to Public Health, undergraduate**
 - HSCI 342: Nutrition for You (Public health nutrition course), undergraduate*

- HSCI 364: Drug and Alcohol Use and Abuse, undergraduate**
- HSCI 367: Human Disease Mechanism, undergraduate
- HSCI 455: Health Policy and Law, undergraduate*
- HSCI 595: Independent Study, undergraduate and graduate (individualized supervision)
- HSCI 607: Cross Cultural Aspects of Health, graduate
- HSCI 612: Public Health Statistics, graduate
- HSCI 699: Thesis, graduate (individualized supervision)

Former Positions

- **Associate Professor**, 09.2017-08.2019.
Department of Health Science and Human Ecology.
California State University, San Bernardino.
Courses taught (*re-designed course, **new course):
 - HSCI 315: Statistics for Health Sciences, undergraduate*
 - HSCI 359: Global Health, undergraduate*
 - HSCI 367: Human Disease Mechanism, undergraduate*
 - HSCI 399: Community Service Project, undergraduate (individualized supervision)
 - HSCI 451: Principles of Epidemiology, undergraduate*
 - HSCI 455: Health Policy and Law, undergraduate
 - HSCI 468: Health Research Methods, undergraduate
 - HSCI 499: Directed Reading, undergraduate (individualized supervision)
 - HSCI 595: Independent Study, undergraduate and graduate (individualized supervision)
 - HSCI 607: Cross Cultural Aspects of Health, graduate**
 - HSCI 611: Public Health System Organization and Delivery, graduate
 - HSCI 612: Public Health Statistics, graduate*
 - HSCI 613: Health Behavior, graduate
 - HSCI 617: Epidemiology, graduate*
 - HSCI 689: Field Experience, graduate (individualized supervision)
 - HSCI 699: Thesis, graduate (individualized supervision)
- **Research Consultant**, 08.2014-04.2017.
William S. Middleton Memorial Veterans Hospital, Madison, WI.
 - Collaborated with team to work on research papers focus on secondary infections.
- **Assistant Professor**, 09.2014-08.2017.
Department of Health Science and Human Ecology.
California State University, San Bernardino.
Courses taught (*re-designed course, **new course):
 - HSCI 315: Statistics for Health Sciences, undergraduate*
 - HSCI 399: Community Service Project, undergraduate (individualized supervision)
 - HSCI 451: Principles of Epidemiology, undergraduate*
 - HSCI 455: Health Policy and Law, undergraduate

- HSCI 499: Directed Reading, undergraduate (individualized supervision)
- HSCI 513: Managed Care Systems, undergraduate and graduate*
- HSCI 608: Health Research Methods, graduate
- HSCI 611: Public Health System Organization and Delivery, graduate*
- HSCI 612: Public Health Statistics, graduate
- HSCI 613: Health Behavior, graduate**
- HSCI 617: Epidemiology, graduate
- HSCI 670: Directed Reading, graduate (individualized supervision)
- HSCI 689: Field Experience, graduate (individualized supervision)
- **Veterans Administration Fellow**, 06.2014-08.2015.
Hispanic Serving Health Professions Schools (HSHPS), William S. Middleton Memorial Veterans Hospital, Madison, WI.
Project title: Hospital characteristics associated with patient outcomes.
 - Attend HSHPS orientation session in Washington, D.C.
 - Participate in HSHPS sponsored weekly workshops and seminars.
 - Utilize inpatient data to conduct analysis of patient and hospital outcomes among kidney transplant patients with hospital-acquired infections.
 - Utilize inpatient data to assess the burden of pneumonia and clostridium difficile on patient/hospital outcomes.
 - Conduct systematic literature review to evaluate the efficacy of cost display on prescribing practices.
- **Adjunct Professor**, 09.2013-06.2014.
Department of Health Science and Human Ecology.
California State University, San Bernardino.
Courses taught (*re-designed course, **new course):
 - HSCI 342: Nutrition for You (Public health nutrition course), undergraduate**
 - HSCI 359: Global Health, undergraduate**
 - HSCI 451: Principles of Epidemiology, undergraduate**
 - HSCI 455: Health Policy and Law, undergraduate**
 - HSCI 608: Health Research Methods, graduate**
 - HSCI 617: Epidemiology, graduate**
- **Population Health Data Analyst**, 01.2013-12.2013.
Loma Linda University Health.
 - Aid in writing grants including Center for Medicare and Medicaid Services.
 - Evaluate the current policies related to non-profit healthcare organization mandate of community health needs assessment (CHNA) under the Patient Protection and Affordable Care Act of 2010.
 - Strategize and collaborate with County Public Health Departments and hospitals to create a system of collecting community health indicators and reporting to ensure consistency and compliance with legislation for 23 non-profit hospitals across the nation.

- Collect quantitative and qualitative data from local, state, and national databases, conduct analyses, and strategically identify areas of priority health needs, targeted interventions, and community improvement plans for each hospital entity.
- Represent Loma Linda University Health in serving as a key strategic partner in community health prioritizing of Simi Valley Hospital.
- Serve as consultant for Loma Linda University Medical Center's Medical Director and community members to: (1) implement a substance abuse prevention and 12-step program (using the Matrix Model) at local homeless shelter for at-risk youth and (2) strategize mission, survey development, and overall objectives of task force to improve physical activity levels at local schools (including incorporation of system-wide Jammin' Minute®).
- Write and submit institutional review board approval forms.
- Ensure ethical compliance.
- **Graduate Research Assistant, 01.2012-09.2013.**
School of Public Health, Loma Linda University.
Project 1 title: The Role of Lifestyle Behaviors on Telomere Length.
 - Evaluate the nature of aging using telomere length and further assess critical health endpoints utilizing molecular epidemiology.
 - Conduct molecular biology techniques, such as DNA isolation from human blood, quantitative polymerase chain reaction (qPCR), and enzymatic assays.
 - Train summer intern in various laboratory techniques.**Project 2 title:** Association between Vitamin C intake and Cataract.
 - Analyze the association between vitamin C and cataract incidence utilizing the Adventist Health Study 2 cohort study.
 - Present findings at 2012 Health People (HP 2012) conference.
 - Received best overall poster award at Healthy People 2012 conference.**Project 3 title:** Project ENRRICH: Community-Based Participatory Research for Asthma among low-income Hispanic population in Inland Empire.
 - Analyze the association between vitamin C and cataract incidence utilizing the Adventist Health Study 2 cohort study.
 - Address the asthma-related health and healthcare needs of low-income Hispanic population in Inland Southern California.
 - Collaborate with community-based organizations (CBOs) to effectively engage Hispanic population in community-based participatory research.
 - Develop and implement survey instruments to pilot test program.
 - Conduct key informant and focus group interviews with Public Health Department, key stakeholders from community, and healthcare professionals.
 - Establish program evaluation plans and conduct assessment through pre-post testing using statistical software.
 - Train interns in qualitative and quantitative data analysis.
 - Develop culturally appropriate asthma education program for parents with asthmatic children and train community health workers, Promotores de Salud, to implement program in community.
 - Incorporate techniques to maximize health literacy (e.g. Flesch-Kincaid readability level) in order to create brochures, pamphlets, handbooks, and other educational

materials for parents, community members, teachers, and promoters to disseminate asthma information.

- Present results at local, state, and national conferences.
- **Graduate Teaching Assistant**, 03.2011-12.2012.
Department of Health Policy and Management.
School of Public Health, Loma Linda University.
 - Help teach and grade graduate course in healthcare finance/economics.
 - Conduct discussion sessions on assignments, lecture concepts, term papers.
 - Hold weekly office hours to ensure student questions area answered.
 - Create study modules for midterm, final, and project preparations.
- **Teaching Coordinator**, 06.2007-06.2008.
Copernicus Project. University of California, Riverside.
 - Create innovative projects for high school and community college students to gain experience in techniques used in biological sciences, forensics, biotechnology, and biomedical sciences.
 - Hold informational session on college application and importance of STEM.
- **Teaching Apprentice**, 09.2007-02.2008.
California Math and Science Teacher Initiative. University of California, Riverside.
 - Work in collaboration with Biology teacher at local high school to conduct classroom sessions teaching high school junior and senior students various biological concepts and introduction to novel research tools.
 - Work with students in both one-on-one and group settings on homework assignments.
 - Mentor students in college selection and application process.
- **Research Assistant**, 01.2003-08.2008.
College of Natural and Agricultural Sciences, University of California, Riverside.
Project titles: Carboxyhemoglobin assessment among ApoB100 positive mice exposed to first- and second-hand cigarette smoke, Reproductive development in plant and insect model systems.
 - Conduct research under Tobacco-Related Disease Research Program-funded and National Science Foundation-funded projects using biological systems such as: chicken (*Gallus gallus domesticus*), mouse (*Mus musculus*), and rat (*Rattus norvegicus*)
 - Screen transgenic mice using immunolocalization techniques and conduct carboxyhemoglobin tests to identify the effects of first- and second-hand cigarette smoke on the blood level of carbon monoxide.
 - Utilize cell biology techniques including cloning ring assays, chick embryo cell isolation, human endothelial and fibroblast cell culture, etc. to assess cell viability upon first and second hand smoke exposure.
 - Conduct research utilizing model systems of *Arabidopsis thaliana*, *Gryllus vocalis*, *Teleogryllus oceanicus*, and *Teleogryllus commodus*.
 - Perform literature search to implement additional research projects including evolutionary biology, cell biology, and plant molecular biology.
 - Projects included the following components:

- Result dissemination through several presentations and publications.
- Train students in various laboratory techniques.
- Write, apply, and secure three grants for further research projects.
- **Conversation Partner and Coordinator**, 01.2003-08.2005.
University of California, Riverside.
 - Work with international students on gaining skills in English speaking and pass competency exam.
 - Received Outstanding Conversation Partner Award in 2005 and promoted to Conversation Partner Coordinator.
 - As coordinator, tasks included scheduling conversation partners with international students, managing partner schedules, and strategic function of the program, including conflict management.

Research Interests and Skills

Interests

- Primary: Social and clinical epidemiology.
- Secondary: Scholarship of Teaching and Learning.

