

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

Education

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

Professional Appointments

<u>Title</u>	<u>Employer</u>	<u>Dates Employed</u>
Professor (tenured 1995)	UHM/CTAHR/HNFAS	Jan 1990-present
Interim Dean	UHM/CTAHR	July 2016-Oct 2017
Chair, Nutritional Sci Grad. Programs	UHM	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, Seattle	1979-1980
Phlebotomist/ Medical Interviewer	Puget Sound Blood Center, Seattle	1979
Field Investigator	Instituto de Investigaciones en Salud (INISA), San Jose Costa Rica	1978 1976
Research Supervisor	US Army Corps Eng, Rock Isl, IL	

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	1991-2020
FSHN/PH 699	Directed Reading and Research	1-12 credits	1990-2023
FSHN 700	Thesis Research	1-9 credits	1990-2004
FSHN/PH 800	Dissertation Research	1 credit	2009-2023

Publications

Book Chapters

- 2022 Held S, McCormick A, Simonds V, Braun KB, Linda Burhansstipanov, Emily Haozous, Rangel V, Chung-Do JJ, Ho-Lastimosa I, **Novotny R**, Revilla MKF, Using Community-Based Participatory Research to Address Indigenous Health In: Burhansstipanov L and Braun KL, editors. Indigenous Public Health: Improvement through Community-Engaged Interventions. University Press of Kentucky, Lexington, KY. 2022.
- 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 in 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

- 2023 Ing CT, Clemens B, Ahn HJ, Kaholokula JK, Hovmand PS, Seto TB, **Novotny R**, Food Insecurity and Blood Pressure in a Multiethnic Population. Int. J. Environ. Res. Public Health 2023, 20, 6242. <https://doi.org/10.3390/ijerph20136242>.
- 2023 Taren D, Alaofè H, Yamanaka AB, Coleman P, Fleming T, Aflague T, Shallcross L, Wilkens L, **Novotny R.** Diet and Acanthosis Nigricans over a Two-Year Period in Children of the Pacific Region. Nutrients 2023, 15, 2718. <https://doi.org/10.3390/nu15122718>.
- 2023 Smith T, Chong KH, Cross, P, Ipil M, Eliou P, **Novotny R**, Okely AD. Prevalence and socio-demographic distributions of meeting RMI Guidelines for Healthy Living among elementary school children in Majuro, Republic of

- Marshall Islands: a cross-sectional population-based survey. *The Lancet Regional Health-Western Pacific*. <https://doi.org/10.1016/j.lanwpc.2023.100783>
- 2023 Hingle M, Short E, Aflague T, Boushey C, Butel B, Coleman P, Deenik J, Fleming T, Olfert M, Shallcross L, Wilkens LR, **Novotny R**, Food Security is Associated with Higher Diet Quality Among Children of the US Affiliated Pacific Region, *The Journal of Nutrition*, <https://doi.org/10.1016/j.tjnut.2023.01.015>.
- 2022 Shvetsov YB, Wilkens LR, White KK, Chong M, Buyum A, Badowski G, Leon Guerrero RT, **Novotny R**. Prediction of breast cancer risk among women of the Mariana Islands: the BRISK retrospective case-control study. *BMJ Open*. 2022 Dec 9;12(12):e061205. doi: 10.1136/bmjopen-2022-061205. PMID: 36600333; PMCID: PMC9743286.
- 2022 Loo BKG, Okely A, Taylor R, **Novotny R**, Wickramasinghe P, Müller-Riemenschneider F, Gade G, Pulungan A, Kusuda S, Tan KH, Asia-Pacific 24-Hour Activity Guidelines for the Early Years Asia-Pacific consensus statement on integrated 24-hour activity guidelines for the early years Committee <https://www.ncbi.nlm.nih.gov/sites/myncbi/rachel.novotny.1/bibliography/5459964/public/?sort=date&direction=ascending> *The Lancet Regional Health -Western Pacific* 2022;100641Published Online <https://doi.org/10.1016/j.lanwpc.2022.100641>
- 2022 **Novotny R**, Yamanaka AB, Dela Cruz R, Strasburger S, Boushey CJ, Butel J, Esquivel M, Aflague TF, Fleming T, Coleman P, Deenik J, Shallcross L, Wilkens LR. Food Group, Macronutrient Intake, and Metabolic Status in the US-Affiliated Pacific's Children's Healthy Living (CHL) Program. *Journal of Nutrition*, Volume 152, Issue 12, December 2022, Pages 2898–2912.
- 2022 Yamanaka AB, Strasburger S, Chow C, Butel J, Wilkens L, Davis JD, Deenik J, Shallcross L, **Novotny R**. Food and Physical Activity Environment in the US-Affiliated Pacific Region: The Children's Healthy Living Program. *J Nutr Educ Behav*. 2022 Nov 11:S1499-4046(22)00489-4. doi: 10.1016/j.jneb.2022.08.009. Epub ahead of print. PMID: 36372662.
- 2022 Dela Cruz R, Wolfe E, Yonemori KM, Fialkowski MK, Wilkens LR, Coleman P, Lameko-Mua S, Johnson E, Gilmatam D, Sigrah C, Shomour M, Remengesau S, Alfred J, Acosta M, Ettienne R, Deenik J, Aflague TF, Nelson R, Salazar KA, **Novotny R**, Boushey CJ. Consumption of Traditional Fruits and Vegetables among Children in the US-Affiliated Pacific Region. *Curr Dev Nutr*. 2022 Jun 16;6(7):nzac101. doi: 10.1093/cdn/nzac101. PMID: 35854938; PMCID: PMC9283104.
- 2022 **Novotny R**, Yamanaka A, Butel J, Boushey CJ, Dela Cruz R, Aflague T, Coleman, P, Shallcross L, Fleming T, Wilkens LR. Maintenance Outcomes of the Children's Healthy Living Program on Overweight, Obesity, and Acanthosis

