

## Portfolio Vitae

Archana Jaiswal McEligot, PhD  
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### EDUCATION

PhD, Public Health (Epidemiology): December 2001  
Joint doctoral program in public health (epidemiology), San Diego  
State University & University of California, San Diego.

MS, Biology: June 1995  
University of California, San Diego

BS, Biochemistry and Cell Biology: June 1994  
University of California, San Diego

### ACADEMIC APPOINTMENTS

2006 – Present      Associate Professor, Department of Health Science, California State  
University Fullerton

2002 – 2006      Assistant Professor, Division of Epidemiology, Department of Medicine,  
University of California, Irvine

### NON-ACADEMIC APPOINTMENTS

1996 – 2001      Research Associate, University of California, San Diego, Cancer Center, San  
Diego, CA

1997 – 1998      Teaching Associate for International Health, San Diego State University, San  
Diego, CA

1993 – 1996      Research Associate, University of California, San Diego, Cancer Center, San  
Diego, CA

1993 – 1994, 95-96      Smoking Cessation Counselor, University of California, San Diego, Cancer  
Prevention and Control, San Diego, CA

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

## **SCHOLARLY ACTIVITY**

### **Awards and Recognitions**

1990	Provost Honors
1991	Provost Honors
1993	Provost Honors
2000	Society for Epidemiologic Research, Students Workshop
2006	Marquis Who's Who
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

### **Contracts and grants:**

#### ***Extramural funding:***

08/15/11 – 08/14/14	<u>Principle Investigator</u> . Increasing Workforce Diversity: Training Hispanic Students to Address Childhood Obesity and Nutrition, USDA/NIFA. \$277,500
08/15/11 – 08/14/13	<u>Principle Investigator</u> . Childhood Obesity and Nutrition Curriculum for a Changing Population. USDA/NIFA, \$280,343
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	<u>Project leader</u> . Behavior and beliefs related to diet in Native Hawaiians in Southern California. NIH/NCI, \$71,872
04/10/07 – 3/31/09	<u>Co-Investigator/Lead project director for nutritional assessments</u> . Physical activity and nutrition among Pacific Islander youth: an exploratory study. NIH/NCI, \$353,327
07/01/04 – 06/29/05	<u>Principal Investigator</u> . 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	<u>Principal Investigator</u> . 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

***Intramural funding:***

- 04/1/11 – 06/30/12 Principle 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-Principle 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/ Principle 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

**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).

**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. 12<sup>th</sup> 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 33<sup>rd</sup> 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. 10<sup>th</sup> 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. 16<sup>th</sup> 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. 16<sup>th</sup> 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? 11<sup>th</sup> 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 50<sup>th</sup> 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

### **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.
13. **McEligot, A.J.**, Largent, J., Ziogas, A., Peel, D., & Anton-Culver, H. (2006). Dietary intake is associated with overall survival after breast cancer diagnosis. *Nutrition and Cancer*, 55, 132-40.
14. Zell, J.A., **McEligot, A.J.**, Ziogas, A., Holcombe, R.F., Anton-Culver, H. (2007). Differential effects of wine consumption on colorectal cancer outcomes based on family history of the disease. *Nutrition and Cancer*, 59, 36-45.
15. **McEligot, A.J.**, Im, T., Dillman, R.O., West, J.G., Salem, R., Haque, R., Anton-Culver, H. (2008). Abstracting height and weight from medical records, and breast cancer pathologic factors. *Cancer Causes Control*, 19, 1217 - 26.
16. **McEligot, A.J.**, Mouttapa, M., Ziogas, A., Anton-Culver, H. (2009). Diet and predictors of dietary intakes in women with family history of breast and/or ovarian cancer. *Cancer Epidemiology*, 33, 419-23.
17. **McEligot, A.J.**, McMullin, J., Pang, K., Bone, M., Winston, S., Ngewa, R., Tanjasiri, S. (2010). Diet, psychosocial factors related to diet and exercise, and cardiometabolic conditions in Southern Californian Native Hawaiians, *Hawai'i Medical Journal*, 69(2), 16 – 21.
18. McMullin, J., Bone, M., Pang, K., **McEligot, A.J.** (2010). Community Voices: Perspectives on Cultural Values and Community Based Participatory Research on a Nutrition and Cancer Prevention Study. *California Journal of Health Promotion*, 8, 52 – 62.
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.
20. Moy, K., Salis J., Trinidad, D., Ice C.L., **McEligot, A.J.** (2012). Health Behaviors of Native Hawaiian and Pacific Islander Adults in California. *Asia-Pacific Journal of Public Health*, April, E-pub ahead.
21. Wiersma, L., Tanjasiri, S., Moy, K., **McEligot, A.J.** Physical activity and nutrition among Pacific Islander youth: An exploratory study. *International Journal of Prevention, Practice, and Research*, in press.

