

Rachel Novotny
College of Tropical Agriculture and Human Resources
 Human Nutrition Food and Animal Sciences
 FTE Distribution: 15% I; 85% R

Education

<u>Degree</u>	<u>University</u>	<u>Major</u>
BA	Beloit College	Environmental Biology
MS	Cornell University	International Nutrition
PhD	Cornell University	International Nutrition

Lifetime and Fellow Achievement Awards

2019 US Dept Agriculture, National Institute for Food and Agriculture, Partnership Award, University of Hawaii at Manoa. CHL program.

Professional Appointments

<u>Title</u>	<u>Employer</u>	<u>Dates Employed</u>
Professor (tenured since 1995)	UHM/CTAHR/HNFAS	Jan 1990-present
Interim Dean	UHM/CTAHR	July 2016-Oct 2017
Chair, Nutritional Sci Grad. Progs.	UHM/CTAHR	2013-present
Director (Leave from UHM)	Kaiser Permanente Ctr Hlth Res HI	2006-2008
Visiting Professor (Sabbatical)	FAO, Rome	2005-2006
Department Chair	UHM/CTAHR/HNFAS	2002-2005
Sabbatical	UHM/UHCC	July- Dec 1998
Post-Doctoral Fellow	UHM/Sch Public Health/MCH	1988-1989
Director and Project Manager,	CARE-Dom Rep.- Barahona office	1986-1987
Nutritional Anthropologist	NSF Grant, highland Ecuador	1983-1984
Graduate Assistant	Cornell Univ/Nutritional Sci.	1980-1985
Field Investigator	NSF grant, Puno Peru	1981
Research Technologist II	Neonatal Biology, Univ Wash, Sea	1979-1980
Phlebotomist/ Medical Interviewer	Puget Sound Blood Center, Seattle	1979
Field Investigator	INISA, San Jose Costa Rica	1978
Research Supervisor	US Army Corps Eng, Rock Isl, IL	1976

Courses Taught

<u>Course Number and Title (credits)</u>	
FSHN 493/451 Community Nutrition	2-4 credits (1990-97)
FSHN 470/370 Lifespan Nutrition	2-3 credits (1990-97)
FSHN 250 Human Needs and Wants	3 credits (1993)
FSHN 467/389 Nutritional Assessment	2-3 credits (1995-96)
FSHN 682/685 Nutritional Epidemiology	2 credits (1994-2009)
FSHN 492 Field Experience	4 credits (1997-2002)
FSHN 681 Sem Food Sci Hum Nutr	1 credit (1991-2019)

Publications

Book Chapters

2018 Novotny, R., F. Li, L. Wilkens, M. Fialkowski, T. Fleming, P. Coleman, R. Leon Guerrero, A. Bersamin, and J. Deenik. Chapter 3. Economic Influences on Child Growth Status, from the Children's Healthy Living Program in the US-Affiliated Pacific Region. In: WEALTHY BUT UNHEALTHY: Overweight and Obesity in Asia and the Pacific: Trends, Costs, and Policies for Better Health. Edited by Matthias Helble and Azusa Sato. 2018 Asian Development Bank Institute.

2012 Novotny R. "Trunk:periphery fat ratio". In: V.R. Preedy (ed.), Handbook of Anthropometry: Physical Measures of Human Form in Health and Disease, DOI 10.1007/978-1-4419-1788-1_52, Springer Science+Business Media, LLC 2011

1988 Novotny R. Alimentación, salud y estado nutricional del niño preescolar en la sierra ecuatoriana. In: McKee L, Arguello S, eds. Nuevas Investigaciones Antropológicas Ecuatorianas. Editorial Abya-Yala, Quito, Ecuador, 1988, pgs. 271-443.

Refereed Journal Publications

- 2019 Aflague TA, Leon Guerrero RT, Delormier T, **Novotny R**, Wilkens LR, Boushey CJ. Examining the Influence of Cultural Immersion on Willingness to Try Fruits and Vegetables Among Children in Guam: the Traditions pilot study. *Nutrients*. In press. CHL Project.
- 2019 Butel J, Braun KL, Nigg CR, Davis J, Boushey C, Leon Guerrero R, Bersamin A, Coleman P, Fleming T, **Novotny R**. Implementation Strategies and Barriers to Native Hawaiian and Other Pacific Islanders Community Interventions: A Cross-Case Study of the Children's Healthy Living Program. *Asian American Journal of Psychology*. Vol. 10, No. 3, 282–291/1948-1985/19, <http://dx.doi.org/10.1037/aap0000135>. CHL Project.
- 2019 Butel J, Braun KL, Nigg CR, Leon Guerrero R, Fleming T, Bersamin A, Coleman P, **Novotny R**. Estimating intervention dose of the multilevel multisite children's healthy living program intervention. *TBM* 2019;XX:1–9, doi: 10.1093/tbm/ibz073. CHL Project
- 2018 Gittelsohn J, **Novotny R**, Trude ACB, Butel J and Mikkelsen BE. "Challenges and lessons learned from multi-level multi-component interventions to prevent and reduce child obesity," *Int J Environ Res Public Health*. 2018 Dec 24;16(1). pii: E30. doi: 10.3390/ijerph16010030. CHL Project
- 2018 **Novotny R**, Davis J, Butel J, Boushey CJ, Fialkowski MK, Nigg DR, Braun KL, Leon Guerrero RL, Coleman P, Bersamin A, Area A, Barber LR, Belyeu-Camacho T, Greenberg J, Fleming T, Delacruz-Talbert E, Yamanaka A, Wilkens LR. Effect of the Children's Healthy Living program on Young Child overweight, obesity and acanthosis nigricans in the US affiliated Pacific region: a randomized controlled trial. *JAMA Network Open*. 2018;1(6):E183896. DOI:10.1001/JAMAnetworkopen.2018.3896 CHL project.
- 2018 Endrizal C, Fialkowski MK, Davis J, Yuan S, **Novotny R**, Delormier T, Rodriguez B. Dietetics Practice in the Unique, Culturally Diverse Pacific Island Region. *Hawai'i Journal of Medicine & Public Health*. June. Volume 77, No. 6, 135-143.
- 2018 Walsh M, John D, Peritore N, Morris A, Bird C, Ceraso M, Eichberger S, **Novotny R**, Stephenson L, Stluka S, Riportella R. Health in All Policies: Working Across Sectors in Cooperative Extension to Promote Health for All. *Journal of Human Sciences and Extension* Volume 6, Number 2, 2018; pgs 37-56.
- 2018 Lee Y, Savaiano DA, McCabe GP, Pottenger FM, Welshimer K, Weaver CM, McCabe LD, **Novotny R**, Read M, Going S, Mason A, VanLoan M, Boushey CJ. Behavioral Intervention in Adolescents Improves Bone Mass, Yet Lactose Maldigestion Is a Barrier. *Nutrients* 2018, 10, 421; doi:10.3390/nu1004042. ACT study.
- 2018 Butel, J., Banna, J.C., **Novotny, R.**, Franck, K.L., Parker, S.P., & Stephenson, L. Validation of a collaboration readiness assessment tool for use by supplemental nutrition assistance program education (SNAP-Ed) agencies and partners. *Journal of Nutrition Education and Behavior*. Volume 50, Issue 5, May 2018, Pages 501-505. <https://doi.org/10.1016/j.jneb.2017.11.002>. RNECE project.
- 2018 Mosley M, Banna J, Lim E, Fialkowski M, **Novotny R**. Dietary patterns change over two years in early adolescent girls in Hawai'i". *Asia Pac J Clin Nutr* 2018;27(1):238-245. FAM project.

- 2017 Paulino YC, Ettienne R, Novotny R, Wilkens LW, Shomour M, SigrahC, Remengesaug SD, Johnson EL, Alfred JM, Gilmatam DF. Areca (betel) nut chewing practices of adults and health behaviors of their children in the Freely Associated States, Micronesia: Findings from the Children’s Healthy Living (CHL) Program. *Cancer Epidemiology* 50 (2017) 234–240. CHL project.
- 2017 Leon Guerrero RT, **Novotny R**, Wilkens LR, Chong M, White KK, Shvetsov YB, Buyum A, Badowski G, Blas-Laguaña M. Risk factors for breast cancer in the breast cancer risk model study of Guam and Saipan. *Cancer Epidemiology* 50 (2017) 221–233. BRISK project.
- 2017 Paulino Y, Hurwitz EL, Ogo JC, Paulino TC, Yamanaka AB, **Novotny R**, Wilkens LR, Miller MJ, Palafox NA. Epidemiology of areca (betel) nut use in the mariana islands: Findings from the University of Guam/University of Hawai`i cancer center partnership program. *Cancer Epidemiology* 50 (2017) 241–246. Betel Nut project.
- 2017 Yonemori KM, Ennis T, **Novotny R**, Fialkowski MK, Ettienne R, Wilkens LR, Guerrero RTL, Bersamin A, Coleman P, Li F, Boushey C. Collecting wrappers, labels, and packages to enhance accuracy of food records among children 2-8 years in the Pacific region: Children’s Healthy Living Program. *Journal of Food Composition and Analysis*. Volume 64, Part 1, December 2017, Pages 112-118. CHL project.
- 2017 Reynolds K, Go AS, Leong TK, Boudreau DM, Cassidy-Bushrow AE, Fortmann SP, Goldberg RJ, Gurwitz JH, Magid DJ, Margolis KL, McNeal CJ, Newton KM, **Novotny R**, Quesenberry CP Jr, Rosamond WD, Smith DH, VanWormer JJ, Vupputuri S, Waring SC, Williams MS, Sidney S. Trends in Incidence of Hospitalized Acute Myocardial Infarction in the Cardiovascular Research Network (CVRN)" *Am J Med*. 2017 Mar;130(3):317-327. doi: 10.1016/j.amjmed.2016.09.014. Epub 2016 Oct 14. PMID:27751900. CVRN project.
- 2017 Matanane L Fialkowski MK, Silva J, Li F, Nigg C, Leon Guerrero RT, **Novotny R**. Para I Famagu’on-Ta : Fruit and Vegetable Intake, Food Store Environment, and Childhood Overweight/Obesity in the Children’s Healthy Living Program on Guam. *Hawaii J Med Public Health*; Volume 76, No. 8, Aug. CHL project.
- 2017 **Novotny R**, Li F, Leon Guerrero R, Coleman P, Tufa A, Bersamin A, Deenik J, Wilkens LR. Dual burden of malnutrition in US Affiliated Pacific jurisdictions in the Children’s Healthy Living Program. *BMC Public Health* (2017) 17:483; DOI 10.1186/s12889-017-4377-6. CHL project.
- 2016 Mikkelsen BE, **Novotny R**, Gittelsohn J. Multi-Level, Multi-Component Approaches to Community Based Interventions for Healthy Living—A Three Case Comparison. *Int. J. Environ. Res. Public Health* 2016, 13, 1023; doi:10.3390/ijerph13101023. CHL project.
- 2016 Tolley H, Snowdon W, Wate J, Durand M, Vivili P, McCool J, **Novotny R**, Dewes O, Hoy D, Bell C, Richards N; Swinburn B. Monitoring and Accountability for the Pacific response to the Non-Communicable Diseases crisis. *BMC Public Health*. 16:958 DOI 10.1186/s12889-016-3614-8.
- 2016 Yamanaka A, Fialkowski MK, Wilkens L, Li F, Ettienne R, Fleming T, Power J, Deenik J, Coleman P, Leon Guerrero R, **Novotny R**. Quality Assurance of Data Collection in the Multi-site Community Randomized Trial and Prevalence Survey of the Children’s Healthy Living Program. *BMC Research Notes*. 2016, 9:432, DOI: 10.1186/s13104-016-2212-2. CHL project.
- 2016 **Novotny R**, Li F, Fialkowski, MK, Bersamin A, Tufa A, Deenik J, Coleman P, Leon Guerrero, RT, Wilkens LR. Prevalence of obesity and acanthosis nigricans among young children in the Children’s Healthy Living Program in the United States Affiliated Pacific. *Medicine*. September 2016 - Volume 95 - Issue 37, p e4711, doi: 10.1097/MD.0000000000004711. CHL project.
- 2016 Ettienne R, Nigg CR, Li F, Su Y, McGlone K, Luick B, Tachibana A, Carran C, Mercado J, **Novotny R**. Validation of the Actical Accelerometer in Multiethnic Preschoolers: The Children’s Healthy Living (CHL) Program. *Hawaii J Med Public Health*. 2016;75(14): 95-100. CHL project.