Nigricans Among Young Children in the US-Affiliated Pacific Region: A Randomized Clinical Trial. *JAMA Netw Open*. 2022;5(6):e2214802. doi:10.1001/jamanetworkopen.2022.14802

- 2022 Kai J, Chen JJ, Braun KL, Kaholokula JK, **Novotny R**, Boushey CJ, Fialkowski MK*Associations between cultural affiliations, household membership and diet quality among Native Hawaiian, Pacific Islander, and Filipino infants in Hawai'i. *Children*. **2022**, 9(1), 48; <https://doi.org/10.3390/children9010048>
- 2021 Taren D, Akseer N, Davis CD, Miller JW, Moustaid-Moussa N, **Novotny R**, Slupsky CM, Saroja Voruganti V, Cameron JM. Eighty years of nutritional sciences, and counting. *Nutr Rev*. 2021 Dec 8;80(1):1-5. doi: 10.1093/nutrit/nuab112. PMID: 34891168.
- 2021 Bailey RL, Ard JD, Davis TA, Naimi TS, Schneeman BO, Stang JS, Dewey KG, Donovan SM, **Novotny R**, Snetselaar LG, de Jesus J, Casavale KO, Pannucci T, Stoody EE. A Proposed Framework for Identifying Nutrients and Food Components of Public Health Relevance in the Dietary Guidelines for Americans. *J Nutr*. 2021 May 11;151(5):1197-1204. doi: 10.1093/jn/nxaa459. PMID: 33693925; PMCID: PMC8324230.
- 2021 English LA, Ard JD, Bailey RL, Bates M, Bazzano L, Boushey C, Brown C, Butera G, Callahan EH, de Jesus J, Mattes RD, Mayer-Davis EJ, **Novotny R**, Obbagy JE, Rahavi EB, Sabate J, Snetselaar L, Stoody E, Van Horn L, Venkatramanan S, Heymsfield SB. Evaluation of Dietary Patterns and All-Cause Mortality: A Systematic Review. *JAMA Network Open*. 2021 Aug 2;4(8):e2122277.
- 2021 Nevins JE, Donovan SM, Snetselaar L, Dewey KG, **Novotny R**, Stang J, Taveras EM, Kleinman RE, Bailey RL, Raghavan R, Scinto-Madonich SR. Omega-3 fatty acid dietary supplements consumed during pregnancy and lactation and child neurodevelopment: a systematic review. *The Journal of Nutrition*. 2021 Nov;151(11):3483-94, <https://doi.org/10.1093/jn/nxab238>.
- 2021 Yamanaka AB, Davis JD, Wilkens LR, Hurwitz EL, Fialkowski MK, Deenik J, Guerrero RT, **Novotny R**. Determination of Child Waist Circumference Cut Points for Metabolic Risk Based on Acanthosis Nigricans, the Children's Healthy Living Program. *Preventing Chronic Disease*. 2021;18.2021;18:210021. DOI:<https://doi.org/10.5888/pcd18.210021>
- 2021 Dewey KG, Pannucci T, Casavale KO, Davis TA, Donovan SM, Kleinman RE, Taveras EM, Bailey RL, **Novotny R**, Schneeman BO, Stang J, de Jesus J, Stoody EE. Development of Food Pattern Recommendations for Infants and Toddlers 6-24 Months of Age to Support the Dietary Guidelines for Americans, 2020-2025. *J Nutr*. 2021 Oct 1;151(10):3113-3124. doi: 10.1093/jn/nxab201. PMID: 34195834.