Skills

- Adobe: *Acrobat Professional, PhotoShop, Illustrator, InDesign, Publisher, Captivate.*
- Bioinformatics: *BLAST, Vector NTI.*
- Data management/survey development: *FileMaker Pro, Qualtrics, Survey Monkey.*
- E-learning software: *Camtasia, Soft Chalk, TechSmith Relay, Snagit.*
- Geographic Information System (GIS) software: *ArcGIS, ESRI Community Analyst.*
- Literature review software and reference management: *Review Manager, Zotero, Endnote.*
- Literature searches engines: *PubMed, Cochrane Library, EBSCO, EMBASE, PsycINFO, SocIndex, Google Scholar, etc.*
- Microsoft Office: *Word, Excel, PowerPoint, Outlook.*
- Statistical software: *SPSS, SAS, Stata, JMP, G*Power, Epi Info.*
- Qualitative analysis software: *Atlas.ti, NVivo, MaxQDA.*
- Visual analytics: *Goggle Trend Analysis, Google public data explorer.*
- Animal and plant DNA, cell, and tissue culture.
- Bacterial culture and transformation.
- GUS report system development and staining.
- In situ hybridization.
- Immunohistochemistry and gel electrophoresis.
- Molecular cloning and enzymatic assays.
- Polymerase and quantitative polymerase chain reaction (PCR/qPCR).
- Tandem affinity purification.
- Transgenic screenings (animal and plant model systems).
- Yeast-two hybrid screening.

Research Mentorship

Includes: undergraduate honors project, master's thesis, and doctoral dissertation.

For each student, I provided mentorship in proposal development, data collection, analysis, manuscript development, final submission of research manuscript, and submission of grants (when applicable) to obtain research support, and ethical compliance. For honors independent study projects, I ensured compliance for students to receive departmental honors. Unless otherwise stated, I served as the **primary supervisor** and/or **committee chair** for all students. All students noted are CSUSB mentees, unless otherwise noted.

Student	Project	Status
1. Marwa Ahmad	<ul style="list-style-type: none"> a. Efficacy of competency-based program development. b. Thesis: Sexual literacy among college students. c. Stealthing content analysis. 	<ul style="list-style-type: none"> a. Poster presentation at Lilly Conference. Manuscript under preparation. b. Thesis defended. Results presented at Meeting of the Minds Conference. Peer-review publication at International Journal of Environmental Health Research and Public Health. c. Project under preparation.
2. Taylor Alexander	Honors project: Gender differences in intimate partner abuse.	Received departmental honors. Poster presentation at Meeting of the Minds Annual Conference. Peer-review publication at Journal of Student Research.
3. Nick Allen	<ul style="list-style-type: none"> a. Serious psychological distress among African Americans. b. Food insecurity among diabetic patients. 	<ul style="list-style-type: none"> a. Peer-review publication at Ethnicity and Health. b. Peer-review publication at Journal of Diabetes and its Complications.
4. Carolina Alvarez	Literature review elective project for major on food insecurity.	Completed elective.
5. Devin Arias	<ul style="list-style-type: none"> a. Asthma mental health comorbidity. b. Health literacy among Hispanics. c. Dietary practices of Asian Americans. d. Determinants of self-esteem among college students. 	<ul style="list-style-type: none"> a. Peer-review publication at Journal of Asthma. b. Peer-review publication at Journal of Racial Ethnic Health Disparities. c. Poster presentation at Southern California Public Health Association (won best student poster award). Peer-review publication at Journal of Racial Ethnic Health Disparities. d. Manuscript under review.

6. Aleka Arrendondo	Thesis: Gender specific body image perception.	Thesis defended. Manuscript under preparation. Results presented at Meeting of the Minds Conference.
7. Selam Ayalew	Honors project: Food insecurity among college students.	Received departmental honors. Manuscript under preparation.
8. Melissa Avila, HSHPS fellow	Suicidal ideation and social media.	Oral presentation at HSHPS closing symposium.
9. Robert Avina	<ul style="list-style-type: none"> a. HIV prevention barriers among young adults. b. Association between HIV and HAIs. c. HPV literacy among Asian-Americans. d. Sleep health among Veterans. e. Food insecurity and prescription delay. f. MSM HIV barriers. 	<ul style="list-style-type: none"> a. Peer-reviewed publication at Diseases. Poster presentation at American College Health Association. b. Peer-reviewed publication at Journal of Prevention and Treatment of HIV. Oral presentation at American Public Health Association Annual Conference. Poster presentation New England Science Symposium. Poster Pacific Aids Education & Training Center Program. c. Peer-reviewed publication at Journal of Racial and Ethnic Health Disparities. d. Peer-reviewed publication at Preventing Chronic Disease. e. Peer-reviewed. Publication at Journal of Asthma. f. Manuscript under preparation.
10. Monica Barsoum, KGI master's student	Masters project: CAM use among minority populations	Project development.
11. Yessenia Barragan	Honors project: Evaluation of acne-related medications and their side effects.	Received departmental honors.
12. Brittny Bol	<ul style="list-style-type: none"> a. Honors project: Diabetes literacy among South Asians. b. Sleep apnea and academic performance. 	<ul style="list-style-type: none"> a. Received departmental honors. Oral presentation at CSUSB Summer Research Symposium. Poster presentation at Meeting of the Minds Annual Conference. Poster presentation at American Public Health Association Annual Conference.

		<p>Manuscript under review for peer-review publication.</p> <p>b. Poster presentation at Southern California Public Health Association. Poster presentation at American College Health Association Annual Conference. Peer-review publication at Journal of American College Health.</p>
13. Elena Chai, Loma Linda University. <i>I served as committee member.</i>	Doctoral dissertation: Asthma and dietary practices.	Dissertation successfully defended 5-12-2018.
14. Leah Chai, APIC mentee	Self-esteem among young adults.	Manuscript under review.
15. Valentina Chawdhury	Thesis: Food insecurity among South Asians.	Thesis defended. Results presented at Meeting of the Minds Conference. Peer-reviewed publication at Journal of Primary Health Care and General Practice.
16. Julian Corral	Nutrition literacy of college students.	Manuscript development.
17. Karina Corral	<p>a. Nutrition literacy of college students.</p> <p>b. Endocrine literacy.</p> <p>c. Association between HIV and HAIs.</p>	<p>a. Manuscript development.</p> <p>b. Data analysis.</p> <p>c. Poster presentation at Pacific Aids Education & Training Center Program. Peer-reviewed publication at Journal of Prevention and Treatment of HIV.</p>
18. Farhan Danish	Thesis: Food insecurity among South Asians.	Thesis defended. Manuscript under preparation. Results presented at Meeting of the Minds Conference.
19. James Ekholdt	Honors project: LGBT health disparities and barriers to care.	Received departmental honors. Data collection for second phase.
20. Isela Fernandez	Honors project: Nutrition literacy of college students.	Received departmental honors.
21. Yasmine Franco	Honors project: Mental health and sleep deprivation.	Received departmental honors.

22. RaeChelle Gabriel	Thesis: Sexual health.	Project development.
23. Kiran Gill	Book chapter on cardiovascular disease.	Peer-review book chapter in Health of South Asians in the United States.
24. Rochelle Granados	Honors project: Sleep apnea and mental health.	Oral presentation at CSUSB Summer Research Symposium. Peer-review publication at Journal of American College Health.
25. Andrea Pineda-Gutierrez	Thesis: CAM use among Latino students.	Data analysis.
26. Megan Gutierrez	Literature review elective project for major intimate partner violence policies.	Elective completed.
27. Dayanna Hernandez	Honors project: Sexual health literacy.	Received departmental honors. Poster presentation at American College Health Association. Peer-review publication at International Journal of Environmental Health Research and Public Health.
28. Stephen Hernandez	Development of data entry skills.	Completed 100 data entry.
29. Tarah Hernandez	Food security and sleep health.	Oral presentation at CSUSB Summer Research Symposium.
30. Tamika Hicks	Honors project: 5150 emergency department holds.	Received departmental honors. Poster presentation at Meeting of the Minds Annual Conference.
31. Maylen Jackson	a. Honors project: Sleep health among Veterans. b. Food insecurity and prescription delay.	a. Received departmental honors. Poster presentation at Meeting of the Minds Annual Conference. Peer-reviewed publication at Preventing Chronic Disease. b. Peer-review publication at Journal of Asthma.
32. Heather Kakish	Honors project: Social media perception of body image.	Received departmental honors. Poster presentation at Meeting of the Minds Annual Conference. Peer-review publication at Open Access Journal of Public Health.
33. Lan Lee	Honors project: Sexual health literacy survey development.	Received departmental honors.

