

1990 – 1993 Study Management/Writing Facilitator, Office of Academic Support and Instructional Training, University of California, San Diego, San Diego, CA

SCHOLARLY ACTIVITY - RESEARCH

Awards and Recognitions

1990	Provost Honors
1991	Provost Honors
1993	Provost Honors
2000	Society for Epidemiologic Research, Student Workshop
2007	Inside Magazine, cover feature article
2007	Marquis Who's Who
2007	Eta Sigma Gamma Faculty Recognition Award
2009	Academic Advising Certificate in Excellence
2010	Eta Sigma Gamma Faculty Recognition Award
2010	Faculty Recognition: Research and Highest Quality External Grant Activity
2012	Jewel Plummer Cobb Award for Research and Diversity Education
2013	High Impact Experiential Learning Profile, CSUF Inside
2015	Featured Research in the Orange County Register & CSUF Webpage
2017	Research Scholar, HHD College

Contracts and grants:

07/01/16 – 06/30/20	<u>Principal Investigator</u> . Big Data Discovery & Diversity through Research Education Advancement & Partnerships (BD3-REAP) SUPPLEMENT, NIH/NIMHHD. \$155,550
09/25/15 – 06/30/20	<u>Principal Investigator</u> . Big Data Discovery & Diversity through Research Education Advancement & Partnerships (BD3-REAP), NIH/NIMHHD. \$1,021,329
09/01/13 – 09/01/15	<u>Principal Investigator</u> . Molecular and Epigenetic Mechanisms of Gender Disparities in Early Onset Melanoma, UCI/ Allan Hubbell Research and Education Fund. \$50,000
08/15/11 – 08/14/14	<u>Principal Investigator</u> . Increasing Workforce Diversity: Training Hispanic Students to Address Childhood Obesity and Nutrition, USDA/NIFA. \$277,500
08/15/11 – 08/14/14	<u>Principal Investigator</u> . Childhood Obesity and Nutrition Curriculum for a Changing Population. USDA/NIFA, \$280,343
08/15/12 – 06/30/13	<u>Principal Investigator</u> . Enhancing laboratory facilities: Metabolic Syndrome, modifiable risk factors and health disparities. CSUF, \$11,030
10/01/05 – 08/31/11	<u>Principal Investigator</u> . Diet, DNA repair genes and breast cancer risk.

- NIH/NCI, \$485,000
- 05/01/07 – 04/30/09 Project leader. Behavior and beliefs related to diet in Native Hawaiians in Southern California. NIH/NCI, \$71,872
- 04/10/07 – 3/31/09 Co-Investigator/Lead project director for nutritional assessments. Physical activity and nutrition among Pacific Islander youth: an exploratory study. NIH/NCI, \$353,327
- 04/1/11 – 06/30/12 Principal Investigator. Chronic Disease and Health Behaviors in Pacific Islanders and Native Hawaiians in Southern California. CSUF, \$10,000.
- 07/1/09 - 06/30/10 Co- Principal Investigator. Assessing and pilot testing an urban garden. Health Promotion Research Institute Mini-Grant. CSUF, \$1,500.
- 09/01/07 – 06/01/08 Project lead/ Principal Investigator. Promoting the Health of Faculty, Staff, Students, and Community. Mission and Goals Initiative; CSUF, \$12,000
- 11/01/06 – 09/30/07 Principal Investigator. Exploration of the Mediterranean diet in a Screening Study for Prostatic Disease in a Lebanese Population. Intramural/CSUF, \$5,000
- 12/01/06 – 06/30/07 Project Director. The Optimal Nutrition, Health Eating and Behaviors (ONHEB) Program. Intramural/CSUF, \$15,000
- 06/01/07 – 08/30/07 Principal Investigator. Folate sub-species investigation and analysis. New Faculty Summer Stipend/CSUF, \$6000
- 07/01/04 – 06/29/05 Principal Investigator. Support and Enhancement of the Existing Cancer Registry in California. Centers for Disease Control/PHI (Subcontract UCI), (one year direct cost) \$335,937
- 09/01/03-01/31/04 Principal Investigator. Treatment Lifestyle Factors and 5-Year Breast Cancer Survival. Cancer Center UCI, \$ 11,000
- 07/01/03-06/30/05 Co-Principal Investigator. Cancer Surveillance Program of Orange County/San Diego Imperial Organization for Cancer Control. California Public Health Foundation, (one year direct cost) \$900,295 (Until 07).
- 09/30/98-07/31/03 Co-Investigator. Hereditary Breast and Ovarian Cancer: Genetic and Molecular Studies. NIH/NCI, (one year direct cost) \$447,767
- 07/01/00 – 06/30/02 Principal Investigator. Relationships between Smoking, Homocysteine and Folate. Tobacco-Related Disease Research Program, UC, \$50,000

PUBLICATIONS

Invited Presentations (in chronological order)

1. **McEligot AJ.** Epidemiology of Breast Cancer. University of California, San Diego Epidemiology Seminar Series, San Diego, CA, 1999.
2. **McEligot AJ.** Plasma carotenoids and homocysteine concentrations in a dietary intervention trial. University of California, Irvine, Epidemiology Speaker Series, 2001.
3. **McEligot AJ.** Vegetable, fruit and dietary fat intakes and breast cancer risk. University of California, Irvine, Genetics Group Speaker Series, Irvine, CA 2002.
4. **McEligot AJ.** Nutrition, genetics and breast cancer in a population-based study of hereditary breast cancer. University of California, Irvine, School of Medicine Grand Rounds, Irvine, CA 2002.
5. **McEligot AJ.** Nutrition and cancer in a population-based study of hereditary breast cancer. University of California, Irvine, Health Policy and Research Seminar, Irvine, CA 2002.
6. **McEligot AJ.** Nutrition and a Healthful Lifestyle. American Association of University Women, Laguna Beach, CA, 2003.
7. **McEligot AJ.** Diet, Lifestyle and Cancer Risk. American Cancer Society Advisory Group. Irvine, CA 2005.
8. **McEligot AJ.** Diet, Nutrition and Cancer. Cancer Registrars Education Workshop. Irvine, CA 2005.
9. **McEligot AJ.** Nutritional Therapies for Chronic Pain and Optimal Health. Fibromyalgia Awareness Means Everything. Fullerton, CA, May 2007.
10. **McEligot AJ.** Lifestyle/Environmental Factors & Cancer Risk. Minority Training Program in Cancer Control Research. Los Angeles, CA, June 2007.
11. **McEligot AJ.** Nutrition and Health. Southern California University of Health Sciences. Whittier, CA, November 2007.
12. **McEligot AJ.** Genes and Diet in association with colon cancer risk. UCI Colon Cancer Prevention Planning Retreat. Irvine, CA, March 2008.
13. **McEligot, AJ., M., Ziogas, A., Anton-Culver, A.** Nutrition for optimum health. The role of diet in cancer prevention. Susan G. Komen Annual Breast Health Conference. Anaheim, CA, March 2008.
14. **McEligot, AJ.** Nutrition Research at CSUF. Nutrition & Wellness: A Novel and Multidisciplinary Approach. Fullerton, CA, April 2008.