- 2021 **Novotny R**, Earle ME, Jung YO, Julian GJ, Hill E, LeonGuerrero R, Coleman P, Deenik J, Boushey C, Wilkens LR. Pacific Tracker (PacTrac) version 3.1 Diet and Physical Activity Assessment Tool for the Pacific Region. *Hawaii Journal of Health and Social Welfare*, July 2021, VOL 80, NO 7, pgs 21-24.
- 2021 Butel J, Braun KL, Davis J, Bersamin A, Fleming T, Coleman P, Leon Guerrero R, **Novotny R**. Community Social Network Pattern Analysis: Development of a Novel Methodology Using a Complex, Multi-Level Health Intervention. *Gateways: International Journal of Community Research and Engagement*. 2021: Vol. 14, No. 1 May.
- 2021 Schneeman BO, Ard JD, Boushey CJ, Bailey RL, **Novotny R**, Snetselaar LG, de Jesus JM, Stoody EE. Perspective: Impact of the National Academy of Sciences, Engineering, and Medicine Report on the Process for the 2020 Dietary Guidelines Advisory Committee. *Adv Nutr*. 2021 Jul 30;12(4):1051-1057. doi: 10.1093/advances/nmab023. PMID: 33734285; PMCID: PMC8382515
- 2020 Donovan S, Dewey K, **Novotny R**, Stang J, Taveras E, Kleinman R, Raghavan R, Nevins J, Scinto-Madonich S, Kim JH, Terry N, Butera G, Obbagy J. Dietary Patterns during Lactation and Postpartum Weight Loss: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35263068.
- 2020 Donovan S, Dewey K, **Novotny R**, Stang J, Taveras E, Kleinman R, Spill M, Kim JH, Nevins J, Raghavan R, Scinto-Madonich S, Butera G, Terry N, Obbagy J. Folic Acid from Fortified Foods and/or Supplements during Pregnancy and Lactation and Health Outcomes: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35289987.
- 2020 Mayer-Davis E, Leidy H, Mattes R, Naimi T, **Novotny R**, Schneeman B, Kingshapp BJ, Spill M, Cole NC, Butera G, Terry N, Obbagy J. Alcohol Consumption and All-Cause Mortality: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35353467.
- 2020 Mayer-Davis E, Leidy H, Mattes R, Naimi T, **Novotny R**, Schneeman B, Kingshapp BJ, Spill M, Cole NC, Bahnfleth CL, Butera G, Terry N, Obbagy J. Beverage Consumption During Pregnancy and Birth Weight: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35349234.
- 2020 Mayer-Davis E, Leidy H, Mattes R, Naimi T, **Novotny R**, Schneeman B, Kingshapp BJ, Spill M, Cole NC, Butera G, Terry N, Obbagy J. Added Sugars Consumption and Risk of Cardiovascular Disease: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35353466.