- 2016 Fialkowski MK, Yamanaka A, Wilkens LR, Braun KL, Butel J, Ettienne R, McGlone K, Remengesau S, Power JM, Johnson E, Gilmatam D, Fleming T, Acosta M, Belyeu-Camacho T, Shomour M, Sigrah C, Nigg C, **Novotny R**. Recruitment strategies and lessons learned from the Children's Healthy Living Program prevalence survey. *AIMS Public Health*. 2016; 3(1): 140 – 157. CHL project.
- 2016 Esquivel M, Nigg CR, Fialkowski MK, Braun KL, Li F, **Novotny R**. Influence of teachers' personal health behaviors on operationalizing obesity prevention policy in Head Start preschools: A project of the Children's Healthy Living Program (CHL). *J Nutr Educ Behav* 2016 May;48(5):318-325.e1. doi: 10.1016/j.jneb.2016.02.007. CHL project.
- 2016 Fialkowski MK, Matanane L, Gibson J, Yiu E, Hollyer J, Kolasa K, **Novotny R**. A Pacific Food Guide: from the Children's Healthy Living Program. *Nutr Today*. 2016; 51(2): 72 - 81. CHL project/CHAP project.
- 2016 Esquivel MK, Nigg C, Fialkowski MK, Braun K, Li F, **Novotny R**. Head Start Wellness Policy Intervention in Hawaii: A project of the Children's Healthy Living Program (CHL). *Childhood Obesity*. 2016; 12 (1). CHL project.
- 2016 Maskarinec G, Morimoto Y, Lagaña MB, Novotny R, Leon Guerrero RT. Bioimpedance to Assess Breast Density as a Risk Factor for Breast Cancer in Adult Women and Adolescent Girls Asian Pac J Cancer Prev, 17 (1), 65-71. Breast Density project.
- 2016 Nigg, C. R., Anwar, M-U., Braun, K. L. Mercado, J., Fialkowski, M. K., Ropeti Areta, A. A., Belyeu-Camacho, T., Bersamin, A., Leon Guerrero, R., Castro, R., DeBaryshe, B., Vargo, A. M., Van der Ryn, M., Braden, K. W., & **Novotny, R**. A Review of Promising Multicomponent Environmental Child Obesity Prevention Intervention Strategies by the Children's Healthy Living Program. *J Environ Health*. Volume 79 • Number 3, 18-26. CHL project.
- 2016 Rotter M, Nigg CR, **Novotny R**. Acculturation is Not Related to Physical Activity Stage of Change in Multiethnic Children in Hawai'i. *Hawaii J Med Public Health*. 2016 Feb;75(2):35-41. PacDASH project.
- 2016 Li, F., Wilkens, L. R., **Novotny, R.**, Fialkowski, M. K., Paulino, Y. C., Nelson, R., Boushey, C. J. Anthropometric measurement standardization in the US-affiliated pacific: Report from the Children's Healthy Living Program. *Am J Human Bio.* 2016 May;28(3):364-71. doi: 10.1002/ajhb.22796. Epub 2015 Oct 12. CHL project.
- 2015 Oshiro C, **Novotny R**, Grove J, Hurwitz E. Race/Ethnic Differences in Birth Size, Infant Growth and BMI at Age Five Years in Children in Hawai'i. *Child Obes*. 2015 Dec;11(6):683-90. doi: 10.1089/chi.2015.0027. Epub 2015 Nov 12.
- 2015 **Novotny R**, Davis J. Growth in bone and body size among Asian and White Girls in the Female Adolescent Maturation (FAM) study. *Arch Osteoporos*. 2015;10:31. doi: 10.1007/s11657-015-0234-3. Epub 2015 Sep 15. FAM project.
- 2015 Butel J, Braun KL, **Novotny R**, Acosta M, Castro R, Fleming T, Powers J, Nigg CR, Assessing intervention fidelity in a multi-level, multi-component, multi-site program: the Children's Healthy Living (CHL) program. *Translational Behavioral Medicine Practice, Policy, Research* 5(4), 460-469. DOI 10.1007/s13142-015-0334-z 2015 . CHL project.
- 2015 Fialkowski MK, Delormier T, Hattori-Uchima M, Leslie JH, Greenberg J, Kim JH, Deenik J, Dunn MA, Areta, AAR, **Novotny R**. Children's Healthy Living Program (CHL) Indigenous Workforce Training to Prevent Childhood Obesity in the Underserved US Affiliated Pacific. *J Health Care Poor Underserved*. 2015 May, Supplement; 26(2):83-85. CHL project.
- 2015 Leon Guerrero RT, Chong M, **Novotny R**, Wilkens LR, Badowski G, Blas-Laguana M, Murphy S. Relative validity and reliability of a quantitative food frequency questionnaire for adults in Guam. *Food Nutr Res*. 2015 May 5;59:26276. doi: 10.3402/fnr.v59.26276. eCollection 2015.

- 2015 **Novotny R**, Nigg C, Li F, Wilkens L. Pacific Kids DASH for Health (PacDASH) randomized controlled trial with DASH eating plan plus physical activity improves fruit and vegetable intake and diastolic blood pressure in children. *Childhood Obesity*. April 2015 Volume 11, Number 2:1-6. DOI: 10.1089/chi.2014.0141 PacDASH project.
- 2015 **Novotny R**, Fialkowski MK, Li F, Paulino Y, Vargo D, Jim R, Coleman P, Bersamin A, Nigg C, Leon Guerrero R, Deenik J, Kim JH, Wilkens L. Prevalence of Young Child Overweight and Obesity in the United States Affiliated Pacific Region as Compared to the 48 Contiguous States: A Systematic Review and Meta-regression by the Children's Healthy Living Program. *Am J Public Health*. 2015 Jan;105(1):e22-e35.2014. CHL project.
- 2014 Paulino YC, Hurwitz EL, Warnakulasuriya W, Gatewood RR, Pierson KD, Tenorio LF, **Novotny R**, Palafox NA, Wilkens LR, Badowski G. Screening for oral potentially malignant disorders among areca (betel) nut chewers in Guam and Saipan *BMC Oral Health*. 2014 Dec 11;14(1):151; doi: 10.1186/1472-6831-14-151.
- 2014 Braun KL, Nigg CR, Fialkowski MK, Butel J, Hollyer JR, Barber LR, Bersamin A, Coleman P, Fleming T, Teo-Martin U, Vargo AM, **Novotny R**. Using the ANGELO Model to Develop the Children's Healthy Living Program Multilevel Intervention to Promote Obesity Preventing Behaviors for Young Children in the US-Affiliated Pacific Region *Childhood Obesity*. Dec 2014;10(6):474-81. doi: 10.1089/chi.2014.0102. CHL Project
- 2014 Albright CL, Steffen AD, Wilkens LR, White KK, **Novotny R**, Nigg CR, Saiki K, Brown WJ. Effectiveness of a 12-month randomized clinical trial to increase physical activity in multiethnic postpartum women: Results from Hawaii's Nā Mikimiki Project. *Prev Med*. Oct 5;69C:214-223. doi: 10.1016/j.ypmed.2014.09.019. [Epub ahead of print]PMID:25285751 NaMikimiki Project
- 2014 Leon Guerrero, RT Badowski G, Yamanaka A, Blas-Laguana M, Bordallo R, Buyum A, Wilkens L, **Novotny R**. The Vital Role of Cancer Registries in the Recruitment of an Understudied Minority Population into a Breast Cancer Study: Breast Cancer Risk Model for the Pacific (BRISK). *Hawaii J Med Pub Health*. October 2014, Volume 73, No. 10;335-341. BRISK project
- 2014 Chai W, **Novotny R**, Maskarinec G, LeMarchand L, Franke AA, Cooney RV. Serum coenzyme Q10, α -tocopherol, γ -tocopherol, and C-reactive protein levels and body mass index in adolescent and premenopausal females. *J Am Coll Nutr*. Feb 2014; 20:37.
- 2013 Leslie JH, Braun KL, **Novotny R**, Mokuau N. Factors Affecting Healthy Eating and Physical Activity Behaviors Among Multiethnic Blue- and White-collar Workers: Implications for Worksite Health Promotion Program Planning. *Hawaii J Med Public Health*. 2013 Sep;72(9):300-6.PMID:24069570
- 2013 Lim U, Wilkens LR, Albright CL, Novotny R, LeMarchand L, Kolonel LN. University of Hawai'i Cancer Center Connection: Bias in Self-reported Anthropometry in Relation to Adiposity and Adulthood Weight Gain among Postmenopausal Caucasian and Japanese American Women. *Hawai'i J Med Public Health*. 12/2013; 72(12):445-9.
- 2013 Novotny R, Fialkowski MK, Areta AAR, Bersamin A, Braun K, DeBaryshe B, Deenik J, Dunn M, Hollyer J, Kim J, Leon Guerrero RT, Nigg C, Takahashi R, Wilkens LR. The Pacific Way to Child Wellness: The Children's Healthy Living Program for Remote Underserved Minority Populations of the Pacific Region (CHL). *Hawaii J Med Public Health* 11/2013; 72(11):406-408. CHL Project
- 2013 Wilken[s] LR, **Novotny R**, Fialkowski MK, Boushey CJ, Nigg C, Paulino Y, Leon Guerrero R, Bersamin A, Vargo D, Kim J, Deenik J. Children's Healthy Living (CHL) Program for Remote Underserved Minority Populations in the Pacific Region: Rationale and Design of a Community Randomized Trial to Prevent Early Childhood Obesity, *BMC Public Health* 2013, 944. doi: 10.1186/1471-2458-13-944. CHL Project
- 2013 Fialkowski MK, DeBaryshe B, Bersamin A, Nigg C, Leon Guerrero R, Rojas G, Areta AAR, Vargo A, Belyeu-Camacho T, Castro R, Luick B, **Novotny R** and the CHL Team. A community engagement process