15. **McEligot, AJ.**, M., Ziogas, A., Anton-Culver, A. Lifestyle/Environmental Factors & Cancer Risk. Minority Training Program in Cancer Control Research. UCLA, Los Angeles, CA, June 2008.
16. **McEligot AJ.** Diet, behavior and beliefs survey in Native Hawaiians in Southern California. 2009 He Huliau Conference – A Turning Point; Eliminating Health Disparities in Native and Pacific Peoples. Costa Mesa, CA, February 2009.
17. **McEligot AJ.** Diet, nutrition and breast cancer. Susan G. Komen Foundation Annual Breast Health Symposium. Anaheim, CA, March 2009.
18. **McEligot AJ.** Diet, attitude and beliefs: focus on health disparities in Native Hawaiians. Compassionate Care to a Diverse Population. Fullerton, CA, November 2010.
19. **McEligot AJ.** Intervention Research: What to do about it". Minority Training Program in Cancer Control Research, UCLA, Los Angeles, CA, June 2011 (Invited, however was unable to attend).
20. **McEligot AJ.** Working with Diverse Communities and Students. Inaugural CSUF Research Week, Fullerton, CA, March 2013.
21. **McEligot AJ.** Nutrition and Health: A Biosocial Context in a Changing World. UCI Epidemiology Seminar Series, Irvine, CA, April 2013.
22. **McEligot AJ,** Gonzalez E. & Chandler C. *Comidas y Comunidades Saludables: A Healthy Foods and Communities Approach.* CSUF, Latinos and the City: Grassroots Visions for Healthy Communities, Fullerton, CA, April 2014.
23. **McEligot AJ,** Gonzalez E. Chandler C. & Espinoza A. *Comidas y Comunidades Saludables: Best Approaches for Training Diverse Students in Nutrition and Childhood Obesity,* Santa Barbara, CA, February 2015.
24. **McEligot AJ & Behseta S.** Diversity in Data Science. BD2K Break-Out Session and Report-Back Summary, Bethesda, MD, November 2015.
25. **McEligot AJ,** Big Data and Health. Ocher Life Long Learning Institute (OLLI), Fullerton, CA, March 2016.
26. **McEligot AJ,** Behseta S, Cuajungco M, Mitra S, Chandler L & Chauhan H. Big Data Diversity and Discovery project goals and updates. BD2K Training Coordinating Center Meeting, Los Angeles, CA, April 2016.
27. **McEligot AJ.** Nutrigenetics & Big Data Science Research Education. CSUF, 2018 HHD Research Scholar Talk, Fullerton, CA, November 2017
28. **McEligot AJ.** Exploring NHANES via Data Science Research and Training. UCI Epidemiology Seminar Series, Irvine, CA, March 2018.

Peer-reviewed presentations at other meetings (Oral and Abstracts) – In chronological order

1. **Jaiswal AI**, Croft, M. Role of accessory molecules during induction of CD40-L on T cell subsets. Keystone Symposia on Molecular and Cellular Biology, Hilton Head, SC, 1996.
2. Croft M, **Jaiswal AI**. Role of accessory molecules during induction of CD40-L on T cell subsets. Annual meeting of American Association of Immunologists, New Orleans, LA, 1996.
3. **McEligot AJ**, Rock CL, Sobo EJ, Flatt SW, Marx RD, Wilfley D, Pierce JP. Dietary restriction and eating pathology in breast cancer survivors: a pilot study. International Conference on Eating Disorders, New York, NY, 1998.
4. **McEligot AJ**, Rock CL, Flatt SW, Newman V, Faerber S, Pierce JP. Serum carotenoid response to vegetable juice as compared to vegetables and fruit in a diet intervention study. Experimental Biology annual meeting, San Francisco CA. FASEB Journal, v. 12, n. 4, 1998: A554.
5. **McEligot AJ**, Rock CL, Newman V, Sanborn KA, Pierce JP. Plasma carotenoids and intakes at 3 – yr follow-up in a feasibility study of high-vegetable diet to prevent breast cancer recurrence. Experimental Biology annual meeting, Washington DC. FASEB Journal, v. 13, n. 4 PART 1, 1999: A554.
6. **McEligot AJ**, Rock CL, Sobo EJ. Emotional and somatic overeating outcomes in breast cancer survivors. The Academy for Eating Disorders annual meeting, San Diego, CA, 1999.
7. Rock CL, **McEligot AJ**, Newman V, Faerber S, Sanborn KA, Pierce JP. Plasma carotenoid concentrations at 1-year and 3-year follow-up in a feasibility study of a high-vegetable diet to prevent breast cancer recurrence. 12th International Carotenoid Symposium, Cairns, Australia, 1999.
8. **McEligot AJ**, Rock CL, Gilpin E, Newman V, Pierce JP. Is there an association between high fiber intake and abdominal discomfort? Experimental Biology annual meeting, San Diego, CA, 2000.
9. **McEligot AJ**, Rock CL, Gilpin E, Newman V, Pierce JP. High dietary fiber intake is not associated with adverse abdominal symptoms. San Diego Epidemiology Exchange, San Diego, CA, 2000.
10. **McEligot AJ**, Rock CL, Gilpin E, Newman V, Pierce JP. Biomarkers and Behavior: Relationships between homocysteine and folate, exercise and smoking. The 33rd annual meeting of the Society for Epidemiologic Research Student Workshop, Seattle, WA, 2000.
11. **McEligot AJ**, Rock CL, Gilpin EA, Pierce JP. Homocysteine and folate concentrations in smokers and non-smokers enrolled in a diet intervention trial. Society for Epidemiologic Research, Palm Desert, CA 2002.
12. **McEligot AJ**, Wenzel L, Largent J, Ziogas A and Anton-Culver H. Factors Associated with Complementary and Alternative Medicine Use Among Breast Cancer Patients With and Without a Family History of Breast or Ovarian Cancer. The Fourth Annual Tamkin Medical Education Symposium, Irvine, CA 2002.

- 13. McEligot AJ, Wenzel L, Largent J, Ziogas A and Anton-Culver H.** Relationships between dietary intake and complementary and alternative medicine (CAM) use among breast cancer patients. International Conference on Complementary and Alternative Medicine. Newport Beach, CA, September 2002.
- 14. McEligot AJ, Largent J, Ziogas A and Anton-Culver H.** Dietary intakes in women with breast cancer enrolled in a population-based family registry for breast and ovarian cancer. 10th Annual Faculty Research Poster Session, Irvine, CA 2003.
- 15. McEligot AJ, Largent J, Ziogas A and Anton-Culver H.** Vegetable fruit, fiber and fat intakes in women with breast cancer enrolled in a population-based family registry for breast and ovarian cancer. Experimental Biology annual meeting, San Diego, CA. FASEB Journal, v. 17, n. 4 PART 1, 2003: 267.4.
- 16. McEligot AJ, Wenzel L, Largent J, Ziogas A and Anton-Culver H.** Relationships between dietary intake and complementary and alternative medicine (CAM) use among breast cancer patients. International Conference on Complementary and Alternative Medicine. Newport Beach, CA, September 2003.
- 17. McEligot AJ, Largent J, Ziogas A, Cohen P and Anton-Culver H.** Dietary Intakes of Fat (% energy), Fiber, Vegetable and Fruit, and Overall Survival in Women Diagnosed with Breast Cancer. California Association of Regional Cancer Registries and The California Cancer Registry (CARCR), Newport Beach, CA 2004.
- 18. McEligot AJ, John E.** Dietary biomarkers and dietary assessment in youth. Breast Cooperative Family Registries. San Francisco, CA, 2004.
- 19. McEligot AJ, Largent J, Ziogas A, Cohen P and Anton-Culver H.** Dietary intakes of fat (% energy), fiber, vegetable and fruit, and overall survival in women diagnosed with breast cancer. 16th Annual California Cancer Registry Conference, Newport Beach, CA, 2004.
- 20. McEligot AJ, Im T, Hoang H, Anton-Culver H.** Feasibility of abstracting height, weight, alcohol use and smoking data from medical records and their relation to breast cancer prognostic factors. California Cancer Registry Technical Conference, Monterey, CA, 2004.
- 21. McEligot AJ, Largent J, Ziogas A and Anton-Culver H.** Vegetable, fruit, fiber and fat intakes in women with breast cancer enrolled in a population-based family registry for breast and ovarian cancer. 16th Annual California Cancer Registry Conference, Newport Beach, CA, 2004.
- 22. McEligot AJ, Largent J, Ziogas A, Cohen P and Anton-Culver H.** Is Diet Associated with Overall Survival After Breast Cancer Diagnosis? 11th Annual Faculty Research Poster Session, Irvine, CA 2004.
- 23. McEligot AJ, Wenzel L, Largent J, Ziogas A and Anton-Culver H.** Relationships between dietary intake and complementary and alternative medicine (CAM) use among breast cancer patients. California Association of Regional Cancer Registries and The California Cancer Registry (CARCR), San Francisco, CA 2005.