22. **McEligot, A.J.**, McMullin, J., Pang, K., Bone, M., Winston, S., Ngewa, R., Tanjasiri, S. Macro and micronutrient intakes and cultural health behaviors in Native Hawaiians in Southern California. *Hawai'i Medical Journal*, *in press*.
23. **McEligot, A.J.**, Ziogas, A., Pfeiffer, C.M., Fazili, Z., Anton-Culver, H. The association between circulating total folate and folate vitamers with overall survival after breast cancer diagnosis. *Cancer Epi Biomarkers Prev*, under review at CDC internal offices for submission.
24. **McEligot, A.J.**, Ziogas, A., Pfeiffer, C.M., Fazili, Z., Anton-Culver, H. Folate and DNA repair gene interactions on breast cancer outcomes. *Cancer Epi Biomarkers Prev*, In preparation.

### **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, Nutritional Genomics 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 –	<u>Director</u> , Center for Cancer Disparities Research
2010 -	<u>Appointed Representative</u> , CSUF for CSUPERB
2010 -	<u>Appointed Member</u> , American Society for Nutrition, Minority Affairs Committee

### **OTHER SERVICE**

Journals (reviewer)	British Medical Journal Clinica Chemica Acta Chronic Disease Prevention Breast Cancer Research and Treatment
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

### **UNIVERSITY AND PUBLIC SERVICE**

#### **Department**

2002 – 2005	Chair, Distinguished Speaker Series Committee, 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 -	Member, Undergraduate Committee

#### **College**

2006 – 2008	Member, Technology Committee
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Spring 2008	Presented at OLU for online teaching
2008 – 2010	Member, Dean’s Advisory Board
2008 – 2009	Member, Faculty Awards Committee
2008 – 2009	Member, HPRI Director Search Committee
2008 – present	Member, HPRI Steering Committee
2010 – 2011	Member, HPRI Director Search Committee

### **University**

2006 – present	Advisory Board Member, Fibromyalgia Research and Educational Center
2006 – present	Member, Center for Health Disparities Research
2006 – present	Member, Student Health Advisory Committee
2007 – 2008	Member, Information Technology Committee
2007 – present	Member, Asian American and Pacific Islander Faculty and Staff Association
2007 – present	Eta Sigma Gamma
2008 – present	Asian American and Pacific Islander Faculty and Staff Association (AAPSIFSA)
2010 – present	Member, E-learning Consortium
2008 – present	Member, lead for Nutrition Roundtable, Health Promotion Research Institute
2009 -	Member, Student Health Advisory Committee (SHAC)
2010 –	Director, Center for Cancer Disparities Research
2010 -	Appointed Representative, CSUF for CSUPERB
2011	Advisor for first Farmers’ Market at CSUF

### **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.

### **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 Ainhua Civic Club
- Advisory Board WINCART

## **TEACHING**

### **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 – Spring 2011**

- 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 420, Chronic Disease Epidemiology, Fall 2007**

- Content included the distribution, epidemiology and determinants of major chronic diseases, including heart disease, cancer and diabetes
- Developed this new course, including new course proposal and revisions of proposal
- Constructed the syllabus, including goals for the course
- Organized and presented lecturers
- Invited experts in the field to discuss relevant topics in chronic disease epidemiology
- Developed, proctored and graded the exams
- Assigned and reported final grades to the department

**HESC 401-WEB, Epidemiology, Fall 2008 – Fall 2011**

- 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

**Additional future course development at CSUF**

**HESC: Childhood Obesity and Nutrition in the Immigrant Population, Fall 2012**

- 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 will be divided into four modules. The first will explore the physiologic

and biologic aspects of childhood obesity and nutrition across the youth lifespan from early childhood to adolescence. The second and third modules will be specific to Hispanic and Pacific Islander childhood obesity issues. The last module will review effective intervention strategies, including physical activity and nutrition at the community, institutional, school and public policy levels.

- UC Davis will develop relevant videos and brief podcasts that will be integrated into the course.

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

- In collaboration with UC Davis, a one-week intensive seminar will be developed for CSUF students, staff and faculty.
- Areas to be 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).

#### **HESC/Chicano Studies: Hispanic Health, Nutrition and Health Policy, Spring 2013**

- The course will be divided into three modules. The first will explore 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 will review 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 will also include 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 will be 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 will take 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 will require them to take two supplemental workshops, in USDA careers and understanding the USDA and opportunities within, taught by the USDA-HSI regional officer.

### Teaching 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 25<sup>th</sup>, 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 17<sup>th</sup>, 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 – 18<sup>th</sup>, 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 18<sup>th</sup> 2008 & May 19<sup>th</sup> 2008.
8. Teaching and Learning Academy (TLAC) certificate program. Attended:
  - a. *Camtasia: Create Podcasts...*, February 26<sup>th</sup>, 2008
  - b. *Designing and Developing Grading Rubrics*, May 2<sup>nd</sup>, 2008
  - c. *Set Up Interactive Live Chat Sessions Using Ilic*, September 8<sup>th</sup>, 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.

**At the University of California, Irvine:**

- **Epidemiology and Biostatistics/2<sup>nd</sup> year 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**
  - 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**
  - 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