- 2020 Mayer-Davis E, Leidy H, Mattes R, Naimi T, **Novotny R**, Schneeman B, Kingshipp BJ, Spill M, Cole NC, Bahnfleth CL, Butera G, Terry N, Obbagy J. Beverage Consumption and Growth, Size, Body Composition, and Risk of Overweight and Obesity: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35349233.
- 2020 Donovan S, Dewey K, **Novotny R**, Stang J, Taveras E, Kleinman R, Raghavan R, Nevins J, Scinto-Madonich S, Terry N, Butera G, Obbagy J. Dietary Patterns during Lactation and Developmental Milestones, including Neurocognitive Development, in the Child: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35258872.
- 2020 Donovan S, Dewey K, **Novotny R**, Stang J, Taveras E, Kleinman R, Raghavan R, Nevins J, Scinto-Madonich S, Kim JH, Terry N, Butera G, Obbagy J. Dietary Patterns during Pregnancy and Gestational Weight Gain: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35258871.
- 2020 Donovan S, Dewey K, **Novotny R**, Stang J, Taveras E, Kleinman R, Raghavan R, Nevins J, Scinto-Madonich S, Kim JH, Terry N, Butera G, Obbagy J. Dietary Patterns during Pregnancy and Gestational Weight Gain: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35258871.
- 2020 Donovan S, Dewey K, **Novotny R**, Stang J, Taveras E, Kleinman R, Nevins J, Raghavan R, Scinto-Madonich S, Venkatramanan S, Butera G, Terry N, Obbagy J. Omega-3 fatty acids from Supplements Consumed before and during Pregnancy and Lactation and Developmental Milestones, Including Neurocognitive Development, in the Child: A Systematic Review [Internet]. Alexandria (VA): USDA Nutrition Evidence Systematic Review; 2020 Jul. PMID: 35289988.
- 2020 Korn AR, Butel J, Davis J, Yamanaka AB, Coleman P, Wilkens LR, Economos CD, **Novotny R**. Role of social ecological model level on young Pacific children's sugar-sweetened beverage and water intakes: Children's Healthy Living intervention. *Public Health Nutr.* 2020 Nov 25:1-6. doi: 10.1017/S1368980020004796. Epub ahead of print. PMID: 33234187.
- 2020 Leon Guerrero R, Barber LR, Aflague T, Paulino Y, Hattori-Uchima M, Acosta M, Wilkens L, **Novotny R**. Prevalence and Predictors of Overweight and Obesity Among Young Children in the Children's Healthy Living Study on Guam. *Nutrients* 2020, *12*, 2527; doi:10.3390/nu12092527. PMCID:PMC7551370
- 2020 Badowski G, Simsiman B, Bordallo R, Green M, Shvetsov YB, Wilkens LR, **Novotny R**, Leon Guerrero RT. Cumulative Incidence rates of Breast Cancer by age for Filipinos and Chamorros in Guam. *Hawaii Journal of Health & Social Welfare*,

June 2020:79(6). Supplement 2, pgs 40-44.

- 2020 Greenberg JA, Luick B, Alfred JM, Barber LR, Bersamin A, Coleman P, Esquivel M, Fleming T, Leon Guerrero RT, Hollyer J, Johnson EJ, **Novotny R**, Remengesau SD, Yamanaka Y. The Affordability of a Thrifty Food Plan-based Market Basket in the United States-affiliated Pacific Region. *Hawaii Journal of Health and Social Welfare* JULY 2020, VOL 79, NO 7;17-23.
- 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..
- 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>.
- 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.
- 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.
- 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
- 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.* 16:958DOI 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. Bioimpedence 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*

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- 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

- 2023- present Editorial Board, Journal of Nutrition, Oxford University Press.
- 7/23 American Society of Nutrition, Nutrition Education and Behavioral Science Trailblazer Award
- 6/22 American Society of Nutrition Fellow, Class of 2022.
- 2022 ARCS Foundation, Scientist of the Year Award 2021
- 2022 Dean's Award for Research, CTAHR, Univ. Hawaii
- 2019 CHL Program, Mission Integration of Research, Education and Extension, NIFA, USDA
- 2019- present Associate Editor, Nutrition Reviews Journal, International Life Sciences Institute, Washington DC.
- 2019- 2020 2020-2025 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	14
Chair of PhD Committees	2	8
Member of Master's Committees	1	11
Member of PhD Committees	3	16