24. **McEligot AJ.** Production and Research Progress in Region 7/10. California Cancer Registry Technical Conference, Tahoe, NV, 2005.
25. **McEligot AJ,** Farias A, Im T, Habbal R, Anton-Culver H. Weight, Smoking, and Alcohol Use are Associated with 7- year Overall Survival After Breast Cancer Diagnosis. Conference on Community Engagement, CSUF, CA, September 2006.
26. Farias A, **McEligot AJ,** Im T, Habbal T, Anton-Culver, H. Body Mass Index, Weight, Smoking and Alcohol Use are associated with 7- year Overall Survival After Breast Cancer Diagnosis. Cancer Survivorship: Embracing the Future conference, co-sponsored by the National Cancer Institute (NCI), the American Cancer Society (ACS), and the Lance Armstrong Foundation (LAF). Bethesda, MD, October 2006.
27. **McEligot, AJ.,** Mouttapa, M., Ziogas, A., Anton-Culver, A. Vegetable, fruit, fiber and fat intakes, and BMI in women at high-risk for breast and ovarian cancer. American Association for Cancer Research (AACR). Los Angeles, CA, April 2007. Abstracts were published in the proceedings.
28. Brackett, C, Merrill V, **McEligot AJ,** Bock J. Malnutrition rehabilitation and prevention in Rwandan children: Measuring impact and sustainability of a rural intervention. APHA, Washington DC, November 2007.
29. **McEligot, AJ,** Ziogas A, Anton-Culver A. The association between dietary intakes, and circulating folate concentrations with overall survival in women diagnosed with breast cancer. CSUF 50th Anniversary Research Conference. Fullerton, CA, March 2008.
30. **McEligot AJ,** Ziogas, A, Anton-Culver A. Elevated plasma folate concentrations and dietary folate are associated with overall survival after breast cancer diagnosis. Experimental Biology 2008. San Diego, CA, April 2008.
31. **McEligot AJ,** Bone M, Pang K, Lenard P, Ngewa R, Winston S, Tanjasiri S. Behavior and beliefs related to diet in Native Hawaiians in Southern California. Cancer Health Disparities Summit 2008. Bethesda, MD, July 2008.
32. **McEligot AJ,** McMullin J, Pang K, Bone M, Tanjasiri S, Winston S and Ngewa R. Assessing diet, body mass index and other characteristics in Native Hawaiians in Southern California. 2009 AACR Cancer Health Disparities Conference. Carefree, AZ, February 2009.
33. Wallace S, Robertson TP, Mouttapa M, Weiss JW, **McEligot AJ.** Evaluating the effectiveness of the Personal Nutrition Planner: an online intervention aimed at women ages 21-65. Experimental Biology 2009. New Orleans, LA, April 2009.
34. Robertson, TP, Mouttapa M, Wallace S, Weiss JW, **McEligot AJ.** Results of a tailored internet plus e-mail intervention to improve women's food choices. 2009 Food & Nutrition Conference and Expo (FNCE). Denver, CO, October 2009.

35. Mouttapa M, Weiss JW, **McEligot AJ**, Robertson T, Trinh L, Ora A. Dairy Council of California's Personal Nutrition Planner: Results of the online tool among women. The American Public Health Association Annual Conference. Philadelphia, PA, November 2009.
36. **McEligot AJ**, Ziogas A, Anton-Culver A. The association between serum folate and folate sub-species with overall survival after breast cancer diagnosis. Experimental Biology 2010. Anaheim, CA, April 2010.
37. **McEligot AJ**, Alano RE, Johnson SE, McMahan S, Cullin J, Nguyen T, Anozie J. Eating behaviors, fitness and body mass index in a multi-ethnic college-aged population. Experimental Biology 2010. Anaheim, CA, April 2010.
38. Alano R, **McEligot AJ**, Johnson S, McMahan S, Mullapudi L, Sassarini F. The associations between sleep quality and eating patterns in young adults. Experimental Biology 2010. Anaheim, CA, April 2010.
39. Johnson SE, **McEligot AJ**, Cullin J, Alano R, McMahan S, Cunningham, Sandoval N. Information and decision-making regarding food choices by undergraduate students. Experimental Biology 2010. Anaheim, CA, April 2010.
40. **McEligot AJ**, Ziogas A, Anton-Culver A. The association between serum folate and folate sub-species with overall survival after breast cancer diagnosis. University of California Irvine, Annual Medical School Poster Session. Orange, CA, May 2010.
41. **McEligot AJ**, Ziogas A, Anton-Culver A. MTHFR gene polymorphisms are associated with circulating folate and folate sub-species concentrations. Experimental Biology 2011. Washington DC, April 2011.
42. **McEligot, A.J.**, Gonzalez, E., Chandler, L., Tran, N., Pillazar, L. Nutrition, Obesity and Policy in Hispanic Communities. USDA HSI Project Directors Meeting. Washington DC, November 2011.
43. **McEligot, A.J.**, Ziogas, A., Anton-Culver, A. Interactions between XRCC3 polymorphisms and circulating folate concentrations on survival after breast cancer diagnosis. Experimental Biology 2012. San Diego, CA, April 2012.
44. **McEligot, A.J.**, Ziogas, A., Anton-Culver, A. MTHFR gene polymorphisms and circulating folate concentrations are associated with survival after breast cancer diagnosis. Experimental Biology 2012. San Diego, CA, April 2012.
45. Spieckerman, A., & **McEligot, A.J.** Attitudes and Behaviors Related to Locally Grown and Sustainable Foods in a Multiethnic Population. Experimental Biology 2012. San Diego, CA, April 2012.
46. **McEligot, A.J.**, Gonzalez, E., Chandler, L., Tran, N., Pillazar, L. Comidas y Comunidades Saludables (CCS) – Health Foods and Communities. USDA HSI Project Directors Meeting. Edinburg, TX, May 2012.

47. **McEligot, A.J.**, Johnson S.E., Alano, R., McMahan, S. Obesity for the Changing World. Obesity Prevention Symposium. Fullerton, CA, May 2012.
48. Tran, N.A., **McEligot, A.J.**, Steinberg F., Chandler L., Pillazar L. Factors Influencing Undergraduate Students' Intentions to Pursue Careers in Health Sciences. Southern California Public Health Association, November 2012, Pasadena, CA.
49. **McEligot A.J.** & Liu, F. Molecular and Epigenetic Mechanisms of Gender Disparities in early onset melanoma. UCI CFCCC Retreat, Palm Springs, November 2013.
50. Bell, S., **McEligot A.J.**, Chandler, L., Tran, N., Pillazar, L. Cultural Context and Career Choice: Pursuing a Future in Nutrition. CSUF Annual Student Research Presentation, Fullerton, CA, April 2014.
51. Sanchez, S., **McEligot A.J.**, Distefano. Perceived Benefits of Green Exercise. CSUF Annual Student Research Presentation, Fullerton, CA, April 2014.
52. **McEligot, A.J.**, Chandler, L., Tran, N.A., Pillazar, L., Steinberg, F. Cultural context is associated with intent to pursue nutrition careers in a diverse population. Experimental Biology 2014. San Diego, CA, April 2014.
53. Haro, Isidro M, **McEligot A.J.**, Bell S, Chandler L, Gonzalez E, Tran, N, Pillazar L. Multidisciplinary training on obesity, policy and the built environment increases knowledge, community engagement, and partnerships. Agri-science Education for the 21st Century: Diversity, Access, and Success, Miami, FL, November 2014.
54. Diaz M, Washington A, Garcia, A, Liu F, **McEligot AJ.** Establishing Gender Differentiated Cell Lines and Early Onset Melanoma. 2014 Annual Chao Family Comprehensive Cancer Center Scientific Annual Meeting, November 2014, Palm Springs, CA.
55. Diaz M, Washington A, Garcia, A, Liu F, **McEligot AJ.** Establishing Gender Differentiated Cell Lines and Early Onset Melanoma. CSUF UCI-CFCCC Partnerships Research Forum, Orange, CA, January 2015.
56. **McEligot AJ**, Gonzalez E, Chandler L, Bell S, Haro Isidro M, Tran N, Pillazar L & Kaiser L. Obesity and nutrition education, integrating structural factors, increases knowledge and applied learning FASEB J 29:910.3, Experimental Biology, Boston, MA, April 2015.
57. Washington A, Diaz M, Garcia, A, Liu F, **McEligot AJ.** Malignant cutaneous melanoma, culture sources and gender disparities. 2015 CSUF Student Creative Activities and Research Day, Fullerton, CA, April 2015.
58. Arce A, Liu-Smith, F, Farhat AM, Taylor T, Ziogas A, Wang Z, Yourk V, Liu J, Wu J, **McEligot AJ**, Anton-Culver H, and Meyskens FL. Gender Difference in the Association of Melanoma Etiology to UV Exposure. 2015 CSUF Student Creative Activities and Research Day, Fullerton, CA, April 2015.