identifies environmental priorities to prevent early childhood obesity: the Children's Healthy Living Program for Remote Underserved Populations in the Pacific Region (CHL). *Mat Child Health J.* 2013 (DOI) 10.1007/s10995-013-1353-3. CHL Project

- 2013 St-Jules DE.; Watters CA, Brunt EM, Wilkens LR, **Novotny R**, Belt P, Lavine JE, for the NASH CRN. Estimation of Fish And Omega-3 Fatty Acid Intake In Pediatric Nonalcoholic Fatty Liver Disease. *J Pediatr Gastroenterol Nutr.* 2013 Nov;57(5):627-33. doi: 10.1097/MPG.0b013e3182a1df77. doi: 10.1097/MPG.0b013e3182a1df77.
- 2013 St Jules D, Watters C, **Novotny R**. Estimation of Fish Intake in Asian and White Female Adolescents, and Association with 2-Year Changes in Body Fatness and Body Fat Distribution: The Female Adolescent Maturation Study. *J Acad Nutr Diet.* 2013 Oct 29. pii: S2212-2672(13)01281-1. doi: 10.1016/j.jand.2013.07.044. [Epub ahead of print]PMID:24182519. FAM Study
- 2013 **Novotny R**, Oshiro CS, Wilkens LR. Prevalence of Childhood Obesity among Young Multiethnic Children from a Health Maintenance Organization In Hawaii. *Childhood Obesity.* Feb. 2013;9(1) DOI: 10.1089/chi.2012.0103.
- 2013 **Novotny R**, Vijayadeva V, Grove , Lim U, Le Marchand L. Birth Size and Later Central Obesity among Adolescent Girls of Asian, White and Mixed Ethnicities. *Hawaii J Med Public Health.* Feb;72(2):50-5. FAM Project.
- 2013 **Novotny R**, Nigg C, McGlone K, Renda G, Jung N, Matsunaga M, Karanja N: Pacific Tracker 2 - expert system (PacTrac2-ES) behavioural assessment and intervention tool for the Pacific Kids DASH for Health (PacDASH) study. *Food Chem;* 2013 Oct 1;140(3):471-7, PMID: 23601394. PacDASH study
- 2012 Lim U, Ernst T, Buchthal SD, Latch M, Albright CL, Wilkens LR, Kolonel LN, Murphy SP, Chang L, **Novotny R***, Le Marchand L* (*These authors contributed equally to this work- RN and LLM). Asian women have greater abdominal and visceral adiposity than Caucasian women with similar body mass index. *Nutrition Diabetes.* 2012 Jul;112(7):1048-55. doi: 10.1016/j.jand.2012.03.034.
- 2012 Osborne DL, Weaver CM, McCabe LD, McCabe GM, **Novotny R**, Van Loan M, Going S, Matkovic V, Boushey C, Savaiano DA, and the ACT research team. Body size and pubertal development explain ethnic differences in structural geometry at the femur in Asian, Hispanic, and white early adolescent girls living in the U.S. *Bone.* Volume 51, Issue 5, November 2012, Pages 888–895. ACT study
- 2012 Albright C, Steffan A, **Novotny R**, Nigg CR, Wilkens L, Saiki K, Yamada, Hedemark, Maddock J, Dunn A, Brown. Baseline Results from Hawaii's NaMikimiki Project: A Physical Activity Intervention Tailored to Multiethnic Postpartum Women. *Women Health.* 2012;52(3):265-91. doi: 10.1080/03630242.2012.662935.PMID:22533900. NaMikimiki Project
- 2012 Schembre SM, Albright CL, Lim U, Wilkens LR, Murphy SP, **Novotny R**, Ernst T, Chang L, Kolonel LN, Le Marchand L. Associations between weight-related eating behaviors and adiposity in postmenopausal Japanese American and white women. *Physiol Behav.* 2012 Jul 16;106(5):651-6. doi: 10.1016/j.physbeh.2012.04.027. Epub 2012 May 4.PMID:22561211
- 2012 Lim U, Turner SD, Franke AA, Cooney RV, Wilkens LR, Ernst T, Albright CL, **Novotny R**, Chang L, Kolonel LN, Murphy SP, Le Marchand L. Predicting total, abdominal, visceral and hepatic adiposity with circulating biomarkers in Caucasian and Japanese American women. *PLoS One.* 2012;7(8):e43502. doi: 10.1371/journal.pone.0043502. Epub 2012 Aug 17.PMID:22912885
- 2012 Lim U. et al. Susceptibility Variants for Waist Size in Relation to Abdominal, Visceral and Hepatic Adiposity in Postmenopausal Women. *J Acad Nutr Diet.* 2012; Jul;112(7):1048-55. doi: 10.1016/j.jand.2012.03.034.PMID:22889634

- 2012 Morimoto Y, Maskarinec G, Conroy SM, Lim U, Shepherd J, **Novotny R**. Asian ethnicity is associated with a higher trunk/peripheral fat ratio in women and adolescent girls. *J Epidemiol*. 2012;22(2):130-5. Epub 2012 Feb. 11.PMID:22327117
- 2012 **Novotny R**, Vijayadeva V, Grove, J, Gittelsohn J, Avila, J, Su, Y, Murphy S. Disparity in Dietary Intake Among Native Hawaiian, Filipino and White Children and Caregivers in Hawai'i. *Hawaii J Med Public Health*. Dec. 2012;71(12):348-453. PMID:2325187.
- 2012 **Novotny, R**, Chen C, Williams AE, Albright CL, Nigg CR, Oshiro CE, Stevens VJ. US acculturation is associated with health behaviors and obesity, but not their change, with a hotel-based intervention among Asian-Pacific Islanders. *J Acad Nutr Diet*. 2012;112(5):649-656
- 2012 Maskarinec G, Morimoto Y, Conroy S, Lim U, Shepherd J, **Novotny R**. Asian ethnicity is associated with a higher trunk/periphery fat ratio in women and girls. *J Epidemiology*. Mar 5;22(2):130-5. Epub 2012 Feb 11. doi:10.2188/jea.JE20110100.
- 2011 Black N, Vijayadeva V, Nabokov V, **Novotny R**. Higher percent body fat in young women with lower physical activity level and greater proportion Pacific Islander ancestry. *Hawaii Med J*. 2011 Nov;70(11 Suppl 2):43-6.
- 2011 Maskarinec G, Morimoto Y, Daida Y, Shepherd J, **Novotny R**. A comparison of breast density measures between mothers and adolescent daughters. *BMC Cancer*. 11: 330. doi:10.1186/1471-2407-11-330.
- 2011 Sharma S, Barr A, Macdonald H, Sheehy T, **Novotny R**, Corriveau A. Vitamin D deficiency and disease risk among Aboriginal Arctic populations. *Nutrition Reviews*. Aug;69(8):468-78. doi: 10.1111/j.1753-4887.2011.00406.x. Review.
- 2011 Ahmed AT, Oshiro CE, Loharuka S, **Novotny R**. Perceptions of middle school educators in Hawaii about school-based gardening and child health. Supplement 1. *Hawaii MedJ*. 2011;70(7):11-15.
- 2011 **Novotny R**, Vijayadeva V, Ramirez V, Lee SK, Davison N, Gittelsohn J. Healthy Foods Hawaii: Development and implementation of a food system intervention to prevent childhood obesity in rural Hawaii. Supplement 1. *Hawaii Med J* 2011;70(7):42-46. Healthy Living in the Pacific Islands/Healthy Foods Hawaii
- 2011 **Novotny R**, Daida Y, Morimoto Y, Shepherd J, Maskarinec G. Puberty, body fat and breast density in girls of several ethnic groups. *Am J Hum Bio*, 2011 May;23(3):359-65. doi: 10.1002/ajhb.21145. Epub 2011; Mar 28.
- 2011 Maskarinec G, Shepherd J, Morimoto Y, Daida YG, **Novotny R**. Comparison of breast density measured by dual energy x-ray absorptiometry (DXA) with mammographic density among adult women in Hawaii. *Cancer Epidemiol*. 2011;Apr;35(2):188-93. Epub 2010 Aug 4.
- 2011 Osborne D, Weaver C, McCabe LD, McCabe GM, **Novotny R**, Boushey CV, Savaiano DA. Tanning predicts bone mass but not structure in adolescent females living in Hawaii. *Am J Hum Bio* 2011 Jul-Aug;23(4):470-8. doi: 10.1002/ajhb.21158. Epub 2011 Apr 14.PMID:21495109[PubMed - indexed for MEDLINE]
- 2011 Paulino YC, Leon Guerrero RT, Novotny R. Women in Guam consume more calories on feast days than non-feast days. *Micronesica* 2011;41(2):223-235.
- 2011 Paulino YC, **Novotny R**, Miller MJ, Murphy SP. Areca (Betel) Nut Chewing Practices in Micronesian Populations. *Hawaii J Public Health* 2011;3(1):19-29.
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- 1997 Derrickson J, Tanaka D, **Novotny R**. Heights and weights of Head Start Preschool children in Hawaii. *J Am Dietet Assoc* 1997;Dec; 97(12):1424-26.
- 1996/1997 Abikusno N, **Novotny R**. Sensitivity and specificity of maternal anthropometric measures relative to infant nutritional status. *Asia Pacific J Public Health* 1996; 9:38-41.
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- 1995 **Novotny R.**, Kieffer E, Mor J, Thiele M. Nativity and infant feeding practices among Filipino women in Hawaii. *Ecol Food Nutr* 1995; 33:263-272.
- 1995 **Novotny R**, Rumalatu F. Dietary diversity in Western Seram. *Cakalele* 1995; 6:37-42
- 1994 Davis J, **Novotny R**, Ross PD, Wasnich RD. The peak bone mass of Hawaiian, Filipino, Japanese, and white women living in Hawaii. *Calc Tiss Intl* 1994;Oct; 55(4):249-252.
- 1994 **Novotny R**, Kieffer E, Mor J, Thiele M, Nikaido M. Health of infant is the main reason for breastfeeding in a WIC population in Hawaii. *J Am Dietet Assoc* 1994 Mar; 94(3):293-97.
- 1992 **Novotny R**, Grove J, Baruffi G, Zeitlin M. Rate of growth of Bangladeshi infants as a function of attained length. *Human Bio* 1992 Oct; 64(5):727-39.
- 1991 Collins JT, **Novotny R**. Etymology, entomology and nutrition: Another word from Pigafetta. *Cakalele* 1991; 2(2):123-32.
- 1990 Woolley FR, Weidner BL, **Novotny R**. The relationship of siblings to the size of rural Nigerian preschoolers. *Asia-Pacific Public Health* 1990; 4(2-3):151-55.
- 1990 Baruffi G, Alexander G, **Novotny R**. Causes of infant mortality in multiethnic population. *Asia-Pacific Public Health* 1990; 4(2-3):145-50.
- 1989 **Novotny R**. Growth charts in pounds? *Asia-Pacific Public Health* 1989; 3(2):173.
- 1987 **Novotny R**. Preschool child feeding, health and nutritional status in Highland Ecuador. *Archivos Latinoamericanos de Nutrición* 1987 Sep; 37(3):417-43.
- 1987 **Novotny R**, Haas JD. Maternal anthropometry and infant growth with exclusive breast-feeding in La Paz, Bolivia. *J Tropical Ped* 1987 Dec; 33(6):309-14.