34. Abigail Lopez	<p>a. Honors project: Maternal depression and postpartum outcomes.</p> <p>b. Gender-based self-esteem differences among college students.</p>	<p>a. Received departmental honors. Poster presentation at Meeting of the Minds Annual Conference. Peer-review publication at International Journal of Environmental Health Research and Public Health.</p> <p>b. Manuscript development for peer-review publication.</p>
35. Cindy Mahoney	<p>a. HIV co-infections.</p> <p>b. Thesis: Self-esteem and discrimination relation to mental health among college students.</p>	<p>a. Oral presented at American Public Health Association Annual Conference. Poster New England Science Symposium.</p> <p>b. Thesis defended. Manuscript under preparation. Results presented at Meeting of the Minds Conference.</p>
36. Connie Marmolejo	<p>a. Mental health and discrimination.</p> <p>b. Sleep health among Veterans.</p>	<p>a. Oral presentation at CSUSB Annual Research. Peer-review publication at Women's Health and Gynecology. Oral presentation at Meeting of the Minds Annual Conference.</p> <p>b. Peer-review publication at Preventing Chronic Disease.</p>
37. Katie Maxie	<p>Honors project: Information literacy in public health.</p>	<p>Received departmental honors. Manuscript under preparation.</p>
38. Champagne Moore	<p>a. Honors project: Social media analysis of e-cig use.</p> <p>b. Thesis: Factors related to veterans' suicidal behavior.</p>	<p>a. Received departmental honors.</p> <p>b. Thesis completed.</p>
39. Mathew Mullen	<p>HIV literacy among college students.</p>	<p>Poster presentation at American College Health Association Conference. Peer reviewed publication at Diseases.</p>
<p>40. Hoa Nguyen, Loma Linda University <i>I served as committee member.</i></p>	<p>Doctoral Dissertation: Dietary practices among Asian American children.</p>	<p>Defended and passed.</p>
41. Soham Rege, HSHPS fellow	<p>Hospital acquired infection among children.</p>	<p>Oral presentation at HSHPS closing symposium.</p>

42. Alexa Reyes	a. Food insecurity and mental health. b. Assessment of emerging infectious diseases using real time data.	a. Peer-review publication at Preventing Chronic Disease. b. Peer-review publication at Journal of Student Research. Poster presentation at Meeting of the Minds.
43. Evangel Sarwar	a. Dietary practices of Asian Americans. b. Diabetes literacy among South Asians. c. Food insecurity among South Asians.	a. Poster presentation at Southern California Public Health Association (won best student poster award). Peer review publication at Journal of Racial Ethnic Health Disparities. b. Data analysis. c. Project preparation.
44. Christy Scroggins	Asthma and obesity among Asian Americans.	Peer-review publication at Preventing Chronic Disease.
45. Reacheal Sis-Medina	Food insecurity and mental health.	Peer-review publication at Preventing Chronic Disease
46. Rebekah Trules	Farmers' market utilization among city employees	Manuscript development.

Peer-Reviewed Publications

1. **Becerra M.B.**, Rodriguez E.J., Avina R.M. & Becerra B.J. (2021). *Experiences of violence and mental health outcomes among Asian American transgender adults in the United States*. PLOS ONE. 2021 Mar 4;16(3):e0247812. DOI: 10.1371/journal.pone.0247812
2. Mshigeni S.K., Okolo S., Mshigeni D., & **Becerra M. B.** (2020). *What Diversity Means to Undergraduate Health Science Students*. Journal of Higher Education Theory and Practice, 20(6). DOI: 10.33423/jhetp.v20i6.3131
3. **Becerra M.B.**, Arias D., Cha L., & Becerra B.J. (2020). *Self-esteem among college students: The intersectionality of psychological distress, discrimination, and gender*. Accepted for publication at Journal of Public Mental Health. DOI: 10.1108/JPMH-05-2020-0033
4. **Becerra M.B.** & Becerra B.J. (2020). *Psychological Distress among College Students: Role of Food Insecurity as a Social Determinant of Mental Health*. International Journal of Environmental Research and Public Health. 17(11). DOI: 10.3390/ijerph17114118.
5. Reis W.P., Chai E., Gaio J., **Becerra M.B.**, Banta J.E., & Dos Santos H. (2020). *Dietary Factors Associated with Asthma Prevalence Among Children in California*. Pediatric Allergy, Immunology, and Pulmonology. Jun 1;33(2):85–91. DOI: 10.1089/ped.2020.1157
6. Ahmad, M., Becerra, B., Hernandez, D., Okpala, P., Olney, A., & **Becerra, M.B.** (2020). *"You Do It without Their Knowledge." Assessing Knowledge and Perception of Stealthing among College Students*. International Journal of Environmental Research and Public Health, 17(10), 3527. DOI: 10.3390/ijerph17103527
7. **Becerra M.B.**, Avina R.M., Mshigeni S., & Becerra B.J. (2020) *Low human papillomavirus literacy among Asian-American women in California: An analysis of the California Health Interview Survey*. Journal of Racial and Ethnic Health Disparities. Ahead of print. DOI: 10.1007/s40615-020-00698-7.

8. Avina R.M., Mullen M., Mshigeni S., & **Becerra M.B.** (2020) "I Actually Don't Know What HIV Is": A Mixed Methods Analysis of College Students' HIV Literacy. *Diseases*. 8(1):1. DOI: 10.3390/diseases8010001
9. Lopez A., **Becerra M.B.**, & Becerra B.J. (2019). *Maternal Mental Illness is Associated with Adverse Neonate Outcomes: An Analysis of Inpatient Data*. *International Journal of Environmental Research and Public Health*. 16(21). DOI: 10.3390/ijerph16214135
10. **Becerra M.B.**, Avina R.M., Jackson M. & Becerra B.J. (2019). *Role of food insecurity in prescription delay among adults with asthma: Results from the California Health Interview Survey*. *Journal of Asthma*. Ahead of print. DOI: 10.1080/02770903.2019.1676435
11. Chawdhury V. & **Becerra M.B.** (2019). *Health Disparities among South Asians: Is Food Insecurity the Missing Link?* *Journal of Primary Health Care and General Practice*. 2(2):023. <https://scionline.org/open-access/health-disparities-among-south-asians-is-food-insecurity-the-missing-link.pdf>
12. **Becerra M.B.**, Bol B., Granados R. & Hassija C (2018). *Sleepless in School: The Role of Social Determinants of Sleep Health among College Students*. *Journal of American College Health*. Nov 29;0(0):1–7. DOI: 10.1080/07448481.2018.1538148
13. **Becerra M.B.** & Marmolejo C. (2018). *Discrimination Experiences of Female College Students: Implications for Mental Health Outcomes*. *Women's Health and Gynecology*. 4(1): 087. <https://scionline.org/open-access/discrimination-experiences-of-female-college-students-implications-for-mental-health-outcomes.pdf>
14. Avina R.M., Corral K., Becerra B.J. & **Becerra M.B.** (2018). *Burden of Clostridium Difficile and Methicillin-Resistant Staphylococcus Aureus: An Assessment of Nationwide Inpatient Sample*. *Journal of Prevention and Treatment of HIV*. 2(2): 008. <https://scionline.org/open-access/burden-of-clostridium-difficile-and-methicillin-resistant-staphylococcus-aureus-an-assessment-of-nationwide-inpatient-sample.pdf>
15. **Becerra M.B.**, Mshigeni S.K. & Becerra B.J. (2018). *The Overlooked Burden of Food Insecurity among Asian Americans: Results from the California Health Interview Survey*. *International Journal of Environmental Research and Public Health*. (8), 1684. DOI: 10.3390/ijerph15081684
16. Kakish H., Olney A. & **Becerra M.B.** (2018). *A qualitative analysis of body image on social media: Implications for public health practice*. *Open Access Journal of Public Health*. 2(2):011. <https://scionline.org/open-access/a-qualitative-analysis-of-body-image-on-social-media-implications-for-public-health-practice.pdf>
17. **Becerra M.B.**, Okplala P., Fike G. & Becerra B.J. (2018). *Health literacy, English language proficiency and mammogram: An analysis of largest state health survey in the United States*. *Journal of Advances in Breast Cancer Research and Development*. 1(1):001. <https://scionline.org/open-access/health-literacy-english-language-proficiency-and-mammogram-an-analysis-of-largest-state-health-survey-in-the-united-states.pdf>
18. Jackson M., Becerra B.J., Marmolejo C., Avina R., Henley N. & **Becerra M.B.** (2017). *Prevalence and Correlates of Sleep Apnea Among US Male Veterans, 2005-2014*. *Preventing Chronic Disease*. 4:E47. DOI: 10.5888/pcd14.160365
19. Allen N.L., Becerra B.J. & **Becerra M.B.** (2017). *Associations between food insecurity and the severity of psychological distress among African-Americans*. *Ethnicity and Health*. 1-10. DOI: 10.1080/13557858.2017.1280139
20. Becerra B.J., Arias D. & **Becerra M.B.** (2017). *Low Health Literacy among Immigrant Hispanics*. *Journal of Racial and Ethnic Health Disparities*. 4(3):480-483 DOI: 10.1007/s40615-016-0249-5

21. **Becerra M.B.** (2017). *Factors associated with increased healthcare utilization among adults with asthma*. *Journal of Asthma*. 54(4):376-382. DOI: 10.1080/02770903.2016.1218017
22. McKinley L., Valentine, S., Moriarty, H., **Becerra M.**, & Safdar, N. (2016). Perceptions of Healthcare Workers Regarding the Effects of Contact Precautions on Patients. *American Journal of Infection Control*, 44(6), S73. DOI: 10.1016/j.ajic.2016.04.077
23. **Becerra M.B.**, Allen N. & Becerra B.J. (2016). *Food insecurity and low self-efficacy are associated with increased healthcare utilization among adults with Type II diabetes mellitus*. *Diabetes and its Complications*. 30(8):1488-1493. DOI: 10.1016/j.jdiacomp.2016.07.009
24. **Becerra M.B.**, Hassija C. & Becerra B.J. (2016). *Food insecurity is associated with unhealthy dietary practices among U.S. Veterans in California*. *Public Health Nutrition*. 20(14):2569-2576. DOI: 10.1017/S1368980016002147
25. **Becerra M.B.**, Becerra B.J. & Teodorescu M. (2016). *Healthcare burden of obstructive sleep apnea and obesity among asthma hospitalizations: Results from the U.S.-based Nationwide Inpatient Sample*. *Respiratory Medicine*. 1;117:230-236. DOI: 10.1016/j.rmed.2016.06.020
26. **Becerra M.B.**, Shirley D.K. & Safdar N. (2016). *Prevalence, risk factors, and outcomes of idle intravenous catheters: An integrative review*. *American Journal of Infection Control*. 44(10):e167-e172. DOI:10.1016/j.ajic.2016.03.073
27. **Becerra M.B.**, Becerra B.J., Hassija C. & Safdar N. (2016). *Unmet mental healthcare need and suicide ideation among US Veterans*. *American Journal of Preventive Medicine*, 51, 90-94. DOI: 10.1016/j.amepre.2016.01.015
28. Becerra B.J., Sis-Medina R.C., Reyes A. & **Becerra M.B.** (2015). *Association Between Food Insecurity and Serious Psychological Distress Among Hispanic Adults Living in Poverty*. *Preventing Chronic Disease*, 12, E206. DOI: 10.5888/pcd12.150334
29. **Becerra M.B.**, Becerra B.J., & Safdar N. (2015). *A nationwide assessment of asthma-mental health nexus among veterans*. *The Journal of Asthma*, 53(2):164-9. DOI: 10.3109/02770903.2015.1086785
30. **Becerra M.B.** & Becerra B.J. (2015). *Disparities in Age at Diabetes Diagnosis Among Asian Americans: Implications for Early Preventive Measures*. *Preventing Chronic Disease*, 12, E146. DOI: 10.5888/pcd12.150006
31. **Becerra M.B.**, Becerra B.J., Banta J.E. & Safdar N. (2015). *Impact of Clostridium difficile infection among pneumonia and urinary tract infection hospitalizations: an analysis of the Nationwide Inpatient Sample*. *BMC Infectious Diseases*, 15, 254. DOI: 10.1186/s12879-015-0925-9
32. Sarwar E., Arias D., Becerra B.J. & **Becerra M.B.** (2015). *Sociodemographic Correlates of Dietary Practices among Asian-Americans: Results from the California Health Interview Survey*. *Journal of Racial and Ethnic Health Disparities*, 2(4), 494–500. DOI: 10.1007/s40615-015-0097-8
33. **Becerra M.B.**, Becerra B.J., Daus G.P. & Martin L.R. (2015). *Determinants of Low Health Literacy Among Asian-American and Pacific Islanders in California*. *Journal of Racial and Ethnic Health Disparities*, 2(2), 267–273. DOI:10.1007/s40615-015-0092-0
34. Becerra B.J., **Becerra M.B.** & Safdar N. (2015). *A Nationwide Assessment of the Burden of Urinary Tract Infection among Renal Transplant Recipients*. *Journal of Transplantation*, 2015, 854640. DOI: 10.1155/2015/854640