59. Bell S, **McEligot AJ**, Gonzalez E, Chandler L, Haro Isidro M, Tran N, Pillazar L. Multidisciplinary Training on Obesity, Policy and the Built Environment Increases Knowledge, Community Engagement and Partnerships. 2015 CSUF Student Creative Activities and Research Day, Fullerton, CA, April 2015.
60. Ho`opai U, Pang K, Kazner C, **McEligot AJ**, Delafield R, Kaholokula K. Kaleponi (California) Pili `Ohana – A Partnership for Improving Lifestyle Intervention in Pacific Islanders. 2015 CSUF Student Creative Activities and Research Day, Fullerton, CA, April 2015.
61. **McEligot AJ**, Steinberg F, Kaiser L, Chandler L, Pillazar P. Factors associated with pursuing nutrition careers and increased knowledge in diverse students. 2015 North American Colleges and Teachers of Agriculture Conference, Athens, GA, June 2015.
62. **McEligot AJ**, Behseta S, Cuajungco M & Toga AW. Big Data, Diversity and Research Education. NIH BD2K All-Hands Meeting 2015, Bethesda, MD, November 2015.
63. **McEligot AJ**, Behseta S, Cuajungco M, Toga AW, Mitra S, Chauhan H+. Big Data, Diversity and Research Education Update. BD2K-CA All-Hands Meeting, Santa Rosa, CA, September 2016.
64. Liu-Smith F, Yuan TA, Ziogas A, Taylor T, **McEligot AJ**, Anton-Culver H, Meyskens F. Association of gender and genetic background with melanoma risk. 2016 Annual Chao Family Comprehensive Cancer Center Scientific Annual Meeting, Long Beach, CA, November 2016.
65. Cuajungco MP, Behseta S, Toga AW, Mitra S, Chauhan H+, **McEligot AJ**. Big Data Research and Education Program in a Primarily Undergraduate Institution (PUI). NIH BD2K All-Hands 2016, Washington DC, November 2016.
66. Rusmevichientong P, Navajas E, Jaynes J, Kazemi S, **McEligot AJ**. Mitra S. Factors associated with vending machine snacks choices in young adults. Experimental Biology 2017, Chicago, IL, April 2017.
67. Navajas E, Rusmevichientong P, Jaynes J, Kazemi S, **McEligot AJ**. Mitra S. Factors associated with vending machine snacks choices in young adults. CSUF Student Creative Activities and Research Day, Fullerton, CA, April 2017.
68. Navajas E, Que J, Guzman M, Rusmevichientong P, **McEligot AJ**, & Mitra S. Do diet carbonated soft drinkers have better diet quality? Evidence from WWEIA, NHANES (2005-2012). Californian BD2K Workshop, Huntington Beach, CA, September 2017.
69. Patricio GT, Behseta S, Pogoda J, & **McEligot AJ**. The association of caffeine metabolite AAMU with self-reported depression in NHANES. Californian BD2K Workshop, Huntington Beach, CA, September 2017.
70. Sta. Cruz S, Gonzale S, Behseta S, Pogoda J, and **McEligot AJ**. You are what you eat: Folate and depression. Californian BD2K Workshop, Huntington Beach, CA, September 2017.

71. Parker C, Lee AW, Poynor V, **McEligot AJ**. The Relationship Between Phytoestrogens and Ovarian Cancer Using National Survey Data. Society for Advancement of Chicanos/Hispanics and Native Americans in Science, San Antonio, Texas, October 2018.
72. Lind G, Fisher K. & **McEligot AJ**. Exploring Relationships between Vigorous Physical Activity, and Caffeine, Alcohol and Smoking in a Nationally Representative Sample. Society for Advancement of Chicanos/Hispanics and Native Americans in Science, San Antonio, Hawaii, October 2019.
73. Ngo M, Fisher K, & **McEligot AJ**. The Association between Physical Activity and Metabolic Syndrome in Older Women. Society for Advancement of Chicanos/Hispanics and Native Americans in Science, San Antonio, Hawaii, October 2019.
74. Lee AW, Poynor V, **McEligot AJ**. Urinary phytoestrogen levels are associated with female hormonal cancers in NHANES data from 1999 to 2010. American Association for Public Health Annual Meeting. Philadelphia, PA, November 2019

Journal articles, peer-reviewed – In chronological order

1. **Jaiswal, A.I.**, Dubey, C., Swain, S.L., & Croft, M. (1996). Regulation of CD40-Ligand expression on naïve CD4 cells: role for TCR but not co-stimulatory signals. *International Immunology*, 8(2), 275 – 285.
2. **Jaiswal, A.I.**, & Croft, M. (1997). CD40 ligand induction on T cell subsets by peptide-presenting B cells: implications for development of the primary T and B cell response. *Journal of Immunology*, 159(5), 2282 – 2291.
3. **McEligot, A.J.**, Rock, C.L., Shanks, T.G., Flatt, S.W., Newman, V., Faerber, S., & Pierce, J.P. (1999). Comparison of serum carotenoid responses between women consuming vegetable juice and women consuming raw or cooked vegetables. *Cancer Epidemiology, Biomarkers and Prevention*, 8(3), 227 – 231.
4. **McEligot, A.J.**, Rock, C.L., Flatt, S.W., Newman, V., Faerber, F., & Pierce, J.P. (1999). Plasma carotenoids are biomarkers of long-term high vegetable intake in women with breast cancer. *Journal of Nutrition*, 129, 2258-2263.
5. Rock, C.L., **McEligot, A.J.**, Flatt, S.W., Sobo, E.J., Wilfley, D.E., Jones, V.E., Hollenbach, K.A., & Marx, R.D. (2000). Eating pathology and obesity in women at risk for breast cancer recurrence. *International Journal of Eating Disorders*, 27, 172 – 179.
6. **McEligot, A.J.**, & Rock, C.L. (2000). Carotenoids: biology, function, and action. *Support Line*, 22, 19 – 24.
7. **McEligot, A.J.**, Rock, C.L., Sobo, E.J., & Flatt, S.W. (2000). Food avoidance by women at risk for breast cancer recurrence. *Journal of Cancer Education*, 15, 151 - 155.

8. **McEligot, A.J.**, Gilpin, E.A., Rock, C.L., Newman, V., Hollenbach, K.A., Thomson, C.A., & Pierce, J.P. (2002). High dietary fiber consumption is not associated with adverse gastrointestinal discomfort in a diet intervention trial. *Journal of the American Dietetic Association*, *102*, 549-551.
9. **McEligot, A.J.**, Wenzel, L., Largent, J., Ziogas, A., & Anton-Culver, H. (2004). Factors Associated with Complementary and Alternative Medicine (CAM) Use Among Breast Cancer Patients With and Without a Family History of Breast or Ovarian Cancer. *Journal of Cancer Integrative Medicine*, *2*, 31 - 37.
10. **McEligot, A.J.**, Yang, S., & Meyskens, F.L. (2005). Redox regulation by intrinsic species and extrinsic nutrients in normal and cancer cells. *Annual Reviews in Nutrition*, *25*, 261-95.
11. **McEligot, A.J.**, Rock, C.L., Gilpin, E.A., & Pierce, J.P. (2006). Responsiveness of homocysteine concentrations to food and supplemental folate intakes in smokers and never-smokers enrolled in a diet intervention trial. *Nicotine and Tobacco*, *8*, 57-66.
12. Largent, J., **McEligot, A.J.**, Ziogas, A., Reed, C., Hess, J., Leighton, N., Peel, D., & Anton-Culver, A. (2006). Hypertension, diuretics and breast cancer risk. *Journal of Human Hypertension*, *20*, 727-32.
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19. Mouttapa, M., Robertson, T., **McEligot, A.J.**, Weiss, J.W., Hoolihan, L., Ora, A., Trinh, L. (2011). The Personal Nutrition Planner: An Evaluation of a 5-Week Computer-Tailored Intervention for Women. *Journal of Nutrition Education and Behavior*, *43*, 165 – 172.