- 1983 **Novotny R**, Mata L. Breast milk consumption in Rural Costa Rica. *Archivos Latinoamericanos de Nutrición* 1983; 33(22):377-86.
- 1980 **Novotny R**, Mata L, Brenes H. Consumo de leche por lactantes del area Rural de Puriscal, Costa Rica. *Rev Med Hosp Nal Niños*, Costa Rica 1980; 15(1):45-58.

Leadership Roles

- 2019-present Associate Editor, Nutrition Reviews Journal, International Life Sciences Institute, Washington DC.
- 3/19-present 2020 US Dietary Guidelines Advisory Committee, Specialist, FNS/CNPP, USDA.
- 2018-2019 Expert panel on community-based childhood obesity prevention. Friedman School of Nutrition. Tufts
- 2018 Scientific Advisory Committee Member, A National Research Agenda to Reduce Consumption of Sugar-Sweetened Beverages and Increase Safe Water Access and Consumption Among Zero- to Five-Year-Olds. Durham, NC: Healthy Eating Research, 2018. Available at: <https://healthyeatingresearch.org>.
- 2015-2017 Health Policy Issues Education Action Team, Healthy Food Systems, Healthy People, Extension and Experiment Station Committees on Organization and Policy (ECOP and ESCOP), APLU.
- 2014-2017 Western Region Nutrition Education and Obesity Prevention Center of Excellence (WRNECE) Steering Committee, USDA/NIFA.
- 2014 EFNEP Dietary Guidelines Expert Panel.
- 2014 Program Review Team, University of Arizona, Department of Nutritional Sciences. Feb. 18-20.
- 2012 Editorial Board, Handbook of Anthropometry; Physical Measures of Human Form in Health and Disease. VR Preedy, editor. Springer Publisher.

Graduate Students

<u>Category</u>	<u>Current Number of Students</u>	<u>Number Graduated (Career)</u>
Chair of Master's Committees	0	15
Chair of PhD Committees	3	6
Member of Master's Committees	1	10
Member of PhD Committees	3	11

Grant Support

- 2018-2023 **Children's Healthy Living Center of Excellence (CHL Center)**
Novotny, Rachel Principal Investigator/Project Director.
\$2,125,903
National Institute of Food and Agriculture/USDA.
Award Number 2018-69001-27551 (3/1/18-2/28/23)
- 2016- 2021 **Children's Healthy Living Network (CHLN) in the US Affiliated Pacific.** Hatch/Multistate Project.
W1194, NIFA/USDA (12/5/16-9/30/21).
Chair and Hawaii Representative.
- 2015-2017 **SNAP-ED and EFNEP Nutrition Education and Obesity Prevention Center of Excellence: Creating Healthy Local Places**
Stephenson L, PI, \$1,000,000 University of Tennessee. USDA/NIFA.20155-67001-24289 1 million.
Novotny R: Co-Investigator/Co-Project Director (\$113,944).USDA/NIFA. 2015-67001-24289.
- 2013-2015 **Monitoring Alliance for NCD Action in the Pacific (MANA Pasifika)** (Swinburn B, PI) University of Auckland, NZ, \$399,806. International Relationship Fund: US-New Zealand/Health Research Council of New Zealand
Novotny R: Co-Investigator (\$20,000). HRC-NZ #13/1003

- 2012-2017 **Multistate Project W2005; “Parenting, energy dynamics, and lifestyle determinants of childhood obesity: New directions in prevention”**, Hatch, NIFA, USDA.
Novotny R (HAW02020).
- 2011-2017 **Children’s Healthy Living Program for Remote Underserved Minority Populations in the Pacific Region (CHL).** USDA/AFRI/NIFA. A partnership among remote Pacific states and other jurisdictions of the US: Alaska, American Samoa, Commonwealth of the Northern Marianas, Guam, Federated States of Micronesia, Hawaii, Palau, and the Republic of the Marshall Islands whose purpose is to train a public health nutrition work force, conduct public health nutrition research and communicate nutrition and health related information to the public, and to build social/cultural, physical/built, and political/economic environments that will promote active play and intake of healthy food to prevent young child obesity.
Novotny R, Principal Investigator/Director. \$24,777,481 (Award no. 2011-68001-30335, CRIS no. 0224871).
- 2010-2013 **National Children’s Study. Improving Dietary Assessment in Pregnant Women and Children in the National Children’s Study** NIH/UNC. (Millar-Sauvage, PI; Anna Siega-Ruiz, Subcontract PI). \$14.5 million. This study is a longitudinal cohort study that will investigate the impact of environmental factors on health and development of ~100,000 children across the United States. This subcontract is evaluating the feasibility, burden and data quality of using web-based diet assessment methods, in different ethnic groups.
Novotny R, Co-Investigator and Hawaii Site PI for Vanguard Project—\$300,697. (Work Assignment #3, LOI 14, HHSN267200700025C)+ \$140,000
- 2009-2010 **Development of a Cardiovascular Surveillance System in the CVRN NIH/NHLBI (CVRN Surveillance).** (Sidney PI). \$7.2 million. Oversee the development of the Virtual Data Warehouse at Kaiser Permanente Hawaii. **Novotny R, Hawaii Subcontract PI, \$65,168. (RC2HL101666)**
- 2009-2014 **University of Guam/University of Hawaii Cancer Center Partnership NIH/NCI.** (Whippy/Vogel, Multi-PI) \$12.6 million- 8 million Guam/4.6 million Hawaii; (Leon Guerrero R/Novotny R, Co-Leaders Full Project 1)- Development of a Breast Cancer Risk Model for the Pacific. **(BRISK, \$777,165 direct costs Hawaii); (Miller/Murphy, Co-Leaders Pilot Project 1) Novotny R, Co-I- Development of Protocols for Studying Oral Precancerous Lesions and Other Health Risks among Betel Nut Users in Micronesia (\$115,389 direct costs),(Maskarinec/Leon Guerrero, Pilot Project), Novotny R, Co-I, Bioelectrical Impedance Breast Density (\$100,000, direct cost). (1U54XA143727-01).**
- 2009-2010 **Feasibility Study on Accurately Predicting Central Obesity in the Multiethnic Cohort.** UH- Cancer Research Center of Hawaii Developmental Fund.
Novotny, R and Murphy, S, Co-PI, \$31,998. (NIH, NCI, P30 CA071789)
- 2008-2009 **Development of Novel Skeletal Measures of Pubertal Development from DXA** (Data analysis of FAM3 study). UH Clinical Research Center Award #2008-04.
Novotny R, PI- 140 hours, estimated at \$28,000.
- 2008–2013 **Pacific Kids DASH for Health.** USDA. This study aims to further develop the Pacific Tracker diet and physical activity assessment tool with behaviorally tailored intervention that support DASH dietary guidelines for multiethnic children in clinic visits within a health maintenance organization to prevent obesity among children in high risk populations. The study also aims to describe the social, economic, and cultural factors associated with body size, and composition of Asian and Pacific Islander children and their families.
Novotny R, PI—\$1,490,000. (Award 2008-55215-18821, 2/15/2008-2/15/2013, CRIS 0213100)
- 2007–2010 **Cardiovascular Research Network (CVRN) in Community-Based Care.** NHLBI (Go). \$13 million. This project is a research network across health systems engaged in cardiovascular research and surveillance within representative community-based health systems.
Novotny R, Co-Investigator—\$11,948 subcontract (U19 HL 091179)
- 2007–2011 **Physical Activity in Women with Infants.** NIH (Albright). \$1,970,341 Tests the efficacy of a tailored intervention to increase and maintain physical activity in a multiethnic population of young, healthy postpartum women in Hawaii.