Grant Support

- 2023-2028 **Advanced Training Program in Artificial Intelligence for Precision Nutrition Science Research (HI-AIPrN)** Deng/Novotny. NIH/NIDDK T32DK137523. \$2,240,395. total. Role: MPI
- 2021-2026 **Integrative Center for Precision Nutrition and Human Health.** P20GM139753, PI Marla Berry, \$11 million total, Role: Co-I
- 2021-2023 **FY21 Thrifty Food Plan- Alaska and Hawaii Data Project.** (CHL Food Cost and Consumption Patterns). USDA-FNS-CNPP-TFP-21-HI-01 Grant/Cooperative Agreement. PI Novotny Primary Performance Site: UH, \$512,529 total, Role: PI
- 2021-2026 **Food System Resilience for Children's Healthy Living** (CHL Food Systems):A Center of Excellence. USDA/NIFA/AFRI Grant 2021-68012-35899 PI Rachel Novotny Primary Performance Site: University of Hawaii at Manoa \$10,000,000 total. Role: PI
- 2021- 2026 **Center for Pacific Innovations, Knowledge, and Opportunities (PIKO)** NIH/NIGMS U54GM138062. PI Joseph Keawe'aimoku Kaholokula. Primary Performance Site: University of Hawaii at Manoa. \$ 15,000,000 total. Role: Co-I
- 2021-2025 **FY21 SNAP Longitudinal Data Project (LDP)** Hall, Mimari. \$2,178,480 total. USDA FNS. Role: Co-I
- 2021-2024 **PRECIS: PRrecision Evidence for Childhood obesity prevention Interventions** Nicholds, Melanie \$1,230,638AUD total Australian National Health and Medical Research Council (NHMRC) Role: Associate Investigator
- 2019-2024 **Systems Science Informed Multilevel Theoretical Model of Cardiovascular Health in Native Hawaiians** Ing, Claire Thompson \$355,257 total. NIH- NHLBI K01 Role: Primary Mentor

- 2018-2023 **Children`s Healthy Living Center of Excellence (CHL Center)** National Institute of Food and Agriculture/USDA. Award Number 2018-69001-27551 \$2,125,903 total. Role: Principal Investigator/Project Director.
- 2016- 2026 **Children`s Healthy Living Network (CHLN) in the US Affiliated Pacific.** Hatch/Multistate Project. Salary. W1194, W2194, NIFA/USDA Role: 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 total University of Tennessee. USDA/NIFA.20155-67001-24289 Role: Co-Investigator/Co-Project Director (\$113,944).
- 2013-2015 **Monitoring Alliance for NCD Action in the Pacific (MANA Pasifika)** Swinburn B, PI University of Auckland, NZ, \$399,806 total. 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. Salary **Novotny R (HAW02020).**
- 2011-2017 **Children`s Healthy Living Program for Remote Underserved Minority Populations in the Pacific Region (CHL).** USDA/AFRI/NIFA. \$24,777,481 total Award no. 2011-68001-30335, CRIS no. 0224871. Role: **Novotny R,** Principal Investigator/Director.
- 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 total. **Novotny R, Role** 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 total. **Novotny R,** Role: 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 total- 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. **Novotny R, PI—\$1,490,000 total.** (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. **Novotny R, Co-Investigator—\$11,948 subcontract (U19 HL 091179)**
- 2007-2011 **Physical Activity in Women with Infants.** NIH (Albright). \$1,970,341 total. **Novotny R, Co-Investigator—\$83,173 (1R01CA115614 - 01A2)**
- 2007-2008 **HMORN CERT. Harvard Pilgrim (Platt).** **Novotny R, Site PI—\$22,375 subcontract**
- 2007-2009 **Factors Associated with Betelnut Use on Guam.** NCI (Vogel). **Novotny R, Co-Project Leader—\$32,148 (U56 CA96254) subcontract**
- 2007-2008 **Cancer Research Network Across Health Care Systems.** NCI (Wagner).. **Novotny R, Co-Investigator—\$3,554,771 (5 U19 CA079869-09)**
- 2007-2008 **Healthcare Needs of Hawaii Island.** Shipper's Wharf Fund (Withy). **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. **Maskarinec/Novotny, Co-PI's—\$588,518 total (BC060615)**
- 2006-2007 **BMI and Ethnic Admixtures.** University of Hawaii (Albright). **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). **Novotny R, Co-Investigator—\$20,429 (1U01CA86105)**