35. Arias D., Becerra B.J. & **Becerra M.B.** (2015). *Racial and ethnic differences in asthma and mental health among US adults: results from the National Survey on Drug Use and Health*. The Journal of Asthma, 52(7), 715–720. DOI: 10.3109/02770903.2015.1005843
36. Becerra B. J. & **Becerra M. B.** (2015). *Association between asthma and serious psychological distress among male veterans compared to civilian counterparts*. Preventive Medicine, 71, 8–11. DOI: 10.1016/j.ypmed.2014.11.029
37. **Becerra M.B.**, Herring P., Marshak H.H. & Banta J.E. (2014). *Generational differences in fast food intake among South-Asian Americans: results from a population-based survey*. Preventing Chronic Disease, 11, E211. DOI: 10.5888/pcd11.140351
38. Becerra B.J., Scroggins C.M. & **Becerra M.B.** (2014). *Association between asthma and obesity among immigrant Asian Americans, California Health Interview Survey, 2001-2011*. Preventing Chronic Disease, 11, E209. DOI: 10.5888/pcd11.140333
39. Becerra B.J., **Becerra M.B.**, Gerdine M.C. & Banta J.E. (2014). *Religion, acculturation, and incarceration: determinants of substance use among Hispanic adults in the United States*. Journal of Environmental and Public Health, 2014. DOI: 10.1155/2014/459596
40. **Becerra M.B.**, Herring P., Marshak H.H. & Banta J.E. (2014). *Social Determinants of Physical Activity Among Adult Asian-Americans: Results from a Population-Based Survey in California*. Journal of Immigrant and Minority Health, 1–9. DOI: 10.1007/s10903-014-0074-z
41. **Becerra M.B.**, Herring P., Marshak, H.H. & Banta J.E. (2013). *Association between Acculturation and Binge Drinking among Asian-Americans: Results from the California Health Interview Survey*. Journal of Addiction, 2013, 248196. DOI: 10.1155/2013/248196

Some articles are published under former last name: Bhattacharya.

42. Kanrar S., **Bhattacharya M.**, Arthur B., Courtier J. & Smith H.M.S. (2008). *Regulatory networks that function to specify flower meristems require the function of homeobox genes PENNYWISE and POUND-FOOLISH in Arabidopsis*. The Plant Journal: For Cell and Molecular Biology, 54(5), 924–937. DOI: 10.1111/j.1365-313X.2008.03458.x
43. Yuan H., Wong L.S., **Bhattacharya M.**, Ma C., Zafarani M., Yao M., ... Martins-Green M. (2007). *The effects of second-hand smoke on biological processes important in atherogenesis*. BMC Cardiovascular Disorders, 7, 1. DOI: 10.1186/1471-2261-7-1

Book Chapters

1. **Becerra M.B.**, Gill N. (2017). *Cardiovascular Disease*. Health of South Asians in the United States. An Evidence-Based Guide for Policy and Program Development. CRC Press.
2. Kodali S., **Becerra M.B.**, Coelho K (2017). *LGBT Health*. Health of South Asians in the United States. An Evidence-Based Guide for Policy and Program Development. CRC Press.

Selected Scholarly Presentations and Abstracts

1. **Becerra M.B.** & Becerra B.J. (2020). *Teaching and Learning during COVID-19*. ITLC Lilly Online Conference. Virtual due to COVID-19 pandemic.
2. **Becerra M.B.** (2020). *Say this, not that: An experimental learning opportunity for public health students on cultural humility*. Poster presentation Hawaii International Conference on Education, Honolulu, HI, USA.

3. Mshigeni S. and **Becerra M.B.** (2019). *Evidence-based tobacco prevention strategies among college students: Implications for research and practice*. Oral presentation at Pacific Coast College Health Association, San Diego, CA, USA.
4. **Becerra M.B.**, Mshigeni S. & Becerra B.J. (2019). *Food insecurity and serious psychological distress among college students*. Oral presentation at Pacific Coast College Health Association, San Diego, CA, USA.
5. Avina R., Mullen M., Mshigeni M. & **Becerra M.B.** (2019). *HIV literacy among college students: A Mixed Methods Analysis*. Poster presentation American College Health Association Annual Conference, Denver, CO, USA.
6. Mohamed M., Hernandez D., Okpala P., Olney A. & **Becerra M.B.** (2019). *College Students' Understanding of Sexual Consent: A Mixed Methods Analysis*. Poster presentation at American College Health Association Annual Conference, Denver, CO, USA.
7. **Becerra M.B.** (2019). *Gender Differences in Self-esteem and Experiences of Discrimination*. Selected presentation at Ninth International Conference on Health, Wellness & Society, UC Berkeley, CA, USA.
8. **Becerra M.B.** & Becerra B.J. (2019). *Episelfie: an assessment of photo voice applied to the classroom*. Selected presentation at Lilly Conference on Evidence-Based Teaching and Learning, Hong Kong.
9. **Becerra M.B.**, Mshigeni S. & Swarwar E. (2018). *Bioethical issues in HIV/AIDS research*. Selected presentation at Joint 14th World Congress on Bioethics and 7th National Bioethics Conference, India.
10. **Becerra M.B.**, Mshigeni S. (2018). *Teaching epidemiology in a flipped class: A quasi-experimental study*. Oral presentation at American Public Health Association, San Diego, CA, USA.
11. Marmolejo C. & **Becerra M.B.** (2018). *Discrimination and mental illness among college students*. Poster presentation at American Public Health Association, San Diego, CA, USA.
12. **Becerra M.B.** (2018). *Is Inclusivity Leaving Some Out? A Case for LGBTQ Curriculum in Public Health*. Poster presentation at Lilly Conference, Traverse City, MI, USA.
13. **Becerra M.B.** (2018). *Suicidal Ideation among U.S. Veterans: Implications for Practice*. Oral presentation at World Congress in Advanced Nursing and Quality in Healthcare, Las Vegas, NV, USA.
14. **Becerra M.B.** (2018). *Food insecurity and low self-efficacy are associated with increased healthcare utilization and among adults with Type II diabetes mellitus*. Accepted for poster presentation at 3rd World Congress on Nutrition and Obesity Prevention, Frankfurt, Germany.
15. **Becerra M.B.** (2018). *Healthcare utilization due to asthma among adults: The role of mental health, obesity, and asthma management self-efficacy*. Accepted for poster presentation at 2nd Global Conference on Nursing and Healthcare, London, UK.
16. **Becerra M.B.** (2018). *Burden of Asthma and Obesity among Asian Americans*. Oral presentation at Obesity Summit 2018. Los Angeles, CA, USA.

17. **Becerra M.B.** (2018). *The association between discrimination and mental health among college students*. Poster presentation at American College Health Association Annual Meeting, Washington D.C., USA.
18. Bol B. & **Becerra M.B.** (2018). *Burden of poor sleep health among college students*. Poster presentation at American College Health Association Annual Meeting, Washington D.C., USA.
19. Avina R., Corral K., Becerra B.J. & **Becerra M.B.** (2018). *Determinants and outcomes of co-infections among HIV Patients: An Analysis of the National Inpatient Sample*. Poster presentation at Pacific AIDS Education and Training Center, Pacific Grove, CA, USA. Best poster winner.
20. Avina R., Mahoney C., Becerra B.J. & **Becerra M.B.** (2018). *Impact of Clostridium difficile and Methicillin-resistant Staphylococcus aureus infections on health resource utilization among HIV patients*. Poster presentation at New England Science Symposium, Harvard Medical School, Office for Diversity Inclusion and Community Partnership, Minority Faculty Development Program, Boston, MA, USA.
21. **Becerra M.B.** (2018). *Critical Information Literacy: An In-Class Quasi-Experiment*. Poster presentation at Lilly Conference, Anaheim, CA, USA.
22. **Becerra M.B.**, Mohamed M. & Olney A. (2018). *Alignment of Cross-Curricular Assessment with Accreditation Criteria*. Poster presentation at Lilly Conference, Anaheim, CA, USA.
23. **Becerra M.B.** & Henley N. (2018). *Active Learning in Biostatistics: Lessons Learned*. Poster presentation at Lilly Conference, Anaheim, CA, USA.
24. Becerra B.J. & **Becerra M.B.** (2018). *Automatic Mass Customization of Summative Exams for Undergraduate Statistics*. Poster presentation at Lilly Conference, Anaheim, CA, USA.
25. Becerra B.J., **Becerra M.B.** & Payne K. (2017). *Making a Case for the Intersection of Complementary Health Practices and Precision Medicine in Leukemia*. Poster presentation at 145th American Public Health Association, Atlanta, GA USA.
26. Avina R., Mahoney C., Becerra B.J. & **Becerra M.B.** (2017). *Burden of hospital acquired infection among HIV patients*. Oral presentation at 145th American Public Health Association, Atlanta, GA USA.
27. **Becerra M.B.** & Mishigeni S. (2017). *Efficacy of flipped classroom in undergraduate epidemiology course*. Poster presentation at Lilly Conference, Traverse City, MI, USA.
28. **Becerra M.B.** (2017). *Are textbooks has-beens in graduate education?* Poster presentation at Affordable Learning Solutions Show Case, California State University, San Bernardino, CA, USA.
29. **Becerra M.B.** (2017). *Service learning in graduate education*. Oral presentation at Spring Faculty Showcase, California State University, San Bernardino, CA, USA.
30. Bol B. & **Becerra M.B.** (2017). *Sleep apnea and health among college students*. Poster presentation at 6th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA, USA.