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23. **McEligot, A.J.**, Behseta, S., Cuajungco, M., Van Horn. J.D., Toga, A.W. (2015). Wrangling Big Data Through Diversity, Research Education and Partnerships. *California Journal of Health Promotion*, 10, vi-ix.
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25. Canner, J., McEligot, AJ., Pérez, M.E., Qian, L., Zhang, X. Enhancing Diversity in Biomedical Data Science. (2017) *Ethnicity & Disease*, 27(2):107-116. PubMed PMID: 28439180; PubMed Central PMCID: PMC5398168.
26. **McEligot AJ**, Sta. Cruz S, Gonzalez S, Pogoda JM. (2018). The Association between Total Folate Intakes and Depression amongst Three Racial/Ethnic Groups. *Calif J Health Promot.*, 16(1):16-23.
27. Pogoda JM, Patricio G, **McEligot AJ**. (2018). Association between Caffeine Consumption and Depression in NHANES 2009-2010. *Calif J Health Promot.*, 16(1):16-23.
28. **McEligot AJ**, Cuajungco MP, Behseta S, Chandler L, Chauhan H, Mitra S, Rusmevichientong P, Charles S. (2018). Big Data Science Training Program at a Minority Serving Institution: Processes and Initial Outcomes. *Calif J Health Promot.*, 16(1):1-5.
29. Mitra S., **McEligot AJ**. (2018). Can Multimedia Tools Promote Big Data Learning and Knowledge in a Diverse Undergraduate Student Population? *Calif J Health Promot.*, 16(1):54-65.
30. **McEligot AJ**, Mitra S, Beam W. (2020). The association between fitness and obesity in diverse multi-ethnic college students. *J Am Coll Health*. E-pub ahead of print.

Other Publications:

1. Taylor, T.H., Trejo, R., Leach, S., Rowley, K., Bringman, D., Brewster, W.R., & **McEligot, A.J.** (May 2005). Cancer incidence and mortality in Orange County, 1998-2002. Irvine, CA: Cancer Surveillance Program of Orange County/San Diego-Imperial Organization for Cancer Control, Epidemiology Division, UCI.
2. Taylor, T.H., Trejo, R., Leach, S., Rowley, K., Bringman, D., Brewster, W.R., & **McEligot, A.J.** (May 2005). Cancer incidence and mortality in San Diego County, 1998-2002. Irvine, CA: Cancer Surveillance Program of Orange County/San Diego-Imperial Organization for Cancer Control, Epidemiology Division, UCI.
3. Taylor, T.H., Trejo, R., Leach, S., Rowley, K., Bringman, D., Brewster, W.R., & **McEligot, A.J.** (2005) Cancer incidence and mortality in Imperial County, 1998-2002. Irvine, CA: Cancer Surveillance Program of Orange County/San Diego-Imperial Organization for Cancer Control, Epidemiology Division, UCI.
4. Published book chapter: Link, J. (2007). Diet, Exercise, Herbs and Vitamins. In J. Link (Eds.), *The breast cancer survival manual* (pp. 152 – 177). New York, NY: Henry Holt and Company, LLC

PROFESSIONAL ACTIVITY

Services to Professional Societies (Committees, Member)

1999 – 2002	American Cancer Society
2001-2004	Member, Executive Committee, Cancer Genetics Network Center at UCI
2003-2005	Member, Epidemiology Research Unit, California Cancer Registry
2002	Lung and Brain Cancer Focus Group, Mouse Models of Human Cancer Consortium
2002	Participant, Nutrigenomics and Proteomics in Cancer Prevention Symposium
2003-2004	<u>Co-chair</u> , Diet and Physical Activity in a Youth Cohort (LEGACY), Cancer Family Registry (CFR)
2003-2004	<u>Co-chair</u> , Diet and Nutrition Committee, Cancer Family Registry (CFR)
2005	California Association of Regional Cancer Registries & The California Cancer Registry Research meeting (Lead for Research Conference Organizer)
2005	Rapid Case Ascertainment Committee, CCR
2005	Cancer and Survival Monograph Committee (member)
2005	<u>Chair</u> , concurrent session Environment and Cancer, CARCR 2005
2005	Cancer Genetics Research and Prevention Advisory Board (member)
2006	<u>Co-chair</u> , Diet and Nutrition Committee, Legacy
2006	Cancer and Survival Monograph Committee (member)
2006 – present	Member, American Association for Cancer Research (AACR)
1998 – present	Member, American Society for Nutrition (ASN)
1999 – 2001, 2008-	Member, Society for Epidemiologic Research

2010 Professional Development Workshop, National Institute of Health (NIH)
2010 – Director, Center for Cancer Disparities Research
2010 - 2014 Appointed Representative, CSUF for CSU Program for Education and Research in Biotechnology (CSUPERB)
2010 - 2013 Appointed Member, American Society for Nutrition, Minority Affairs Committee
2013 - Member, California Hispanic Serving Institutions Collaborative
2015 - 2016 Member, North American Colleges and Teachers of Agriculture
2014 - 2017 Member, UCI Chao Family Comprehensive Cancer Center

OTHER SERVICE

Journals (reviewer) British Medical Journal
Clinica Chemica Acta
Chronic Disease Prevention
Breast Cancer Research and Treatment
California Journal of Health Promotion, 2012
British Journal of Cancer, 2013
Journal of Nutrition, 2014
California Journal of Health Promotion, 2014
Journal of Perinatology, 2015
Nutrition and Cancer, 2015
California Journal of Health Promotion, 2018

Grant Reviewer: 2009 Susan G. Komen Foundation Community Grants Reviewer
2010 Susan G. Komen Foundation Community Grants Reviewer
2010 Mock Review Panel Lead/Participant for NIH, CRCHD
2012 CSUPERB
2012 USDA Higher Education Challenge Grants
2016 Data Science Rotation for Advancing Discovery Trip - program
2017 NIH SCORE grant reviewer
2019 NIH Behavioral Health grant reviewer

MAC Reviewer 2014 ASN MAC Minority Affairs Student Poster Competition
2014 ASN MAC Minority Affairs Student Oral Presentation Reviewer

UNIVERSITY AND PUBLIC SERVICE

Department

2002 – 2005 Chair, Distinguished Speaker Series, Epidemiology Division, UCI
2006 – present Member, Health Science Faculty Advisory Board member
2006 – present Chair, “Surveillance” Colloquium
2007 – 2008 Member, Faculty Search Committee
2007 – 2008 Member, SOQ committee
2006 – 2007 Member, MPH Admissions Committee
2010 Faculty Advisor, Spring Awards Symposium
2010 - 2018 Member, Undergraduate Committee

2012 – 2013	Member, HESC Lecturer Search
2013 -	Lead, Nutrition Concentration/Curricula
2013 - 2014	Chair, HESC Lecturer Search
2015	Member, MPH Graduation Ceremony
2015	Member, MPH Comprehensive Exam
2015 – 2016	Chair, HESC Public Health Nutrition Search
2015 – 2016	Chair, HESC Program Planning and Evaluation Search
2016 - 2017	Member, Department Personnel Committee
2018 – present	Member, Graduate Committee

College

2006 – 2008	Member, Technology Committee
Spring 2008	Presented at OLU for online teaching
2008 – 2010	Member, Dean’s Advisory Board
2008 – 2009	Member, Faculty Awards Committee
2008 -	Member, HPRI
2008 – 2009	Member, HPRI Director Search Committee
2008 – 2011	Member, HPRI Steering Committee
2010 – 2011	Member, HPRI Director Search Committee
2013	HHD Intramural Grants reviewer
2015	Member, Commencement Committee
2017 – present	Member, HHD Research Committee

University

2006 – 2011	Advisory Board Member, Fibromyalgia Research and Educational Center
2006 – 2010	Member, Center for Health Disparities Research
2007 – 2008	Member, Information Technology Committee
2007 – 2012	Eta Sigma Gamma
2008 – 2011	Asian American and Pacific Islander Faculty and Staff Association (AAPSIFSA)
2010 – 2011	Member, E-learning Consortium
2008	Member, lead for Nutrition Roundtable, Health Promotion Research Institute
2009 - 2012	Member, Student Health Advisory Committee (SHAC)
2010 –	Director, Center for Cancer Disparities Research
2010 - 2013	Appointed Representative, CSUF for CSUPERB
2011	Advisor for first Farmers’ Market at CSUF
2013 -	Advisory Committee, BRAD
2015 - 2017	Faculty Club Advisor, Colleges Against Cancer <ul style="list-style-type: none">• In partnership with the American Cancer Society, the club raises cancer awareness via several major events including monthly tabling on TITAN Walk, and several activities leading to their main event, Relay for Life – a 24hr walk on the CSUF campus raising proceeds for cancer research and awareness.