Novotny R, Co-Investigator—\$83,173 (1R01CA115614 - 01A2)

- 2007–2008 **HMORN CERT. Harvard Pilgrim** (Platt). The aim of this study is to examine the use of therapeutics health plans across the US.
Novotny R, Site PI—\$22,375 subcontract
- 2007–2009 **Factors Associated with Betelnut Use on Guam.** NCI (Vogel). This proposal aims to describe betelnut ingestion and oral health practices among Chamorros and Micronesians in Guam to develop a future study examining oral lesions and cancer in Guam.
Novotny R, Co-Project Leader—\$32,148 (U56 CA96254) subcontract
- 2007–2008 **Cancer Research Network Across Health Care Systems.** NCI (Wagner). 12 research centers based in integrated care health systems with electronic medical records that serve approximately 10 million members, including cross- system health research, three core projects, and multiple spinoff grants. **Novotny R, Co-Investigator—\$3,554,771 (5 U19 CA079869-09)**
- 2007–2008 **Healthcare Needs of Hawaii Island.** Shipper’s Wharf Fund (Withy). This project counts medical provider services delivered to people from the zip codes of Hawaii Island to estimate needs for regional needs for different types of medical and mental health healthcare workers.
Novotny R, Co-Investigator—\$15,602
- 2006–2010 **Breast Density Assessment by Dual Energy X-ray Absorptiometry in Women and Girls.** Synergistic Idea Award, Department of Defense Breast Cancer Research Program, Office of Congressionally Directed Medical Research Programs. Development and testing of a DXA method to evaluate breast tissue in adolescence and adulthood, as a possible very early indicator of breast cancer risk. **Maskarinec/Novotny, Co-PI’s—\$588,518 (BC060615)**
- 2006–2007 **BMI and Ethnic Admixtures.** University of Hawaii (Albright). This research project is a data only study that looks at body mass index (BMI) and ethnic admixtures.
Novotny R, Co-Investigator—\$31,036 subcontract (Friends of the Cancer Center)
- 2005–2010 **Imi Hale Native Hawaiian Cancer Awareness Research and Training Network.** (Chong). The goal of this project is to reduce cancer incidence and mortality among Native Hawaiians by promoting cancer awareness in Native Hawaiian Communities; and initiating cancer research, training, and control activities.
Novotny R, Co-Investigator—\$20,429 (1U01CA86105)
- 2004–2009 **Work, Weight, and Wellness: The 3W Program.** NHLBI (Vogt). Program to increase physical activity, improve diet, improve decision making about risk- reducing behaviors, and reduce obesity of hotel employees in Hawaii.
Novotny R, Co-Investigator—\$5,536,000 (1 R01 HL79505)
- 2004–2009 **Healthy Living in the Pacific Islands; Healthy Pacific Child Program.**
USDA/CSREES/Integrated National Research Initiative. Community based participatory development and testing of the Pacific Tracker dietary and physical assessment tool, the Healthy Foods Hawaii four phase community based intervention to improve healthy food consumption, and population-based study of nutrition and health in Hawaii and US affiliated Pacific Islands.
Novotny R, PI—\$1,000,000 (Award No. 2004-35215-14252, CRIS No. 0199107)
- 2004–2007 **Nutritional and Genetic Determinants of Early Puberty.** Department of Defense. 2003 Breast Cancer Research Program. Third follow up of the Female Adolescent Maturation Cohort to examine dietary, activity and genetic determinants of maturation, body composition and bone in multi-ethnic adolescents.
Le Marchand L/Novotny R, Co-PI—\$848,218 (# BC032028)
- 2003–2006 **Minority Institution/Cancer Center Partnership.** University of Guam/Cancer Research Center of Hawaii, NIH/NCI, Vogel C, PI, 09/01/03–08/31/08. **Novotny R, Co-investigator Pilot Project 1.** Betel Nut Chewing. **Pilot Project 2,** Evaluation of Risk Factors for Chronic Disease Among Adults on Guam—**\$11,172,292 (1**

U56 CA96254)

- 2003–2004 **Soy Consumption and Hormonal Development in Young Girls: A Feasibility Study.** CRC, University of Hawaii at Manoa/Kapiolani Health. Maskarinec G, PI. **Novotny R, Co-PI—\$10,000.**
- 2003–2004 **Samoa Women’s Health Assessment,** University of Hawaii at Manoa/Kapiolani Health. **Novotny R, PI—\$10,000 (CRC #02-16)**
- 2003–2006 **Healthy Living Hawaii, State of Hawaii,** Department of Health, Community Health Division. **Novotny R, PI—\$363,358, (Contract ASO Log No. 03-220)**
- 2002–2003 **Nutrition Assessments in Children and Young Adults Living in the Pacific Islands: A Capacity Building Approach.** Center for Disaster Management and Humanitarian Assistance, University of Hawaii and Centers for Disease Control, Kemmer T, PI. **Novotny R, Co-PI—\$70,000**
- 2001–2004 **Genetic Determinants of Adolescent Growth and Maturation—A Pilot Study.** Cancer Research Center of Hawaii Developmental Funds, UH. **LeMarchand L, Novotny R, Co-Principal Investigators—\$61,630**
- 2001–2003 **Healthy Living in the Pacific Islands.** USDA/ADAP. Hashimoto A, PI. **Novotny R, Subcontract PI—Grants 99-38826-7854 (\$15,030), 00-38826-9180 (\$10,264), 01 (\$30,000), 02 (\$250,000) 03 (\$250,000), 04 (\$25,000), 05 (\$25,000), 06 (\$9,674)**
- 2001–2004 **Improving Bone Health in Adolescence through Targeted Behavioral Intervention. Integrated Hatch,** USDA. **Novotny R, PI—\$30,000**
- 2000–2004 **Initiative for Future Agriculture and Food Systems Program. Improving Bone Health in Adolescence Through Targeted Behavioral Intervention.** PI Consortium, Savaiano D, (\$3,750,000) **Novotny R, Subcontract PI—\$640,718 (USDA Grant No. 00-52102-9696)**
- 1999–2003 **National Research Initiative Competitive Grants Program. Japanese and White Female Adolescent Maturation.** **Novotny R, PI—\$220,000, (USDA Grant No. 9900700)**
- 1998–1999 **Impact of Lactation Support and use of a Lactation Device on Rates of Exclusive Breastfeeding.** University of Hawaii–Kapiolani Health, Clinical Research Center, NIH. Vogler J, PI. **Novotny R, Co-I- \$5,630**
- 1996–2002 **Factors Influencing the Intake of Calcium-Rich Foods Among Adolescents. Regional Project.** Stennis–MacIntyre, PI. USDA. **Novotny R, Site PI—\$62,000, (W–191)**
- 1996–1998 **Maternal Pelvic Size and Birth Outcome.** Hawaii State Agricultural Experiment Station, USDA. **Novotny R, PI—\$3,000**
- 1996–2000 **Nutrient Composition of Foods of Hawaii and the Pacific.** Hatch Grant, USDA. **Novotny R, PI—\$10,000 (includes funding from MOA International)**
- 1994–1996 **Pregnancy Nutrition Surveillance System (PNSS).** State Department of Health, Hawaii. **Novotny R, PI—\$12,500**
- 1992–1996 **Sago, Diet and Nutrition Status of the People of Maluku, Indonesia.** Hatch Grant, USDA. **Novotny R, PI—\$3,000**

1992–1995 **Sago in Maluku.** Luce Foundation. Griffin PB, PI.
Novotny R, Co-Inv—\$130,000

INSTRUCTIONAL GRANTS

2018- 2023 **Children's Healthy Living Dietetics Scholarship Program (CHLD)** Principal Investigator, Revilla, MKF.
USDA/AFRI 2018-38413-28140. \$200,000, Co- PI

2018-2022 **Western Region Public Health Training Center.** Principal Investigator, Taren, D. HRSA Grant No.
UB6HP31687. July 1, 2018-June 30, 2022. Total Award \$4,053,812. (1,013,453 per year) Novotny, R.
Hawaii Site PI.

2016-2019 **Child Health Assessment for the Pacific (CHAP).** Child Health Assessment in the Pacific (CHAP)
Summer Fellowship program will build Pacific regional capacity in early childhood nutrition and health
assessment; create a network of individuals working to monitor and prevent early childhood obesity and
health disparities; and evaluate opportunities to sustain training in early childhood nutrition and health
assessment. Novotny R (PI) University of Hawaii. USDA/NIFA. **\$274,780. GRANT 2016-67032-24989**

2014-2017 **Racial and Ethnic Approaches to Community Health (REACH).** U58DP005810-01. 09/30/14 - 09/29/17.
CDC National Center for Chronic Disease Prevention and Health Promotion Pacific Center of Excellence in
the Elimination of Disparities (CEED) USAPI Community Health Interventions Project (Palafox, PI). The
goal of this project is to strengthen capacity to implement locally tailored tobacco and nutrition evidence- and
practice-based, policy, systems and environmental improvements in priority populations experiencing
disparities in chronic diseases and associated risk. Role: Curriculum Specialist. \$3,000,000.

2014 **Translating Cultural Concepts of Food in the Pacific through an Introductory Nutrition Course.**
Association of Public Land Grant Universities (Fialkowski, PI). \$2,000, 2014.

2001 **Assessment of FSHN Curriculum,** CTAHR, University of Hawaii. (Iwaoka W, PI). \$40,000.