31. Marmolejo C. & **Becerra M.B.** (2017). *Relationship between Mental Illness and Discrimination among College Students*. Oral presentation at 6th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA, USA.
32. Reyes A. & **Becerra M.B.** (2017). *Emergency Department Visits due to Clostridium difficile*. Oral presentation at 6th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA, USA.
33. Kakish H. & **Becerra M.B.** (2017). *Body Image Perception among Young Female Adults: An Instagram Analysis*. Poster presentation at 6th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA, USA.
34. Becerra B.J. & **Becerra M. B.** (2016). *Prevalence and correlates of low nutrition literacy among college students*. Poster presentation at 144th American Public Health Association Annual Conference, Denver, CL, USA.
35. **Becerra M. B.**, Bol B., Marmolejo C. & Becerra B.J. (2016). *Diabetes health literacy among South Asians: A pilot study using social media*. Poster presentation at 144th American Public Health Association Annual Conference, Denver, CL, USA.
36. **Becerra M.B.** & Becerra B.J. (2016). *Smoking and Immigration Among Asian Americans: Does Disaggregation of Data Reveal Any New Patterns?* Poster presentation at National Hispanic Science Network 16th International Conference. Palm Springs, CA, USA.
37. **Becerra M.B.**, Becerra B.J., & Teodrescu M. (2016). *Health Resource Utilization of Asthma Hospitalizations with Comorbid Sleep Apnea and Obesity: Results from the Nationwide Inpatient Sample*. Poster presentation at American Thoracic Society International Conference, San Francisco, CA, USA.
38. Alexander T. & **Becerra M.B.** (2016). *The public's concern over abusive relationships*. Poster presentation at 5th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA.
39. Hicks T. & **Becerra M.B.** (2016). *Racial and ethnic disparities in involuntary holds in California emergency departments*. Poster presentation at 5th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA.
40. Jackson M., Henley N. & **Becerra M.B.** (2016). *Association between unmet mental healthcare need and sleep apnea among U.S. Veterans*. Poster presentation at 5th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA.
41. Lopez A., Okpala P. & **Becerra M.B.** (2016). *Effects of maternal mental health on immediate postpartum outcomes: an analysis of California inpatient data*. Poster presentation at 5th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA.
42. Reyes A. & **Becerra M.B.** (2016). *Clostridium difficile incidences among emergency department patients*. Poster presentation at 5th Annual Meeting of the Minds Research Symposium, California State University, San Bernardino, CA.
43. **Becerra M.B.** & Becerra B.J. (2015). *Asthma and mental health among Veterans: Implications for integrated care policies*. Oral presentation at 143rd American Public Health Association annual conference, Chicago, IL, USA.

44. **Becerra M.B.** & Becerra B.J. (2015). *Determinants of low health literacy among Asian Americans and Pacific Islanders*. Poster presentation at 143rd American Public Health Association annual conference, Chicago, IL, USA.
 45. Becerra B.J., **Becerra M.B.** & Safdar N. (2015). *Burden of urinary tract infection on patient and hospital outcomes*. Poster presentation at 143rd American Public Health Association annual conference, Chicago, IL, USA.
 46. Becerra B.J., **Becerra M.B.** & Safdar N. (2015). *Clostridium difficile infection among men: Implications for improved infection control policies*. Poster presentation at 143rd American Public Health Association annual conference, Chicago, IL, USA.
 47. **Becerra M.B.**, Sis-Medina R., Reyes A. & Becerra B.J. (2015). *Serious psychological distress among low income Hispanic adults*. Oral presentation at National Institute of Health for Hispanic Serving Health Professions Schools' Professional Development Workshop, Washington D.C., USA.
 48. Becerra B.J., **Becerra M.B.**, Gerdine M. & Banta J. (2015). *Religion, acculturation, and incarceration: Determinants of substance use among Hispanic adults in the United States*. Poster presentation at National Institute of Health for Hispanic Serving Health Professions Schools' Professional Development Workshop, Washington D.C., USA.
 49. **Becerra M.B.**, Herring P., Hopp-Marshak H. & Banta J. (2014). *Acculturation and smoking behavior among Asian Americans*. 142nd American Public Health Association annual conference. New Orleans, LA, USA.
 50. Sarwar E., Arias D., Becerra B.J. & **Becerra M.B.** (2014). *Social determinants of diet behavior among Asian Americans*. Southern California Public Health Association annual conference. Los Angeles, CA, USA. Winner of Robert Friis Best Student Public Health Practice Award.
 51. **Becerra M.B.**, Herring P., Hopp-Marshak H. & Banta J. (2013). *The Association between Acculturation and Binge Drinking among Asian-Americans*. 141st American Public Health Association annual conference. Boston, MA, USA.
 52. **Becerra M.B.**, Spencer-Hwang R., Soret S., Becerra B.J, Newman P. & Montgomery S. (2012). *Childhood obesity and asthma: implications for public health practice*. Southern California Public Health Association annual conference. Los Angeles, CA, USA.
 53. **Becerra M.B.** & Mapes D. (2012). *Improving the healthcare system's response to domestic violence: an evaluation of current efforts and future implications*. 140th American Public Health Association annual conference. San Francisco, CA, USA.
 54. **Becerra M.B.** (2012). *Role of vitamin C in cataract prevention: a systematic review*. Healthy People conference. Loma Linda, CA, USA. Winner of Best Poster Award.
 55. **Becerra M.B** & Trevino E. (2011). *Healthy communities program: an innovative approach in promoting a positive environment inductive of health*. Southern California Public Health Association annual conference. Los Angeles, CA, USA.
- Some presentations are under former last name: *Bhattacharya*.
56. **Bhattacharya M.**, Becerra B. & Smith H. (2007). *Regulation of organ boundaries during reproductive development in Arabidopsis*. Botany and Plant Biology Joint Congress, American Society of Plant Biologists. Chicago, IL, USA.

57. **Bhattacharya M.**, & Smith H. (2007). *Regulation of organ boundaries during reproductive development in Arabidopsis*. National Conference on Undergraduate Research. Dominican University, San Rafael, CA, USA.
58. Yuan H., Wong L.S., **Bhattacharya M.**, Ma C., Zafarani M., Yao M. & Martins- Green M. (2007). "Second hand" cigarette smoke causes lipid accumulation in the liver and in the small blood vessels of the heart. *Molecular Biology of the Cell*, 17.
59. **Bhattacharya M.** & Smith H. (2006). *Regulation of organ boundaries during flowering*. Southern California Conference for Undergraduate Research. Occidental College, Los Angeles, CA, USA.
60. **Bhattacharya M.** & Smith H. (2006). *Molecular mechanisms that regulate organ boundaries during flowering*. College of Natural and Agricultural Sciences Undergraduate Conference. University of California, Riverside, CA, USA.
61. **Bhattacharya M.** & Smith H. (2005). *Specification of axillary meristems in Arabidopsis*. Southern California Conference of Undergraduate Research. University of California, Riverside, CA, USA.
62. **Bhattacharya M.**, Barber D., & Zuk M. (2005). *Fecundity curve differences between Teleogryllus oceanicus and Teleogryllus commodus*. New Directions Undergraduate Research Conference. University of California, Riverside, CA, USA.
63. Wong L.S., Yuan H., **Bhattacharya M.**, Ma C., Sielaff R. & Martins-Green M. (2005). *Changes in the levels Adiponectin and MCP-1 may be responsible for cigarette smoke-induced atherosclerosis*. *Wound Repair and Regeneration*, 13:157.
64. Wong L.S., Sielaff R.L., Yuan H., **Bhattacharya M.**, Zafarani M. & Martins-Green M. (2005). *Dissecting the effects of cigarette smoke components on delay wound healing*. *Wound Repair and Regeneration*, 13:016.
65. Yuan H., Wong L., **Bhattacharya M.**, Ma C., Sielaff R., Zafarani M. & Martins- Green M. *Changes in the levels of adiponectin and the chemokine MCP-1 may be responsible for cigarette smoking-induced atherosclerosis*. *Wound Repair and Regeneration*, 12(2):A43, 2004.
66. Wong L.S., Sielaff R.L., Yuan H., **Bhattacharya M.**, Zafarani M. & Martins-Green M. (2004). *First- and second-hand cigarette smoke affect cell migration and survival during tissue repair*. *Molecular Biology of the Cell*, 15(suppl):155a.
67. Wong L.S., Yuan H., Ma C., Sielaff R.L., **Bhattacharya M.**, Zafarani M. & Martins-Green, M. (2004). *MCP-1 and adiponectin in cigarette smoke induced atherosclerosis*. *Molecular Biology of the Cell*, 15(suppl):326a.
68. **Bhattacharya M.** & Zuk M. (2003). *Early and weekly mated Gryllus vocalis*. New Directions Undergraduate Research Conference. University of California, Riverside, CA, USA.