- In 2016, the CSUF Relay for Life included 285 participants, 22 teams and raised nearly \$15,000 for ACS.

Community Service

- Invited guest speaker, American Association of University Women
- Race for the Cure, Susan Komen Foundation
- PICCN Awards and Recognition Banquet
- Invited speaker American Cancer Society
- WINCART kick-off meeting and follow-up meeting with community members regarding diet and nutrition
- Service to School Newspaper on five stories related to Diet/Nutrition
- Service to Titan Communications Television on Sports Drinks
- Service to Experts Speak related to Diet and Survival after Breast Cancer
- Family Circle Magazine Interview
- Titan newspaper interviews
- Nutrition and Health Initiative with Ainahua Civic Club
- Advisory Board WINCART
- Building Successful Partnerships Workshop, 2012
- Obesity, Diet and Physical Activity in Native Hawaiians, PIHP 2013
- Nutrition and Childhood Obesity Prevention, Latino Health Access, 2013
- Experiential Learning mentor for students and liason, Latino Health Access, 2015
- Experiential Learning mentor for students and liason, St. Jude Medical Center, 2015

Major conferences developed at the University Level

May 2007

Co-chair, Nutrition and Wellness: Research Grant Workshop. As part of the Mission and Goals Initiative, this model workshop was one of the first workshops/conferences at CSUF to bring together researchers/academics from various fields including, biology, biochemistry, behavioral sciences, epidemiology and others to focus and discuss the multidisciplinary field of nutrition research. Researchers from several institutions, from USC to Loma Linda, attended the conference. The goal of this meeting was to explore collaborations between the various disciplines of nutrition and begin discussions on possible grant proposals. In addition, this was an opportunity for researchers to increase their knowledge on developing a fundable research proposal, as well as, increasing their awareness about funding mechanisms at the National Institutes of Health (NIH). The two keynote speakers were Donna Spruijt-Metz from the University of Southern California, whose research expertise is in pediatric obesity prevention and Sarah Korbin from NIH, who is currently a Program Director in the National Cancer Institute's Applied Cancer Screening Research Branch. She directs the Behavioral Research Projects related to "Health Behavior Constructs: Theory, Measurement, and Research". We received very positive feedback for both conferences.

January 2008

Teaching and Technology Showcase 2008. As part of the CHHD Technology Committee, we spear-headed under the direction of Ellen Junn a technology workshop that featured speakers from different colleges at CSUF. Topics included web conferencing, online class design, pod-casting and clicker technology. I chaired two of the sessions and assisted with developing workshop ideas and implementing them.

Research Education and Curricula Program Development:

NUTRITION FOR A CHANGING WORLD (NCW):

HESC 470: Nutrition, Obesity and Social Context, Fall 2012 - present

- This will be a team-taught course integrating multiple fields to understand and combat childhood obesity and examine the many contributing factors in the continuum from individual to community and larger population groups.
- Congruent with social contextual theory, the course will provide students an understanding of the social, environmental and policy framework that influences childhood and adult obesity, particularly in the diverse immigrant population.
- The course is divided into four modules. The first explores the physiologic and biologic aspects of childhood obesity and nutrition across the youth lifespan from early childhood to adolescence. The second and third modules are specific to Hispanic and Pacific Islander childhood obesity issues. The last module reviews effective intervention strategies, including physical activity and nutrition at the community, institutional, school and public policy levels.

Intensive One-Week Seminar: Nutrition Research and Career Opportunities, Fall 2012

- In collaboration with UC Davis, a one-week intensive seminar was developed for CSUF students, staff and faculty.
- Areas discussed include: Latest research in childhood obesity and health in diverse populations; Current research and projects in nutrition, foods, and agriculture at UC Davis.
- Career opportunities in food, nutrition, cooperative extension, health fields, and agricultural-related sciences; Graduate opportunities in food, nutrition, and agricultural-related sciences.
- Linkages between the UC and CSU systems and opportunities for future collaborations in education and training and research projects.
- Potential participating UC Davis faculty include Francene Steinberg, Ph.D., R.D. (interventions to reduce risk of chronic disease; biologic effects of food bioactive compounds; dietetic education); Lucia Kaiser, Ph.D., R.D. (early childhood nutrition and acculturation in the Hispanic population; community nutrition interventions in diverse populations; nutrition education and strategies to decrease diabetes risk); Sheri Zidenberg-Cherr, Ph.D. (nutrition education for youth and adults; development and evaluation of food system and nutrition-based curriculum in the schools); Carl Keen, Ph.D. (developmental nutrition; mineral metabolism; diet and cardiovascular disease risk reduction); Christine Stewart, Ph.D. (epidemiology; maternal and child

nutrition in low-income populations and developing countries; fetal origins of chronic disease); Jane Heinig, Ph.D. (maternal and child nutrition; feeding and behavioral strategies to reduce childhood obesity in WIC program participants); and Kevin Laugero, Ph.D. (the role of psychosocial stress in the development of obesity and body weight regulation).

COMIDAS Y COMUNIDADES SALUDABLES (CCS):

HESC/CHIC 471: Obesity, Policy and Hispanic Communities, Spring 2013 - present

- The course is divided into three modules. The first explores the physiologic and biologic determinants of diseases influencing Hispanic health as it relates to nutrition and obesity.
- The second explores Hispanic Health and the role of social, built and service environments as determinants to childhood obesity.
- The third reviews a continuum of effective intervention strategies, ranging from physical activity and nutrition targeting individuals and families at the home and school to those concerned with the role of grassroots organizations, universities, health foundations, and federal initiatives in the development and implementation of culturally and neighborhood appropriate policy campaigns.
- The course also included community-based partners. Latino Health Access, a well-recognized community based organization locally will provide guest lectures (that will be video recorded) for this portion of the module.
- To strengthen students' health policy foundation and competencies, students were encouraged to enroll in elective policy courses.

Workforce Development Seminar Series (WDSS), Fall 2013

- To prepare students to assume leadership roles in careers combating childhood obesity and promoting nutrition among Hispanic immigrants, WDP will leverage CSUF's Student Leadership Institute to create a Workforce Development Seminar Series.
- Students engaged in workshops in such topics as introduction to leadership, ethical decision making, leading and managing a diverse group, communication styles, teamwork and collaboration, time management, and vision and goal setting.
- To integrate their new knowledge with USDA-related careers, WDP required them to take two supplemental workshops, in USDA careers and understanding the USDA and opportunities within, taught by the USDA-HSI regional officer.

** NCW and CCS curricula, as well as overall program activities/objectives resulted in hiring of three HESC faculty with nutrition-related expertise, and the curricula as described above also contributed to the development of a Food Studies Minor on campus.

BIG DATA DISCOVER AND DIVERSITY

- BD3-REAP Student Research Experiences: Engage three consecutive cohorts (n = 6 per year) of predominantly underrepresented sophomore and junior undergraduates (≥ 18 yrs, 9 females and 9 males) in a 2-year faculty mentored, yet student-led BDs research

experience on examining and synthesizing Big Data neuroimaging, genetics, proteomics, and epidemiologic data types/data sources in relation to brain health.