2000–2001 **Development of training and research materials on food and nutrition in disaster management and
humanitarian assistance.** Center of Excellence on Disaster Management, WHO, Honolulu, HI, \$10,000.

1994 **International Agreements Fund,** UH. UH Field Studies for Fook Ling Ng at Universitas Pattimura,
Indonesia, \$1,500.

1991 **Teaching Development Grant,** UH. Office of Faculty Development and Academic Support, University of
Hawaii, Honolulu, HI, \$500.

1991 **International Agreements Fund,** International Programs, University of Hawaii. Funds for Curriculum
Development, Pattimura University, Indonesia, \$500.

1990–1991 **International Agreements Fund,** International Programs, University of Hawaii. Funds to develop an
agreement between UH and Trisakti University, Indonesia for joint research and faculty exchange, \$2,000.

Presentations

Oral

2019 Novotny R. Children's Healthy Living Center of Excellence, Global Child Obesity Planning Meeting. World
Health Organization, Geneva. **Invited**

2019 Novotny R. Children's Healthy Living Program. ISBNPA, Prague.

2019 Novotny R. Children's Healthy Living Center of Excellence, SNEB, Orlando.

2018 Novotny R. Re-envisioning and Regenerating Agriculture Education through P-20 Partnerships. Sponsored
by the P20 Agriculture Education Workgroup. National Sustainable Agriculture Education Conference, UH
West Oahu, July 27, 2018. **Oral.**

- 2018 Novotny R. The Children's Healthy Living Program. Nutrition Dept Seminar Series, University of Arizona, Tucson. Feb 14. **Invited.**
- 2018 Novotny R. Cancer Risk and Prevention in the US Affiliated Pacific. Cancer Center Seminar Series, University of Arizona, Tucson. Feb 14. **Invited.**
- 2016 Fialkowski MK, Leon Guerrero R, Bersamin A, Deenik J, Fleming T, Coleman P, **Novotny R.** Unanticipated Workforce Development in the Children's Healthy Living Program. He Huliau Conference, Honolulu, HI, October 13 – 14, 2016.
- 2016 **Novotny R.** The Children's Healthy Living Multilevel Intervention Program. Texas Tech University, March 24, 2016, Lubbock Texas. **Invited.**
- 2015 **Novotny R.** Multilevel Multicomponent Intervention Strategies for Childhood Obesity Prevention. Obesity Plenary Strategies to Prevent Childhood Obesity at The Nutrition Society of Australia and New Zealand. December 2-3 2015, Wellington NZ. **Invited.**
- 2015 **Novotny R.**, Li F., Areta A., Deenik J., Kim J., Leon-Guerrero R. Race, Obesity and acanthosis nigricans in US affiliated Pacific Islands, Children's Healthy Living Program (CHL). American Public Health Association. October 31-November 4, 2015 Chicago, IL.
- 2015 **Novotny R**, Nigg CR, Braun K, Areta A, Bersamin A, Kim JH, Leon Guerrero R. Measurement and Evaluation in the Children's Healthy Living Program Multilevel Multi Component Intervention. ISBNPA, Edinburgh, June.
- 2015 **Novotny R.** "Prevalence of Overweight and Obesity in the Children's Healthy Living Program". Endocrine Society, Visiting Professor Program in Obesity. May 28-29. **Invited.**
- 2015 **Novotny R.** "Children's Healthy Living Program: Prevalence of Obesity Among Children in the US Affiliated Pacific", Visiting Professor Program on Obesity. Session B: Clinical aspects of the obesity epidemics in Hawaii and Pacific Islands 5, Endocrine Society, JABSOM, University of Hawaii. May 28.
- 2014 **Novotny R.** Fialkowski MK, Esquivel M*, Li F, Wilkens LR. Building a Child BMI Monitoring System for the US Affiliated Pacific Region: A Model from the Hawaii Children's Healthy Living Program. International Pacific Health Conference, Auckland, New Zealand. November 3 – 5, 2014.
- 2014 **Novotny R.** Fialkowski MK, Leslie J, Delormier T, Etienne R. Children's Healthy Living Project: Building a Pacific Way to Wellness, Hawaii Dietetic Association, Honolulu.
- 2013 **Novotny R.** Children's Healthy Living Program. Society for Nutrition Education and Behavior Annual Meeting. Portland, OR, August 12. (**Invited**).
- 2014 Boushey C, Yonemori K, Au D, **Novotny R**, Fialkowski MK, Wilkens L, Nigg C, Leon Guerrero R, Bersamin A, Niles K, Areta A, Kim J, Johnson K. Children's Healthy Living Program for remote underserved minority populations in the Pacific region: challenges and design of dietary assessment methods among young children 2-8 years old. National Nutrient Databank Conference. Portland, OR, May 14-17, 2014.
- 2013 Fialkowski MK, Areta AR, Belyeu-Camacho T, Bersamin A, Rojas G, Castro R, DeBaryshe B, Leon-Guerrero R, Luick B, Vargo A, Nigg C, **Novotny R.** Using Community Readiness Assessment to Inform Environmental Intervention Development in the Children's Healthy Living (CHL) Program in Remote Underserved Minority Populations of the Pacific. Experimental Biology. Boston, MA, April 20-24, 2013.
- 2012 Leslie JH, DunnMA, Boyd, Deenik JL, Fialkowski MK, Fiame R, Greenberg J, Hattori-Uchima M, Johnson R, Kim J, Leon-Guerrero R, Loick B, Nigg C, Paulino Y, Stokes A, Takahashi R, Vargo D, Wilkens L, York A, **Novotny R.** Training an Indigenous Workforce to Prevent Childhood Obesity: a component of the Children's Healthy Living Program for Remote Underserved Minority Populations in the Pacific Region (CHL). Pacific Global Health Conference. Honolulu, HI, October 8-10, 2012.
- 2012 **Novotny R.** Healthy Hawaii Initiative's Health and Physical Education Resource Teachers' Training Session. Aug. 20. **Invited.**

- 2012 Fialkowski MK, Areta AR, Belyeu-Camacho T, Bersamin A, Rojas G, Castro R, DeBaryshe B, Leon-Guerrero R, Luick B, Vargo A, Nigg C, **Novotny R**. The development of the Children's Healthy Living for Remote Underserved Populations in the Pacific Region Program (CHL) community-based approach to identify and prioritize possible environmental interventions to prevent young child obesity. Pacific Global Health Conference. Honolulu, HI, October 8-10, 2012.
- 2012 **Novotny R**. Food, Nutrition, Physical Activity & Obesity related data for NCD prevention: & the Children's Healthy Living (CHL) Program. Pacific Island Health Officers Association, Technical Work Group Meeting. Honolulu, May 24. **Invited**.
- 2012 **Novotny R**, Oshiro CES, Wilkens. Ethnic Disparity in Child Overweight and Obesity in Hawaii. FASEB, San Diego, April.
- 2012 **Novotny R** and Nigg C. The CHL Program – Capacity-Building and Environmental Change to Prevent Childhood Obesity in the Pacific Region. UH Public Health Colloquium. March 8 **Invited**.
- 2011 **Novotny R**, Deenik J. Children's Healthy Living Program. Pacific Basin Medical Association and Chuuk Medical Association. Nov. 2 (**Invited**).
- 2011 **Novotny R**, McGlone K, Nigg C. PacificTracker2 - Expert System (PacTrac2-ES) behavioral assessment and intervention tool, 9th International Food Data Conference "Biodiversity and Sustainable Diets", Norwich, England, UK, Sept.
- 2011 Albright, Steffen, Nigg, **Novotny**, Wilkens, Saiki, Yamada, Hedemark, Dunn, and Brown. Hawaii's Na Mikimiki Project: Increasing Postpartum Physical Activity in Ethnic Minority Women; Changes in Self-efficacy, Barriers, and Postpartum Depression Predict Increases in Physical Activity over Six Months. International Society of Behavioral Nutrition and Physical Activity – Melbourne Australia, June 15-18.
- 2010 **Novotny, R**. Proposed project by Land Grant Colleges to address Childhood Obesity. 49th Meeting of the Pacific Island Health Officers Association. Honolulu, HI, September (**Invited**)
- 2010 **Novotny R** et al. Breast Density among Multiethnic Adolescent Girls. HMORN 2010. Austin TX.
- 2009 **Novotny R**. Nutrition and Body Composition of Children in Hawaii. Hawaii Initiative for Childhood Obesity Research and Education (HICORE), Pediatric Obesity Seminar Series, Kapi'olani Medical Center for Women & Children, American Academy of Pediatrics, Hawaii Chapter, Inc., RTRN-RCMI Translational Research Network, the Hawaii State Department of Health - Healthy Hawaii Initiative, and UH-JABSOM Department of Pediatrics. Honolulu. December (**Invited**)
- 2009 **Novotny R**. Workshop Introduction & The Female Adolescent Maturation Study. The Center for Health Research Cancer Summit. " Ethnicity, Nutrition and Cancer", Honolulu, November (**Invited**).
- 2009 **Novotny R**, Vijayadeva V, Grove J, Daida YG, LeMarchand L. Lower birth weight, greater bi-iliac breadth and Asian ancestry are associated with greater central obesity in adolescent girls in Hawaii. 19th International Congress of Nutrition, Oct. 4-9, Bangkok. Annals of Nutrition & Metabolism 55(Supp 11):99.
- 2009 Vijayadeva V, LeMarchand L, Grove J, Daida Y, **Novotny R**. Association of Leptin and Leptin Receptor Gene Polymorphisms with Plasma Leptin in Multiethnic Adolescent Girls in Hawaii, CTAHR Student Research Symposium, University of Hawaii at Manoa, April 4.
- 2008 **Novotny, R**. "Fruit Intake for Healthy Body Size in the Pacific Region". Tropical Fruits in Human Nutrition & Health Conference, Couran Cove, Australia, Nov. 8(**Invited**).
- 2008 **Novotny, R**. "Enhancing Bone Mass of Multiethnic Adolescents" Pediatrics Island style: the adolescent visit, Honolulu, HI October 9 (**Invited**).
- 2008 Osborne DL, Weaver C, McCabe LD, McCabe GM, **Novotny R**, Boushey C, Savaiano DA. "Assessing