Invited Community Speaking Engagements

1. **Becerra M.B.** Invited guest speaker. Putting a Lid on COVID-19: Health Disparities, 2020. https://www.youtube.com/watch?v=0fgE_GRhukY
2. **Becerra M.B.** Keynote speaker. *Is public health your hidden talent?* Public Health 101, ReachOut, Ontario, CA, USA, 2019.

3. **Becerra M.B.** & Avina R.M. *SOGI: 101*. Professional training for staff at WIC, Public Health at San Bernardino County Department of Public Health, San Bernardino, CA, USA. 2019.
4. **Becerra M.B.** *SPSS for non-statisticians*. Pre-conference workshop at American College Health Association Annual Meeting, Denver, CO, USA. 2019.
5. **Becerra M.B.** Guest lecture in *Determinants of Health*, Loma Linda University School of Public Health, Loma Linda, CA, USA. Two lectures on social determinants of health presented and one lecture on policy analysis. 2019.
6. **Becerra M.B.** & Avina R.M. *Addressing the Needs of the Transgender Population, Not your Typical Pronoun*. Oral presentation at 9th Annual National Innovative Communities Conference, Ontario, CA, USA. 2018.
7. Avina R.M. & **Becerra M.B.** *HIV: The Mythological Creature*. Oral presentation at 9th Annual National Innovative Communities Conference, Ontario, CA, USA. 2018.
8. Mshigeni S., **Becerra M.B.** & Becerra B.J. *Opioid Epidemic: Know the Signs*. Oral presentation at 9th Annual National Innovative Communities Conference, Ontario CA, USA. 2018.
9. Becerra B.J., Mshigeni S., **Becerra M.B.** *Healthcare access and service utilization: What's literacy got to do with it?* Oral presentation at 9th Annual National Innovative Communities Conference, Ontario CA, USA. 2018,
10. **Becerra M.B.** & Corral K.E. *Heart Disease*. Women's ministry Event-Heart Health. Invited speaker by American Heart and Stroke Association, Riverside, CA, USA. 2018.
11. **Becerra M.B.** & Corral K.E. *Heart Health and Recognizing Heart Attack*. AARP Senior Meeting. Invited speaker by American Heart and Stroke Association, Riverside, CA, USA. 2018.
12. **Becerra M.B.** & Mshigeni S. *#Episelfie: What does your zip code say about your future?* Invited speaker at Inland Empire Health Professions Coalition Conference, Riverside, CA, USA. 2018.
13. **Becerra M.B.** Guest lecture in *Clinical Trials*, Loma Linda University School of Public Health, Loma Linda, CA, USA. 2018.
14. **Becerra M.B.** Bivariate Analyses. Guest lecture in *Statistics for Health Sciences* course, Department of Health Science and Human Ecology, California State University, San Bernardino, CA, USA. 2018.
15. **Becerra M.B.** *Process Evaluation in Health Sciences*. Guest lecture *Program Planning and Evaluation* course, Department of Health Science and Human Ecology, California State University, San Bernardino, CA, USA. 2017.
16. Mayer V., **Becerra M.B.** & Ferguson G. Authors listed in order of presentation. *Food insecurity and its impact on diabetes management: Identifying interventions that make a difference*. Invited speaker at National Diabetes Education Program, Centers for Disease Control and Prevention, National Institutes of Health, USA. 2017.
17. **Becerra M.B.** *Heart disease and stroke risk among elderly with respiratory illness*. Invited speaker at Parkview Medical Hospital, Riverside, CA, USA. 2016.
18. **Becerra M.B.** & Fike C. *Heart disease and stroke risk among elderly*. Invited speaker by American Heart Associated, Inland Empire for Dales Senior Center, Riverside, CA, USA. 2015.
19. **Becerra M.B.** *Research methods appropriate in allied health studies*. Guest lecture in School of Allied Health Professions, Loma Linda University, Loma Linda, CA, USA. 2014, 2015.

20. **Becerra M.B.** *Immigrant health*. Invited speaker at Department of Psychology, La Sierra University, Riverside, CA, USA. 2014.
21. **Becerra M.B.** *Freshman Advising Seminar*. Invited speaker at the Natural and Agricultural Sciences, University of California, Riverside, CA, USA. 2007.

Relevant Professional Publications

1. *Strategic Analysis and Evaluation of Graduate Programs, California State University, San Bernardino*. Published as member of Strategic Analysis Steering Committee, 2017. Team publication.
2. **Becerra M.B.** (Chair), Olney A. (Co-Chair), Janssen A., Marmolejo C., Brehaut K., Corral K., Jreisat. *Council on Public Health Education Self-Study: Master of Public Health and B.S. Health Science-Public Health Education*, 2017.
3. Public Health Newsletter, Department of Health Science and Human Ecology, California State University, San Bernardino.
 - Fall 2016/Winter 2017 Public Health Newsletter.
 - Spring 2016/Summer 2016 Public Health Newsletter.
 - Winter 2016 Public Health Newsletter.
4. **Becerra M.B.** *Asian-Americans as model minority: fact or fiction?* American Public Health Association-Student Assembly Newsletter, Winter 2014.
5. **Becerra M.B.** *Health needs assessment of the Affordable Care Act: recommendations for 2016*. American Public Health Association-Student Assembly Newsletter, Spring 2014.
6. **Becerra M.B.** *The Affordable Care Act: A paradigm shift in improving our nation's health*. American Public Health Association-Student Assembly Newsletter, Fall 2013.
7. **Becerra M.B.** *Emergency department overcrowding: are community health workers the answer?* American Public Health Association-Student Assembly Newsletter, Spring 2013.
8. **Becerra M.B.** & Mapes D. *Improving the healthcare system's response to domestic violence: a guide for healthcare professionals, 2013*. A technical report for Loma Linda University Health.
9. Project ENRRICH team publications.
 - Asthma prevention and management program for Project ENRRICH, 2013.
 - Captain Jack's ABC coloring book (of Asthma), 2013.
10. Community health needs assessments for the Patient Protection and Affordable Care Act:
 - White Memorial Medical Center, Los Angeles, California
 - Tillamook Regional Medical Center, Tillamook, Oregon
 - Ukiah Valley Medical Center, Ukiah, California
 - Loma Linda University Medical Center, Loma Linda, California
 - Loma Linda University Medical Center, Murrieta, Murrieta, California
 - San Geronio Memorial Hospital, Riverside, California
11. **Becerra M.B.**, Barilla D. *STAT: Serving tomorrow by assessing today. A guide for non-profit healthcare organization in conducting community health needs assessment, 2012*. A technical report for Loma Linda University Health.

Service to Profession and Community

- **Ad hoc reviewer.** 09.2014-Present.
 - American College Health Association annual conference abstracts.

- American Public Health Association annual conference abstracts.
- American Journal of College Health.
- American Journal of Preventive Medicine.
- Californian Journal of Health Promotion.
- Global Health Action.
- Journal of Asthma.
- Journal of American College Health.
- Journal of Health Disparities Research and Practice.
- National health disparities annual conference research abstracts.
- Pacific Coast College Health Association annual conference abstracts.
- Public Health Reports.
- Preventing Chronic Disease.
- **LGBTQ Health Task Force**, Borrego Health. 05.2019-Present.
- **LGBT Advisory Board Member**, American Lung Association. 06.2018-Present.
 - Evaluate grant applications to American Lung association to address LGBT health disparities, especially related to tobacco use.
- **Candidate Evaluator and Ambassador**, National Board of Public Health Examiners. 09.2017-Present.
- **President Elect**, Pacific Coast College Health Association. 12.2018-10.2019.
 - Work in collaboration with the President and committee to address college health priorities for the regional chapter.
 - Serve to review abstracts for annual conference.
- **Mentor**, Asian Pacific Islander Caucus, American Public Health Association. 07.2018-Present
 - Mentor students on research, peer-reviewed publication process, and career guidance.
- **Evaluator**, Hispanic Serving Health Professions Schools. 04.2018.
 - Evaluate intern applicants for Office of Minority Health.
- **Evaluator**, Reach Out. 04.2018.
 - Evaluate public service announcements submitted by K-12 students.
- **Board Member**, Randall Lewis Health Policy Fellowship. 09.2017-09.2018.
- **Board Member**, American Lung Association, Inland Empire, Community Engagement. 09.2017-09.2018.
- **Board Member**, South Asian Public Health Association. 09.2015-09.2017.
- **Primary Mentor**, Hispanic Serving Health Professionals Schools, *sMPH²r* program. 02.2015-08.2015.
 - Mentor to three students through the national program. Responsibilities include providing guidance in research project development, project data analysis, and research product completion.
- **Mentor**, Network for Public Health Law. 09.2014-03.2016.

- Provide guidance to students in developing research and professional experience in public health law and policy.
- **Secondary Mentor**, Hispanic Serving Health Professionals Schools, *sMPH²r* program. 01.2014-08.2014.
 - Collaborative project with Centers for Disease Control and Prevention (CDC)'s Commander M. Cruz to mentor graduate student in research assessing the current status and needs of emergency managers across U.S.
- **Moderator**, Hispanic-Serving Health Professions Schools oral session at National Institutes of Health on California Health Interview Survey. 06.2014.
- **Moderator**, Asthma Epidemiology section of the 142nd American Public Health Association Annual Conference, New Orleans, LA. 01.2015.
- **Co-Chair**. 06.2013-06.2014
 - American Public Health Association-Student Assembly Newsletter Subcommittee.
 - Communications Liaison, American Public Health Association - Public Health Education and Health Promotion (PHEHP) Student Workgroup.
- **Survey evaluator**, American Public Health Association -PHEHP. 06.2013-06.2014.
 - Collect and analyze data gathered from members to create evidence-based activities for membership body.
 - Present results at board meetings.