- BD3-REAP Faculty Research Experiences: The BD3-REAP core faculty (n = 4) will augment their BDs research experience via partnering with USC faculty and accessing neuroimaging, epidemiologic and -omics data, addressing multivariate facets of brain health. Subsequent faculty cohorts (n = 3 per year) in Years 3 – 5 will participate in research workshops integrating BDs analytics and visualization in their research.
- BD3-REAP Curriculum Development: BDs curricula will be integrated across two colleges (NSM and HHD), specifically into existing courses, which will expose a pool of undergraduate students to introductory BDs competencies. In addition, a new Big Data and Health Science (HESC 360) course will be established that explores: (a) an overview of brain health, neuroimaging and respective literature critique; (b) an understanding of next generation Big Data workflow technologies coupled with modern computation and communication strategies specifically designed for large-scale biomedical datasets; and (c) further develop a knowledge discovery interface to enable modeling, visualizing, and the interactive exploration of large-scale imaging data. HESC 360: Big Data and Health Science, Spring 2015

OTHER TEACHING & PROGRAM DEVELOPMENT ACTIVITIES

At California State University, Fullerton:

HESC/KNES 350, Nutrition, Fall 2006

- Content included introductory and advanced nutrition topics such as macro and micronutrients, digestion/absorption, supplement use, nutrition during physical activity, pregnancy and in the elderly population.
- Constructed the syllabus, including goals for the course
- Organized all lecturers and presented them
- Developed, proctored and graded the exams
- Assigned and reported final grades to the department

HESC/KNES 350-WEB, Nutrition, Spring 2007 – present

- Constructed a nutrition course on-line using Blackboard methodology.
- Developed new discussion boards and activities appropriate for a WEB based course
- Content included introductory and advanced nutrition topics such as macro and micronutrients, digestion/absorption, supplement use, nutrition during physical activity, pregnancy and in the elderly population.
- Constructed the syllabus, including goals for the course
- Organized all lecturers and presented them
- Developed, proctored and graded the exams
- Assigned and reported final grades to the department

HESC 101-WEB, Personal Health, Spring 2007

- Content included various topics in health, such as stress, cardiovascular health and cancer, immunity, nutrition, pregnancy and childbirth, etc...
- Functioned as course director/web-developer using Blackboard,
- Constructed the syllabus, including goals for the course
- Organized all lecturers and presented them
- Developed, proctored and graded the exams
- Assigned and reported final grades to the department

HESC/PUBH 401-WEB, Epidemiology, Fall 2008 – present

- Constructed a epidemiology course on-line using Blackboard methodology.
- Developed new discussion boards and activities appropriate for a WEB based course
- Content included determinants and distribution of diseases, study design, calculating odds ratio and relative risk and steps for investigating disease outbreaks.
- Constructed the syllabus, including goals for the course
- Organized all lecturers and presented them
- Developed and graded the exams
- Assigned and reported final grades to the department

Conferences and colloquia at CSUF:

1. **McEligot AJ.** Nutritional Epidemiology Curriculum and Research. MPH Cohort Introductory Meeting. Fullerton, CA, October, 2006.
2. **McEligot, AJ.** Surveillance research. MPH Spring Colloquia. Fullerton, CA April 2007
3. **McEligot AJ.** Nutritional Epidemiology. Chinese Delegation. CSUF, January 25th, 2007.
4. **McEligot AJ.** Nutritional Epidemiology Curriculum and Research. MPH Cohort Introductory Meeting. Fullerton, CA, October, 2007.
5. **McEligot AJ.** Educational conference on state-of-the-art dietary assessment using the Nutritional Data System for Research (NDSR) Software. CSUF, September 2008. In collaboration with the University of Minnesota, I provided a two-hour educational lecture to CSUF undergraduate and graduate students, and staff on dietary assessments, specifically on using the NDSR software which is considered the “gold-standard” in dietary assessment methodology. Fullerton, CA, September 17th, 2008.
6. **McEligot AJ.** I attended a two-day training workshop for the NDSR software. I received intensive training in learning the NDSR database structure, entering and editing data in NDSR and enhancing dietary interviewing skills. Fullerton, CA, September 17 – 18th, 2007.
7. **McEligot AJ, Jones J., Weiss J.** The Mission and Goals Initiative on *Promoting the Health of Faculty, Staff, Students and the Community*, was extremely successful. The M & G Initiative was comprised of two workshops. The first educational workshop targeted students and community members in order to broaden and inform on the multidisciplinary field of nutrition. The conference overviewed the relationship between nutrition, obesity and disease, particularly cancer outcomes. The keynote address was Dr. Cheryl Rock, a renowned nutritional scientist who has published nearly 150 peer-reviewed articles and has received over 10 million in external funding. Two additional speakers, one from UCLA and the other from CSUF discussed biological and behavioral aspects of nutrition. The true success of the conference was reflected by the fact that not only did CSUF students attend, but also several CSUF students (from Eta Sigma Gamma) helped with organizing the conference. Nearly 120 students and community members attended the conference. Dr. McEligot, the chair of the conference was recognized by Eta Sigma Gamma for involving students in the development and organization of this workshop. Fullerton, CA, April 18th 2008 & May 19th 2008.
8. Teaching and Learning Academy (TLAC) certificate program. Attended:
 - a. *Camtasia: Create Podcasts...*, February 26th, 2008
 - b. *Designing and Developing Grading Rubrics*, May 2nd, 2008
 - c. *Set Up Interactive Live Chat Sessions Using Ilic*, September 8th, 2008
9. Attended the following workshop: *Supporting Teaching Excellence: Maintaining Integrity in the Classroom*. Fall 2008.
10. Fibromyalgia Assessment, Management, and Education (FAME). Developed an innovative web-based educational module on the relationship between Fibromyalgia and Nutrition. Fullerton, CA, Fall 2007 and Spring 2008.
 - Conducted extensive research on Fibromyalgia and nutrition
 - Developed Powerpoint slides on the topic
 - Videotaped the module to be presented on the internet
11. **McEligot AJ, McMullin J. (UCR) and Pang, K. CA/NV Public Health Training Center.** Understanding the Cultural Context of Nutrition and Physical Activity in Pacific Islanders. Topics and activities included:

- Health conditions of Pacific Islanders, specifically Native Hawaiians in California.
 - The latest research in diet and lifestyle interventions in Native Hawaiians will be presented.
 - Participation and engaging with community members on understanding nutrition and physical activity in Native Hawaiians.
 - Cultural context on barriers and successful strategies related to understanding and improving Native Hawaiian nutrition and physical activity will be explored.
- 12. McEligot AJ, Chandler L, Steinberg F. Nutrition for a Changing World Symposium in Joint Collaboration with UC Davis. Developed a two-day intensive conference on biosocial factors associated with nutrition and childhood obesity. September 2012**
- 13. McEligot AJ. Nutritional Epidemiology. Chinese Delegation. CSUF, 2014.**
- 14. McEligot AJ. Nutrition for Optimal Health, HRDI, CSUF 2015**

TABLE 1: STUDENT MENTORSHIP (SELECTED LISTING)

Student name	Student & Faculty Role	Thesis/Project/Training topic
1. Ruth Peters-Pak	MPH student/graduate assistant	Conducted research, literature review and data analyses
2. Wendy Altimaro	MPH student: Thesis committee member	Feeding preschool age children: A mother's decision making study
3. Christine Brackett	MPH student: Thesis committee member	Strengths and weaknesses of the positive deviance/hearth nutrition intervention in Rwanda
4. Jacqueline Gilberto	MTPPCR student: Practicum chair	Research on dietary intakes in a prostate screening study in Lebanon
5. Albert Farias	MTPCCR student: Thesis committee co-chair	Diet and breast cancer risk: analysis of women with a family history for carcinoma of the breast
6. Angela O'Kelley	Undergraduate student/Research activities	Conducted research, including data entry and preparation of data dictionary.
7. Marie Kalmantis	MPH student:/GA	Assisted with research activities and planning of colloquia.
8. Robert Curtis	MPH student: Thesis committee member	Food safety knowledge
9. Patricia Lenard	MPH student/research on NIH grant	Project manager for study on psychosocial factors and food choices in Native Hawaiians
10. Rebekah Ngewa	MPH student: Thesis chair	Stages of change and dietary intakes in Native Hawaiians
11. Shauna Winston	Undergraduate student/Program Coordinator	Dietary assessment in Native Hawaiians in Southern California
12. Katie Zeoli	MPH student/GA: Thesis committee chair	Diet, biomarkers and behavior factors of elders in Kenya
13. Caroline Castillo	MPH student: Project chair	Development of a brochure on nutrition education in middle school Hispanic children
14. Huong Dang	MPH student/Graduate Assistant	Conducted research, literature review and assisted in manuscript preparation
15. Tiffany Price	MPH student/Graduate	Conducted literature review and assisted with