- the relationship between skin pigmentation and measures of bone strength in adolescent females living in Hawaii.” 77th Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH, April 11.
- 2008 **Novotny R**, Williams A, Vinoya AC, Vogt T. “US immigration is associated with obesity among Asian-Pacific hotel workers in Hawaii.” 14th Annual HMO Research Network Conference, Minneapolis, MN, April 13-16.
- 2008 **Novotny R**, Vijayadeva V, Grove J, Daida Y, LeMarchand L. “Pubic hair pubertal stage is more strongly associated with female adolescent bone mass than breast pubertal stage in an Asian-White population in Hawaii.” Experimental Biology Annual Meeting, San Diego, CA, April 8.
- 2008 Oshiro C, **Novotny R**, Williams AE, Vinoya AC, Abright C, Vogt TM. “Body mass index is inversely associated with fruit intake and fruit juice availability in the hotel environment.” Experimental Biology Annual Meeting, San Diego, CA, April 5-9.
- 2008 Daida Y, **Novotny R**, Vijayadeva V, Grove J, LeMarchand L. “Influence of lean and fat mass on bone mineral content in Asian and White adolescent girls.” Experimental Biology Annual Meeting, San Diego, CA, April 5-9.
- 2008 Vijayadeva V, Grove J, **Novotny R**, LeMarchand L, Daida Y. “Adolescent girls with higher trunk fat and trunk-to-peripheral skinfold ratio reach menarche early.” Experimental Biology Annual Meeting, San Diego, CA, April.
- 2008 **Novotny R**. “BioNutrition and The Center for Health Research.” Registered Dieticians Kuleana Meeting, Kaiser Permanente Kapolei Clinic, Kapolei, HI, February 27.
- 2008 **Novotny R**. “Pacific Kids DASH for Health (PacDASH).” Kaiser Permanente Pediatric Grand Rounds, Honolulu, HI, February 12.
- 2007 **Novotny R**. “Factors influencing female adolescent body size, shape and composition.” Kaiser Permanente Grand Rounds, Honolulu, HI, November 28.
- 2007 **Novotny R**. “TCHR Bionutrition Research.” TCHR Professional Board Meeting, Portland, OR, November 12.
- 2007 **Novotny R**. “Bone of Asian Pubertal Girls in Hawaii: The Female Adolescent Maturation (FAM) Study.” American Society for Bone and Mineral Research (ASBMR) 29th Annual Meeting, Honolulu, HI, September 16.
- 2007 **Novotny R**. “Mixed ethnicity and health.” NHLBI, NIH, Rockville, MD, June 25. **Invited.**
- 2007 **Novotny R**, Coleman P, Tenorio L, Davison N, Camacho T, Ramirez V. “Acanthosis nigricans among Pacific Islander children in the Commonwealth of the Northern Marianas.” Experimental Biology Annual Meeting, Washington DC, April.
- 2006 Blitz CL, Murphy SP, **Novotny R**, Jung YO, Au DM, Davison N. “The Pacific Tracker (PACTRAC): Development of a dietary assessment instrument for the Pacific. National Nutrient Databank Conference, Honolulu, HI, September.
- 2006 **Novotny R**. “Health emergencies in large populations.” **Invited** Food & Nutrition, Honolulu, HI, July 20.

- 2006 **Novotny R.** "Evolution of the nutritional assessment of populations research program toward a vision for the Center for Health Research Hawaii." **Invited** Hawaii and Oregon, January/February.
- 2005 **Novotny R.** "Body composition of multiethnic youth." **Invited** Food and Nutrition Division Seminar, Food and Agriculture Organization, Rome, Italy, August.
- 2005 Binkley N, **Novotny R**, Krueger D, Kawahara-Baccus T, Daida YG, Gemar D, Lensmeyer G, Drezner MK. "Inadequate Vitamin D status despite abundant sun exposure." American Society of Bone Mineral Research, Nashville, TN, October.
- 2005 **Novotny R.** "Dairy, calcium and body size: Emerging science for adolescents." **Invited** Nutrition Forecast Meeting, Coronado, CA, May.
- 2005 Murphy S, **Novotny R**, Blitz C, Au D. "Expanding the Cancer Research Center of Hawaii's Food Composition Table for use in other Pacific Island." Oceaniafoods, New Zealand, April.
- 2005 **Novotny R**, et al. "Asian, Hispanic and White adolescent body size, composition and fat distribution." Experimental Biology, San Diego, CA, April.
- 2004 **Novotny R.** "Obesity/health issues. The tapestry of our cultures." **Invited** 2004 Western Regional Joint Summer Meetings, Guam, June 21.
- 2004 Nabokov V, **Novotny R.** "Body composition among Samoans in Hawaii." CTAHR Student Research Symposium, April 2-3.
- 2003 **Novotny R.** "Dairy is a girl's best friend. Obesity: Weighing the options." **Invited** National Dairy Farmers of Canada, Montreal and Toronto, April 23/25.
- 2003 **Novotny R.** "Nutrition and maturation of Hawaii's teens." **Invited** 2003 HDA Spring Conference, Hawaii's Nutrition Gift to the World, April 4.
- 2003 **Novotny R.** "Female adolescent maturation." (**Invited**) Kaiser Permanente Clinical Research Center, Honolulu, HI, March.
- 2002 **Novotny R**, Daida YG, Vogt TM, Grove JS, Acharya S. "Earlier menarche is associated with formula feeding during infancy." Eighth RCMI International Symposium on Health Disparities 2002, Honolulu, HI, December.
- 2002 **Novotny R.** "Female Adolescent Maturation-II Study and improving bone health in adolescence through targeted behavioral intervention." (**Invited**) Clinical Research Center External Advisory Committee Meeting, Honolulu, HI, May.
- 2002 **Novotny R**, Daida YG, Vogt TM, Grove JS, Paperny D, Acharya S. "Asians have earlier menarche but lower dietary calcium intake than whites and no difference in calcaneal broadband ultrasound attenuation." ASNS/Experimental Biology, New Orleans, LA, April.
- 2002 **Novotny R.** "Healthy Living in the Pacific Islands (HLPI) Initiative." **Invited** WIC Annual Meeting, Honolulu, HI, May.
- 2002 **Novotny R.** "Weight and pregnancy." **Invited** WIC Nutritionists Training, Honolulu, HI, March.
- 2001 **Novotny R.** "The nutrition transition in the Pacific." **Invited** Center for Pacific Island Studies, UH, June.
- 2001 **Novotny R.** "Assessment of bone mass and density for prevention of osteoporosis." **Invited** CTAHR: Role in Economic Revitalization, Nutrition and Environmental Sustainability and Education Using Innovative Technology, September.

- 2001 **Novotny R.** “Tips for successful grant writing.” **Invited** CTAHR Pre-Award Seminar, UH, May.
- 2001 Acharya S, **Novotny R.** “Maternal fat loss during pregnancy compensates infant birth size.” CTAHR Student Research Symposium, UH, Honolulu, HI, April (Second Prize- Oral Presentation, MS student).
- 2001 **Novotny R.**, Goh Y. “Pubertal stage and body fat are independently associated with bone mass among Asian and Caucasian adolescents in Hawaii.” Experimental Biology 2001, Orlando, FL, April.
- 2000 Meng L, Maskarinec G, **Novotny R.** “Dietary patterns and mammographic densities in a multi-ethnic population.” AACR, 91st Annual Meeting, San Francisco, CA, April.
- 2000 **Novotny R.** “Food and nutrition in: Health emergencies in large populations.” **Invited** Center of Excellence in Disaster Management and Humanitarian Assistance, World Health Organization Collaborating Center, East-West Center, Honolulu, HI, July.
- 1999 **Novotny R.** “Food and nutrition in: Health emergencies in large populations.” **Invited** Humanitarian Assistance, World Health Organization Collaborating Center, East-West Center, Honolulu, HI, July.
- 1999 **Novotny R.** “Intercultural communications: Food and culture in South and Southeast Asia.” **Invited** Maui Plant Protection and Quarantine, Kahului, HI, June.
- 1998 **Novotny R.** “Understanding BMI.” (**Invited**) WIC Annual State Conference, Honolulu, HI, September.
- 1998 Edwards CL, **Novotny R.**, Claybaugh J, Weems C. “Serum prealbumin decreases during pregnancy.” The American Dietetic Association, Kansas City, MO, October.
- 1998 **Novotny R.** “A new approach to nutritional assessment in population-based studies.” **Invited** Cancer Research Center of Hawaii, Honolulu, HI, June.
- 1997 **Novotny R.**, Davis J, Ross P, Biernacke I. “Maternal pelvic size, as measured by DXA, predicts infant birthweight.” International Union of Nutritional Scientists, Montreal, Quebec, Canada, August.
- 1997 **Novotny R.** “Factors Influencing the Consumption of Calcium-Rich Food Among Adolescents.” **Invited** The Hawaii Dietetic Association, Annual Spring Conference, Honolulu, May.
- 1996 **Novotny R.** “When to use focus groups?” **Invited** Pacific MCH Coordinator’s Conference, School of Public Health, University of Hawaii, Honolulu, December.
- 1996 Biernacke I, **Novotny R.**, Davis J. “The precision of pelvic measurements using dual energy xray absorptiometry.” CTAHR Student Symposium, University of Hawaii, Honolulu, HI, April. (Second Prize - undergraduate student).
- 1995 Ng FL, **Novotny R.** “Validity of the 24-hour dietary recall in dietary assessment in Eastern Indonesia.” CTAHR Student Research Symposium, University of Hawaii, Honolulu, HI, April. (First Prize - Oral Presentation of Master’s student).
- 1995 **Novotny R.** “Food and culture of Indonesia.” (**Invited**) Hawaii Nutrition Council, Honolulu, HI, March.
- 1994 **Novotny R.** “Dietary Diversity in Western Seram.” Third Annual Maluku Conference, Ambon, Indonesia, July.
- 1992 Kieffer E, **Novotny R.**, Mor J, Thiele M. “Factors influencing infant feeding method choice in a multiethnic