Service to Academic Institutions

- **Interim Director**, Teaching Resource Center, California State University San Bernardino. 08.2020-Present.
 - Develop, implement, and evaluate, the Faculty Center for Excellence (FCE) Certificate Track in Teaching and Learning.
 - Create multiple High Impact Practices-driven workshops for faculty at all ranks and appointments.
 - Implement workshops with collaborations with FCE team, Office of Community Engagement, Office of Academic Assessment, as well as experts in the field.
 - Evaluate efficacy of certificate track and make needed modifications and additions.
 - Develop, implement, and evaluate inaugural Pedagogy Café; a virtual social hour to discuss pedagogical initiatives.
 - Establish inaugural Internship Program to create pipeline for educators at institutes of higher education.
 - Establish inaugural Critical Information Literacy Leadership Institute to promote socially responsible pedagogical initiatives.
- **Immediate Past Director**, Center for Health Equity. California State University, San Bernardino. 08.2020-08.2021.
 - Disseminate call for new co-directors and elect new Center leaders.
 - Establish seamless transition for new co-directors.
 - Provide guidance to new co-directors through formalized mentorship.
 - Serve as internship coordinator for Center's interns.
 - Lead team in writing bylaws for the Center.

- Manage social media and other dissemination outlets (including newsletter) of Center's accomplishment.
- Secure grant.
- **Coordinator**, Certificate in Health Equity and Certificate. California State University, San Bernardino. 09.2014-Present.
 - Recruit and advise students on obtaining health equity certificate.
 - Advise students on program plan.
- **Member**, Academic Review, California State University, San Bernardino. 10.2019-Present.
- **Member**, Teaching Academy, California State University, San Bernardino. 10.2019-Present.
- **Member**, Western Association of Schools and Colleges for Senior Colleges and Universities (WSCUC) accreditation working group. California State University, San Bernardino. 02.2019-Present.
 - Collaborate with team to write and ensure compliance for university reaccreditation.
- **Member**, University Diversity Committee. California State University, San Bernardino. 09.2018-2020.
- **Member**, Part-Time Recruitment Committee. Department of Health Science and Human Ecology, California State University, San Bernardino. 09.2014-Present.
 - Review applications to make recommendations for part-time hiring pool.
- **Member**, Alcohol Tobacco and Other Drugs Committee. California State University, San Bernardino. 2019.
 - Collaborate with team to discuss practices effective for student health outcomes related to ATOD and campus initiatives to improve student outcomes.
- **Member**, Student Health Advisory Committee. California State University, San Bernardino. 09.2017-06.2019.
 - Collaborate with team to discuss practices effective for student health outcomes.
 - Collaborate to implement Sex and the University with public health as a co-sponsor of the event.
- **Director**, Center for Health Equity. California State University, San Bernardino. 06.2017-08-2020.
 - Lead team to ensure center compliance and promote collaborative and interdisciplinary research.
 - Collaborate to create annual strategic plan for the center.
 - Submit grants on behalf of Center for sustainability.
 - Submit annual faculty senate review report.
 - Establish strategic plan for the Center.
 - Establish formal internship program.
 - Establish Center's YouTube channel and newsletter.
- **Member**, High Impact Practices Committee. California State University, San Bernardino. 06.2017-Present.

- Collaborate with team to finalize definition of high impact practices relevant to CSUSB campus and student community.
- **Transformation leader**, Q2S committee. Department of Health Science and Human Ecology, California State University, San Bernardino. 06.2017-09.2019.
 - Lead team for quarter-to-semester transformation for undergraduate and graduate public health programs and ensure CSU-system wide compliance.
 - Submit pre and post curricular items.
 - Create and submit assessment plans for semester curriculum.
- **Member**, Part-Time Evaluation Committee. Department of Health Science and Human Ecology, California State University, San Bernardino. 09.2014-09.2019.
 - Conduct part-time faculty class visitations each quarter.
 - Conduct annual part-time faculty class review.
- **Member**, Curriculum Committee, Department of Health Science and Human Ecology, California State University San Bernardino. 09.2014- 09.2019.
 - Collaborate with assessment coordinator to evaluate learning outcomes for undergraduate public health education program and made curriculum recommendations to department faculty and chair.
- **Chair**, Graduate Council. California State University, San Bernardino. 09.2018-06.2019.
 - Lead graduate council activities for the academic year. Responsibilities include setting meeting agenda, dissemination of agenda and minutes, leading the team in creating subcommittees and setting academic year priorities.
- **Chair**, Faculty Search Committee for Healthcare Management/Public Health. Department of Health Science and Human Ecology, California State University, San Bernardino. 09.2017-06.2018.
 - Develop recruitment plan for faculty positions.
 - Disseminate position to professional networks.
 - Hold weekly meeting with committee, develop agenda, disseminate meeting minutes.
 - Integrate committee feedback to create list of semi-finalist for the position and relay to academic personnel.
 - Collaborate with committee to develop interview questions.
 - Evaluate candidates for position.
 - Disseminate recommendations to department faculty and chair.
 - Ensuring hiring of two tenure-track faculty positions.
- **Member**, Director of Teaching Resource Center Search Committee and Dean of Graduate Studies Committee. California State University, San Bernardino. 09.2017-06.2018.
 - Collaborate with team to make recommendations and provide feedback on applicants and interviews.
- **Member**, Department Retention, Tenure, and Promotion Committee. Department of Health Science and Human Ecology, California State University, San Bernardino. 09.2017-06.2018.
 - Conduction period and performance review of tenure-track faculty members.

- **Member**, Graduate Steering Committee. California State University, San Bernardino. 09.2015-06.2019.
 - Analyze and interpret data of graduate program across campus to conduct a comprehensive evaluation of needs and assets.
- **Member**, Graduate Council. California State University, San Bernardino. 09.2015-06.2019.
 - Subcommittee member of: Student Teaching/Research Assistant. Develop survey to get input from graduate coordinators, develop recommendations for institution's strategic analysis team.
- **Chair**, Professional Development Workforce. Department of Health Science and Human Ecology, California State University, San Bernardino. 09.2015-06.2019.
 - Collaborate with local professional network to meet community needs by developing and implementing the public health professional development committee; that further meets accreditation standards.
 - Develop and conduct needs assessment of health educators in San Bernardino County to address workshop and training needs.
 - Create and implement workshops for workforce development related to grant writing and data science for Riverside and San Bernardino Counties, American Lung Association, and American Heart Association.
- **Coordinator**, B.S. in Health Science with concentration with public health education. Department of Health Science and Human Ecology, California State University, San Bernardino. 09.2014-09.2018.
 - Lead and oversee the ongoing program strategic management, including course offering, scheduling, recommendations for faculty course assignment, and course evaluations.
 - Lead and oversee Q2S transformation, as transformation leader, for the program and collaborate with department assessment coordinator to ensure timely submission of items. Currently working in collaboration with healthcare management program coordinator to implement common courses for program.
 - Provide mentorship and guidance to students, including quarterly advising and workshops for course and career advising.
 - Update and maintain undergraduate public health website section within the departmental website.
 - Update program learning outcomes for program to be aligned with institutional learning as well as accreditation and professional guidelines.
 - Develop and implement program specific evaluations, including student surveys.
- **Director**, Master of Public Health. Department of Health Science and Human Ecology, California State University, San Bernardino 09.2014-09.2018.
 - Re-structure entire Master of Public Health program to meet national accreditation standards, including changes to course offerings, course descriptions (through C forms), as well as development of several new courses (through C forms), and program plan (through P forms) in 2014-2015, 2015-2016 academic years, resulting in Faculty Senate approval of program and course changes.
 - Develop program goals and objectives, along with competencies, to meet both institutional and accreditation standards.

- Lead and oversee day-to-day activities of the program, collaborate with departmental staff to ensure timely flow of approvals, program budget, FTE allocations, course offerings, and course assignment to faculty members.
- Collaborate with Master of Science and Health Services Administration program director to develop relevant course content for both programs, programmatic strategic plan, such as new faculty hire, part-time course assignments, and offering of electives.
- Participate in quarterly University graduate coordinator meetings and implements necessary changes to the program based on the outcomes of the meetings.
- Serve and represent College of Natural Science as Graduate Council member and as member of steering committee conduct strategic analysis of campus graduate programs.
- Implement two-year long service learning as part of program curriculum to ensure more integration of high impact practices for students' professional development. Collaborated with local organizations and student health center to allow for such service-learning opportunities.
- Lead and oversee Q2S transformation, as transformation leader, for the program and collaborate with department assessment coordinator to ensure timely submission of items.
- Evaluate student feedback and implement necessary changes, including course offerings such as grant writing, Spring workshop for professional networking, and graduate research fair.
- Update and maintain graduate public health website within the departmental website.
- Implement and update graduate student handbook to ensure compliance with program and University requirements.
- Implement opportunities for graduate students with work experience to teach lower division and some upper division courses as teaching associates, resulting in saving departmental funds for adjunct hiring and improved budget allocation for department.
- Update departmental admissions packet.
- Review applicants based on implemented rubric.
- Serve as a sole program advisor and mentor to both prospective and current graduate students.
- Serve as faculty representative for committee on evaluation of candidates at CSUSB for the for CSU pre-doctoral and doctoral initiative programs.
- Established a route of accountability to both internal and external stakeholders, through implementation of the graduate coordinator/director's annual report; which is disseminated to all stakeholders through department website.
- Develop and implement stronger methods of recruitment starting 2015 academic year, including:
 - On-campus workshops for existing undergraduate students.
 - On-line advising for off campus applicants.
 - One-on-one phone meetings for prospective international applicants.
 - Resulted in significant increase in new enrollment rate for the program.
 - Develop and implement effective advising and retention models, including:

- Fall orientation to introduce programmatic requirements to students.
- Spring workshop on networking that focus on guest speakers and potential employers from local County offices and non-profit foundations.
- Winter research symposium to disseminate graduate student research projects to stakeholders, including student health center (who select best products for use for the campus).
- Quarterly one-on-one advising for courses and career advising.
- Monthly one-on-one or group (as needed) for career advising, including Saturdays for Certified Public Health Specialist exam preparation.
- Develop e-mentorship model where second year students mentor first year students and the latter mentor prospective undergraduate students interested in program leading to improved collaboration and advertisement of program, student success, and networking.
- Develop programmatic internship opportunities for students interested in academic career, resulting in hands on experience in research, teaching (through guest lectures and teaching associate positions), and service (part of program committees, such as assessment and accreditation).
- Develop academic-service partnership, with American Lung Association, student health center, American Heart Association, San Bernardino County Department of Public Health, Partners for Better Health, among others, for service-learning, volunteer, and internship opportunities.
- Develop and implement novel methods of alumni involvement, including:
 - Newsletter feature of alumni and accomplishments.
 - Recruitment to external advisory board for recognition of professional work.
 - Resulted in alumni-student mentorship network.
 - Ensure full accreditation of program, development, and submission of compliance reports to accrediting body.
- **Chair, Public Health Assessment and Accreditation Committee**, Master of Public Health. Department of Health Science and Human Ecology, California State University, San Bernardino. 09.2014-09.2018.
 - Lead the programs of public health (undergraduate and graduate) to create assessment plan for each quarter, year, and every three years. This resulted in development of an assessment culture and thus implementation of annual assessment for the full department (thus all programs), creation of department assessment coordinator position, whom I trained in assessment procedures.
 - Develop program learning outcomes for both undergraduate and graduate public health programs that remain distinct, align with intuitional learning outcomes, and meet both Council on Education for Public Health and Western Association of Schools and Colleges accreditation standards by collaboratively working with college assessment coordinator and program faculty. Specific emphasis was placed on service-learning and inclusion of learning outcomes focused on diversity and equity for service area.
 - Create and implement feedback mechanism for program assessment, including: student satisfaction survey, alumni survey, external advisory board survey, pre- and post-program evaluation surveys.
 - Utilize institutional research (IR) database and work collaboratively with IR team to develop and implement undergraduate and graduate student outcome datasets for

- assessment of program effectiveness, including graduation rate, rate of transfer, time to graduation, in addition to demographic breakdown of graduating students.
- Collect and compile data from IR, evaluation surveys, course-specific quarterly evaluations, and faculty feedback to create databases on student learning outcomes, success rates, and ensure compliance with distinct national accreditation standards for undergraduate and graduate programs.
 - Maintain and update distinct undergraduate and graduate program databases for assessment, which are used for annual and compliance accreditation reports, college assessment report, among others.
 - Train, advise, and provide feedback to program faculty members (full and part-time) for quarterly course assessment to ensure alignment of course content to program and institutional learning outcomes.
 - Hold workshops for program faculty members (full and part-time) on assessment dataset, matching program learning outcomes to institutional learning outcomes and tying in with course content, as well as discussion of “closing the loop.” For example, specific programmatic changes were made upon such assessment, including addition of courses, implementation of portfolio for students, and frequency of course offerings to ensure timely graduation.
 - Work closely with college assessment coordinator in order to ensure program review process is effective and disseminate assessment to college, Office of Graduate Studies, and external advisory board members.
 - Collaborate with colleagues across the CSU system and professional community, including Office of Community Engagement at CSUSB, student health center at CSUSB, and Master of Public Health coordinators through CSU-system wide meetings, to ensure compliance to national standards and institutional goals. For example:
 - Develop internship opportunities to meet accreditation standards at the DEN and student health center.
 - Work in collaboration with MPH coordinators at CSUN, CSULA, CSUF to implement new accreditation standards and guidelines for portfolio.
 - Collaborate with accreditation experts at Loma Linda University and Claremont University, as well as local professional network Partners for Better Health, to ensure program accreditation report provides adequate assessment of local needs, both for community and education.
 - Implement external advisory board, with members from the professional field, such as, Commander Miguel Cruz from Centers for Disease Control and Prevention, Devin Arias from American Lung Association, Tom Hernandez from San Bernardino County Department of Public Health, among others.
 - Provide guidance to non-public health programs, such as Master of Science in Healthcare Services and Administration in developing assessment plan.
 - Lead assessment and accreditation team, which includes department/college assessment coordinator and undergraduate and graduate student representatives, in assessment and accreditation procedures.
 - Compute FTE and SFTE for accreditation purposes to ensure adequate faculty-student ratio requirements for accreditation, in addition to making recommendations for improvement.

- Update departmental and program website to disseminate relevant accreditation and assessment reports to community at large.
- Successful ensure full accreditation of two programs in the Department of Health Science and Human Ecology; both accreditation-required distinct standards and competencies.
- **Grant evaluator**, California State University, San Bernardino. 09.2014-09.2018.
 - Evaluate grant submissions for original research and research-related travel for students and faculty through Office of Student Research and Professional Development College mini-grants.
- **Juror and Moderator**, Meeting of the Minds Research Symposium and Annual Student Research Competition at California State University, San Bernardino. 09.2014-09.2018.
 - Review and judge student research products during annual conferences.
- **Member, Marketing Committee**, Department of Health Science and Human Ecology, California State University San Bernardino. 09.2014-09.2018.
 - Create marketing flyer for MPH program for student recruitment.
 - Hold information sessions and utilize social media for recruitment.
 - Develop and disseminate quarterly Public Health Newsletter.
- **Board Member**, Institutional Review Board, California State University, San Bernardino.
 - Review research proposal for ethical guidelines. 09.2014-09.2016.
- **Faculty Advisor**, Eta Sigma Gamma Honorary Society-Delta Delta Chapter, California State University, San Bernardino. 09.2014-09.2015.
 - Provide guidance for University-chartering policies, health education events, elections, and organizational by laws.
- **Member**, Domestic Violence Task Force, Loma Linda University. 09.2010-09.2014.
 - Evaluate current policies on reporting domestic violence issues on campus.
 - Disseminate resources to target population.
 - Serve as public health representative at the Rancho Cucamonga District Attorney's death review board.
- **Outreach Coordinator**, Botany/Entomology Association, University of California, Riverside. 01-2003-12.2007.
 - **Co-President**, Students Against Destructive Decision, University of California, Riverside. 01-2003-12.2007.
 - **Webmaster**, Habitat for Humanity, University of California, Riverside. 01-2003-12.2007.
 - **Production Assistant**, The Highlander, University of California, Riverside. 01-2003-12.2007.
 - **Science Editor**, The X-Factor, University of California, Riverside. 01-2003-12.2007.

Grants and Awards

- Center for Civic Policy & Leadership (CCPL) Fellowship, 2020.
- Dean's Innovative Teaching Grant, California State University, San Bernardino, 2020.

- California Clean Air Day project, collaborative with Dignity Health-St. Bernardine Medical Center, Coalition for Clean Air, 2019.
- Course Development Grant, Teaching Resource Center, California State University, San Bernardino, Summer 2019.
- Course Development Grant, Teaching Resource Center, California State University, San Bernardino, Spring 2019.
- Community Health Needs Assessment, Inland Empire HIV Planning Council, 2018-2019.
- Establishing Community Partnership, Office of Community Engagement, California State University, San Bernardino, 2018-2019.
- Faculty Learning Community on Diversity, Equity, and Inclusion, 2018-2019.
- Teaching Skills Study Award, Teaching Resource Center, California State University, San Bernardino, 2018.
- Faculty Data Fellow, California State University, San Bernardino, 2017-2018.
- Affordable Learning Solutions, California State University, San Bernardino, 2017-2018.
- Faculty Assigned Time Grant, Office of Student Research, California State University, San Bernardino, 2017-2018.
- Faculty Professional Development Mini Grant, College of Natural Sciences, California State University, San Bernardino, 2017-2018.
- Peer-consultant grant, Office of Student Research, 2017-2018.
- Innovative Course Development Grant, Teaching Resource Center, California State University, San Bernardino, 2017.
- Summer Research Fellowship, California State University, San Bernardino, 2017.
- Anthony and Lois Evans Faculty Development Award, California State University, San Bernardino, 2017.
- Peer-consultant grant, Office of Student Research, 2016-2017.
- Affordable Learning Solutions, California State University, San Bernardino, 2016-2017.
- Critical Information Literacy Grant, Pfau Library, California State University, San Bernardino, 2016-2017.
- Faculty Professional Development Mini Grant, College of Natural Sciences, California State University, San Bernardino, 2016-2017.
- Faculty/Student Grant, Office of Student Research, California State University, San Bernardino, 2015-2017 (x3).
- Summer Research Program. Office of Student Research, California State University, San Bernardino, 2016.
- Scientific Development Travel Fellowship, The National Hispanic Science Network on Drug Abuse, National Institute on Drug Abuse, 2016.
- Winner (second place), Faculty Showcase on Innovative Course Development, California State University, San Bernardino, 2016.
- Faculty Professional Development Mini Grant, College of Natural Sciences, California State University, San Bernardino, 2015-2016.

- Innovative Course Development Grant, Teaching Resource Center, California State University, San Bernardino, 2015.
- Merrit C. Horning Award for Outstanding Student Research, 2014.
- Selma Andrews Scholarship, Loma Linda University, 2013-2014.
- Center for Health Research Dissertation Research Award, Loma Linda University, 2013.
- American Public Health Association (APHA) Conference Scholarship, Latino Caucus for Public Health, 2013.
- APHA Conference Scholarship, Loma Linda University, 2013.
- The Albert E. Barnett Health Administration Scholarship, 2012.
- Best overall poster, Healthy People, 2012.
- California-Nevada Public Health Training Center Award, 2011.
- Neil Campbell CEPCEB Outstanding Undergraduate Research Award, 2007.
- College of Natural and Agricultural Sciences grant to evaluate the role of transcription factors in plant stem cells (meristems) for reproductive and lateral organ development. Department of Plant Molecular Biology, University of California Riverside, 2007.
- College of Natural and Agricultural Sciences grant to screen ApoB100 positive transgenic mice utilizing immunolocalization technology. Department of Cell Biology and Neuroscience, University of California Riverside, 2005.
- Outstanding Student Conversation Partner, University of California Riverside, 2005.
- College of Natural and Agricultural Sciences grant assessing the role of both first- and second-hand cigarette smoke on blood carboxyhemoglobin level. Department of Biochemistry, University of California Riverside, 2004.

Professional Memberships

- American College Health Association (ACHA).
- American Public Health Association (APHA).
- Association for Writing Across the Curriculum.
- Phi Kappa Phi Honor Society.
- Sigma Xi, The Scientific Research Honor Society.
- Society of Public Health Education (SOPHE).

References

Available upon request.