	Assistant	interviews of participants
16. Ryan Alano	Chair, Thesis MPH student/Graduate Assistant	Conducted literature review, manuscript preparation and course development
17. Chidi Onyekwere	Undergraduate/Independent Study and McNair Scholar	Body mass index and weight gain in college Freshmen
18. Linda Trinh	MPH student/ Thesis Committee Member	The effect of an online nutrition intervention on fruit and vegetable intake in women
19. Lauren Wyluda	Undergraduate/Research Assistant	Research assistant for Culture, Nutrition and Sleep Study
20. Fiorella Sassarini	Undergraduate/Research Assistant	Research assistant for Culture, Nutrition and Sleep Study
21. Nicole Sandoval	Undergraduate/Research Assistant	Research assistant for Culture, Nutrition and Sleep Study
22. Tina Nguyen	Undergraduate/Independent Study	Dietary patterns in Asian-American Females
23. Somya Mullapudi	Research Assistant, graduate student	Literature search, data entry, data verification, manuscript preparation
24. Janet Omatayo	MPH Student: Independent study	Literature review, assisting with data entry and developing code books for various research questionnaires
25. Jennifer Cullin	Graduate Student/Research Assistant	Data collection, entry, data cleaning for Culture, Nutrition and Sleep study
26. Danica Peterson	MPH student: Thesis Chair	Influence on childhood family meals on diet
27. Alisa Spieckerman	MPH student: Project Chair	Pilot testing a Farmers Market on Campus
28. Melinda Verissimo	MPH student: Project Chair	Assessing the relationship between nutrition and stress in college students
29. Adriana Reza	Undergraduate/CCS Program	Built Environment in Latino Communities
30. Yansi Perez	Undergraduate/CCS Program	Nutrition Community Education in Hispanic Communities via Latino Health Access
31. Ashley Hernandez	Undergraduate/CCS	Educational Leadership via HACU

	Program	
32. Karina Garcia	Undergraduate/CCS Program	Nutrition Education and Health of youth in underserved communities
33. Edgar Sanchez	Undergraduate/CCS Program	Santa Ana Healthy Building Communities Project
34. Lizette Martinez	MPH student: Project Chair	Use of a website as an educational resource: Understanding the needs of an underserved population for childhood obesity and nutrition
35. Lynanna Pillazar	MPH student: Project Chair	Utilizing social media for career development
36. Severiano Sanchez	MPH student: Project Chair	Perceived Benefits of Active Green Exercisers in South Orange County
37. Sean Bell	MPH student: Project Chair	Multidisciplinary training on obesity, policy and the built environment increases knowledge for a diverse future work force
38. Mercedes Isidro	MPH student/GA	Assessing metabolic syndrome in diverse students and other research projects
39. Ualani Ho'opai	MPH student: Project Chair	Kaleponi (California) PILI' Ohana, a weight loss and maintenance intervention for Native Hawaiians and Pacific Islanders on the Continental US
40. Anthony Arce	MPH student: Project Chair	Melanoma gender disparities and risk factors in a diverse population
41. Melissa Diaz	Undergraduate student/Research Assistant	Establishing gender differentiated cell lines and early onset melanoma
42. Ashley Washington	Undergraduate student/Research Assistant	Establishing gender differentiated cell lines and early onset melanoma
43. Harman Chauhan	MPH student/Sally Casanova Scholar-MPH Project Director	Various research topics on Big Data science, including training in various platforms such as LONI pipeline
44. Jennifer Nguyen	MPH student/GA	Career pathways in Big Data science
45. Sylvia Orozco	Undergraduate/BD3 Scholar – cohort 1	Programming and Study Design Training, R & Python
46. Shaina Sta Cruz	Undergraduate/BD3 Scholar – cohort 1	Folate and Depression: NHANES data

47. Stephen Gonzalez	Undergraduate/BD3 Scholar – cohort 1	Folate and Depression in a large, open-source dataset: NHANES
48. Amber Cornelious	Undergraduate/BD3 Scholar – cohort 1	Research Methods in Big Data Science
49. Galilea T. Patricio	Undergraduate/BD3 Scholar – cohort 1	Caffeine Consumption and Depression
50. Jonathon Chacon	Undergraduate/BD3 Scholar – cohort 1	Oversight on Big Data Training: Study Design and Research Methods
51. Nayeli Benitez	Undergraduate/BD3 Scholar – cohort 2	Research Methodology Training in Big Data Science
52. Cydney Parker	Undergraduate/BD3 Scholar – cohort 2	Phytoestrogen and Ovarian Cancer
53. Alex Aguilar	Undergraduate/BD3 Scholar – cohort 2	Research Methodology Training in Big Data Science
54. Mimi Ngo	Undergraduate/BD3 Scholar – cohort 3	Physical Activity and Obesity in NHANES
55. Gwen Lind	Undergraduate/BD3 Scholar – cohort 3	Caffeine Use, Smoking and Other Risky Behaviors
56. Alyssa Bright	Undergraduate/BD3 Scholar – cohort 3	Blood Pressure and Physical Activity in Asian Americans
57. Elizabeth Marquez	MPH student	Obesity and Fitness in Pacific Islander young adults
58. Alex Aguilar	Undergraduate/BD3 Scholar – cohort 2	Research Methodology Training in Big Data Science

At the University of California, Irvine:

- **Epidemiology and Biostatistics for medical students, Spring 2005, Fall 2003**
 - Content included epidemiological study design, biostatistics, review of manuscripts, and critically reviewing research methods in the current literature. Specific content areas include cancer, nutrition and chronic disease epidemiology
 - Functioned as course director, contributed 80% effort to the course
 - Constructed the syllabus, including goals from the course
 - Organized other lecturers, conducted half the lectures
 - Developed, proctored and graded the exams
 - Assigned and reported final grades to the department
 - All courses were available and posted on a website
 - Currently in the process of converting course to an on-line course

- **Environmental Health Sciences III, Winter 2005, Fall 2002, Spring 2002**
 - Co-Lectured and lead discussions with graduate students in Environmental Health Sciences; involved 25% effort for overall course
 - Content included epidemiological study design and specific content area was in nutrition and cancer epidemiology
 - Facilitated student presentations and discussions on peer-reviewed journal articles
Discussed and critiqued research methods of the study
 - Assisted with developing exam questions and grading of student presentations.

- **Faculty Forums, Fall 2002, Winter 2003**
 - Facilitated discussion with undergraduates with undecided majors
 - Discussed the field of nutrition and cancer epidemiology
 - Presented various degrees and options available at UCI to students
 - Presented resources available on campus for students
 - Advised on academic and career options at UCI

- **Epidemiology and Biostatistics, Special Topics, Spring 2004**
 - Co-Lectured and lead discussions with medical fellows in Epidemiology and Biostatistics; involved 25% effort for overall course
 - Content included epidemiological study design and specific content area was in nutrition and cancer epidemiology
 - Assisted with developing exam questions and grading of student presentations

- **Cancer Epidemiology, Spring 2003**
 - Facilitated discussions and lectured to graduate students
 - Content included nutrition, nutritional epidemiology and research methods in nutritional epidemiology; involved 25% for overall course
 - Assisted with developing the course, reviewing the syllabus
 - Worked with students on their presentations, reviewing recent manuscripts in the field on nutrition and cancer epidemiology

- Assisted with developing exam questions and grading of student assignments and presentations

At San Diego State University

- **International Health, Fall 1997, Fall 1998**

- The course comprised of 30 undergraduate students from diverse multicultural backgrounds. Most majored in Community Health and Education
- Responsible for entire course: Developed the syllabus, all the lectures, assignments and exams for the course
- Facilitated lively discussions in topics such as the role of the female in developing countries, complementary and alternative medicine, clean water, and other pertinent issues in International Health
- Facilitated group activities and debates during lectures
- Graded student papers, exams and assigned final grades

At the University of California, San Diego

- **Contemporary Issues, Summer Bridge Program, Summer 1990, 91, 92 and 93**

- Facilitated discussions with incoming freshman students from multicultural/diverse backgrounds
- Topics of discussion included contemporary writing of various authors in education
- Reviewed students papers and provided direction in improvement in writing
- Discussed the challenges of transitioning from high school to the university
- Assigned and reported final grades
- During the later three years, I facilitated discussions in study management, including stress management, time management and other study management skills for ensuring success during their academic careers

Other Teaching Activities at UCI and UCSD

- Advised and directed graduate students in the field of nutrition and cancer epidemiology, including areas of research in the field, appropriate course work, reviewing pertinent literature in the field, assisting in selecting appropriate methods for their research
- Advised research fellows in nutritional epidemiology methodology including selecting the appropriate dietary instrument, methodology relating to study design, questionnaire design and data analysis
- Writing/Study Management Facilitator, one-on-one or small group sessions with undergraduates on improving time management, study skills, memory, and notetaking.
- Grand Rounds for Medical Students