- population.” American Public Health Association, New Orleans, LA, November.
- 1992 **Novotny R**, Kieffer E, Mor J, Thiele M, Nikaïdo M. “Infant feeding method choice in a WIC population in Hawaii.” Implications for Breastfeeding Promotion Programs, American Public Health Association, November.
- 1992 **Novotny R**. “Who is breastfeeding in Hawaii?” **Invited** WIC State Conference, Honolulu, HI, October.
- 1992 **Novotny R**. “Promoting nutrition in developing countries.” **Invited** First Thursday Forum, Church of the Crossroads, Honolulu, HI, March.
- 1991 Kieffer EC, **Novotny RN**, Mor J, Thiele M. “Breastfeeding in Hawaii and the Year 2000 Objectives.” American Public Health Association, November.
- 1991 **Novotny R**, Kieffer EC, Mor J, Thiele M. “Infant feeding practices of Filipinos born in the U.S. and in the Philippines and living in Hawaii.” 6th Asian Congress of Nutrition, Kuala Lumpur, Malaysia, September.
- 1991 **Novotny R**, Kieffer EC, Mor J, Thiele M. “Factors related to breastfeeding initiation and duration in Hawaii.” Pacific Science Congress, Honolulu, HI, May.
- 1990 **Novotny R**. “Nutritional status of reproductive women: Emphasis on anthropometric measurements.” **Invited** Trisakti University, Jakarta, Indonesia, June.
- 1989 Baruffi G, Alexander G, **Novotny R**. “Causes of infant mortality in a multiethnic population.” National Perinatal Association, Washington, D.C., November.
- 1989 **Novotny R**. “Rate of growth in length of Bangladeshi infants” **Invited** 14th International Congress of Nutrition, Seoul, South Korea, August.
- 1989 **Novotny R**. “Rate of growth in length of Bangladeshi infants.” Association of Teachers of Maternal-Child Health, Washington, D.C., March.
- 1988 **Novotny R**. “Pansur Nauli demonstration project.” **Invited** Human Survival 1988-2000, A Conference, Windward Community College, HI, November.
- 1988 **Novotny R**. Panel. “Field responses to the Child Survival Movement.” **Invited** Child Survival Day, School of Public Health, University of Hawaii, February.
- 1987 **Novotny R**. “Title II Enhancement and child survival.” **Invited** AID, Dominican Republic, December.
- 1987 **Novotny R**. “Changing philosophies, programs and practices.” National Council for International Health, Washington, D.C., June.
- 1985 **Novotny R**. “Alimentacion, salud y estado nutricional del nino preescolar en la Sierra Ecuatoriana.” **Invited** 45 Congreso Internacional de Americanistas, Bogota, Columbia, July.
- 1984 **Novotny R**. “Hot and cold in illness and health in Gualaceo, Ecuador.” **Invited** 83rd Annual Meeting, American Anthropological Association, Denver, CO, November.

POSTER PRESENTATIONS

- 2016 Techur-Pedro A, Chutaro E, Tilfas P, **Novotny R**. Strengthening Health Workforce Capacity in the USAPI: PIHOA Pacific CHOR Project. PIHOA 60th Board Meeting, Honolulu.

- 2016 Yonemori KM, Ennis T, **Novotny R**, Fialkowski MK, Ettienne R, Wilkens LR, Leon Guerrero RT, Bersamin A, Coleman P, Boushey CJ. Collecting wrappers, labels, and packages to enhance dietary information from food records among children 2-8 years participating in the Children's Healthy Living Program (CHL) for remote underserved minority populations in the Pacific region. National Nutrient Database Conference, May 16 – 18, 2016.
- 2016 Villiger RK, Boushey CJ, Yonemori KM, **Novotny R**, Fialkowski MK, Esquivel M, Banna JC. How does Hawai'i stack up: Comparing nutrient intake in 2-8 year old participants in the Children's Healthy Living (CHL) program in Hawai'i (HI) to National Health and Nutrition Examination Survey (NHANES). College of Tropical Agriculture and Human Resource Research Symposium. University of Hawai'i at Mānoa, April 8 – 9, 2016.
- 2016 Fialkowski MK, Esquivel MK, **Novotny R**. Fostering Grant Writing Skills: A Student Learning Objective of the Intercollege Nutrition PhD Program. 2016 Assessment for Curriculum Improvement Poster Exhibit, University of Hawai'i at Mānoa. April 15, 2016.
- 2015 Fialkowski MK and **Novotny R**. Integrated Monitoring and Evaluation in the Intercollege Nutrition PhD Program. 2015 Assessment for Curriculum Improvement Poster Exhibit, University of Hawai'i at Mānoa. April 17, 2015.
- 2015 Tufa A, Hurwitz E, **Novotny R**, Fialkowski MK, Li F, Areta A. Acculturation and Childhood overweight and obesity in American Samoa: Results from the Children's Healthy Living (CHL) Program. College of Tropical Agriculture and Human Resource Research Symposium. University of Hawai'i at Mānoa, April 10 – 11, 2015.
- 2014 Fialkowski MK, Delormier T, Hattori-Uchima M, Paulino Y, Deenik J, Areta A, Bersamin A, Boushey C, Nigg C, Kim J, Leslie J, Dunn M, **Novotny R**. Community-Based Projects for Training Underserved Minority Students of the U.S. Affiliated Pacific in the Children's Healthy Living Program. He Huliau Conference, Kapolei, HI, September 18 – 20, 2014.
- 2015 Badowski G, Leon Guerrero RT, Simsiman B, **Novotny R**, Wilkens L. Cumulative incidence rates of breast cancer for Filipinos and Chamorros in Guam and the United States *Cancer Research* 75(15 Supplement):3702-3702 · July 2015
- 2014 **Novotny R**, Fialkowski MK, Li F, Vargo D, Paulino Y, Jim R, Coleman P, Bersamin A, Nigg C, Leslie J, Leon Guerrero RT, Deenik J, Kim J, Wilkens LR. Prevalence of young child overweight and obesity in the US Affiliated Pacific Region: Children's Healthy Living Program (CHL). American Society of Nutrition Sciences Annual Meeting, San Diego, CA, April.
- 2013 **Novotny R**, Nigg CR, Li F, Renda GR, Wilkens LR. Pacific Kids DASH for Health (PacDASH) Tailored Multilevel Intervention for Prevention of Obesity and Elevated Blood Pressure among Multiethnic Children. International Congress of Nutrition, Granada, Spain.
- 2012 Paulino Y, Wilkens Y, Katz A, **Novotny R**. Validation of the Areca (Betel) Nut State-Added Questionnaire in the Guam Behavioral Risk Factor Surveillance System (BRFSS)" has been selected for Poster presentation during the 140th APHA Annual Meeting (October 27 - October 31, 2012) in San Francisco, CA
- 2012 LeonGuerrero RL, **Novotny R**, Wilkens L, Chong M. "Development and validation of a quantitative FFQ for Guam". 2012 Experimental Biology Conference April 21-25, 2012 (poster).
- 2012 LeonGuerrero RL, Blas MS, Bordallo R, Buyum A, **Novotny R**. "Recruitment of Pacific Islander Women for the Breast Cancer Risk Model in Pacific Islander (BRISK) study in the Mariana Islands". 12th Biennial Symposium on Minorities, the Medically Underserved and Health Equity, June 27 – July 1, 2012
- 2012 Oshiro C, Grove J, **Novotny R**. Birth Size, Gestational Age, and BMI at Age 5y, HMO Research Network, March.
- 2011 Paulino Y, **Novotny R**, et al. Areca nut use is associated with obesity and arthritis in Guam: results from the 2007 Behavioral risk factor surveillance system", 3rd North American Congress of Epidemiology, June 21-24, Montreal.

- 2010 Oshiro C, Grove J, **Novotny R**. Asian ancestry and birth length are associated with height among females during adolescence. Experimental Biology, Anaheim, CA.
- 2010 Daida Y, **Novotny R**. Infant feeding patterns of multiethnic mothers. Experimental Biology, Anaheim, CA.
- 2010 Vijayadeva V, **Novotny R**, et al. "Association of Leptin Receptor Gene Polymorphisms with Body Fat Distribution in Multiethnic Adolescent Girls of Hawaii". Experimental Biology 2010, Anaheim CA.
- 2010 **Novotny R**, et al. "Food and nutrient intakes of native Hawaiian, Filipino and White children and their caregivers. Experimental Biology. Anaheim, CA.
- 2009 Vogt TM, Williams AE, Stevens VJ, Albright C, Nigg C, **Novotny R**, Meenan R. Reducing Obesity in Worksites: Final Results of the Work, Weight, and Wellness (3W) Program. HMO Research Network, Danville PA, April.
- 2009 Epplein N, **Novotny R**, Daida Y, Vijayadeva V, Le Marchand L. Maternal and intrauterine hormone-related exposures and daughter's age at menarche in a multiethnic population in Hawaii. AACR Conference on The Science of Cancer Health Disparities, Carefree, AZ, February 3-6.
- 2006 Gittelsohn J et al. "Food preparation and psychosocial factors affect dietary intake in Native Hawaiian communities: Baseline Results from the Healthy Foods Hawaii Intervention." Experimental Biology '06, San Francisco, CA, April.
- 2006 Daida Y, **Novotny R**, et al. "Birth weight is negatively associated with DXA trunk to periphery fat ratio of multiethnic adolescent girls." Experimental Biology '06, San Francisco, CA, April.
- 2006 Oshiro C, Vijayadeva V, Daida Y, **Novotny R**, Grove J, LeMarchand L. "Protein intake is positively associated with waist circumference in female adolescents." Experimental Biology '06, San Francisco, CA, April.
- 2006 Lee SK, Lee SK, Park SY, Oshiro C, **Novotny R**. "Negative association between dietary calcium intake and body fat of Koreans in Hawaii." Experimental Biology '06, San Francisco, CA, April.
- 2006 **Novotny R**, Coleman P, Tenorio L, Davison N, Camacho T, Ramirez V, Danigellis E, Vijayadeva V, Untalan P, Tudela M. "Breastfeeding is associated with lower risk of overweight among children of the commonwealth of the Northern Marianas Islands." Experimental Biology '06, San Francisco, CA, April.
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