- 2004–2009 **Work, Weight, and Wellness: The 3W Program.** NIH NHLBI (Vogt).
Novotny R, Co-Investigator—\$5,536,000 total (1 R01 HL79505)
- 2004–2009 **Healthy Living in the Pacific Islands; Healthy Pacific Child Program.**
Novotny R, PI—\$1,000,000 total (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. Le Marchand L/Novotny R,
Co-PI—\$848,218 total (# 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 **Samoan 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.—\$70,000 total **Novotny R, Co-PI**
- 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 total **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 total, (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 total (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 total**

INSTRUCTIONAL GRANTS

- 2018- 2023 **Children's Healthy Living Dietetics Scholarship Program (CHLD)** Principal Investigator, Revilla, MKF. USDA/AFRI 2018-38413-28140. \$200,000, Role: 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) Role: Novotny, R. Hawaii Site PI.
- 2016-2019 **Child Health Assessment for the Pacific (CHAP).** 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). \$3,000,000 total. Role: Curriculum Specialist
- 2014 **Translating Cultural Concepts of Food in the Pacific through an Introductory Nutrition Course.** Association of Public Land Grant Universities (Fialkowski, PI). \$2,000 total.
- 2001 **Assessment of FSHN Curriculum,** CTAHR, University of Hawaii. Iwaoka W, PI. \$40,000 total
- 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 total.
- 1994 **International Agreements Fund,** UH. UH Field Studies for Fook Ling Ng at Universitas Pattimura, Indonesia, \$1,500 total.
- 1991 **Teaching Development Grant,** UH. Office of Faculty Development and Academic Support, University of Hawaii, Honolulu, HI, \$500 total.
- 1991 **International Agreements Fund,** International Programs, University of Hawaii. Funds for Curriculum Development, Pattimura University, Indonesia, \$500 total.
- 1990–1991 **International Agreements Fund,** International Programs, University of Hawaii. \$2,000 total.

Presentations

Oral

- 2022 Novotny R, Butel J. COVID-19, Food and Nutrition in the United States of America. *Ann Nutr Metab* 2023;79(suppl 1):278. DOI: 10.1159/000530786. Oral presentation at ICN Tokyo. **Invited**
- 2022 Novotny R, Aflague T, Coleman P, Fleming T, Shallcross L, Wilkens. Children's Healthy Living community randomized trial sustainably decreased prevalence of overweight and obesity of young children in the diverse US affiliated Pacific region. *Ann Nutr Metab* 2023;79(suppl 1):164. DOI: 10.1159/000530786. Oral presentation at ICN Tokyo. **Invited**
- 2021 Raghavan R, Donovan SM, Dewey KG, Novotny R, Stang J, Taveras EM, Kleinman RE, Nevins JEH, Scinto-Madonich S, Kim JH, Butera G, Terry N, Altman J, Adler M, Obbagy JE, Stoody EE, de Jesus J. Dietary patterns during Pregnancy and Lactation and Gestational Weight Gain and Postpartum Weight Loss: A Systematic Review. *International Society of Behavioral Nutrition and*

- Physical Activity (ISBNPA), XChange 2021 (June 2021). **Oral symposium.**
- 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. Invited**
- 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, Ettienne 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 Dietitians 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.” Food & Nutrition, Honolulu, HI, July 20. **Invited**
- 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.” Food and Nutrition Division Seminar, Food and Agriculture Organization, Rome, Italy, August. **Invited**
- 2005 Binkley N, **Novotny R,** Krueger D, Kawahara-BaccusT, 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.” Nutrition Forecast Meeting, Coronado, CA, May. **Invited**
- 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.” Western Regional Joint Summer Meetings, Guam, June 21. **Invited**
- 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.” National Dairy Farmers of Canada, Montreal and Toronto, April 23/25. **Invited**
- 2003 **Novotny R.** “Nutrition and maturation of Hawaii’s teens.” 2003 HDA Spring Conference, Hawaii’s Nutrition Gift to the World, April 4. **Invited**
- 2003 **Novotny R.** “Female adolescent maturation.” Kaiser Permanente Clinical Research Center, Honolulu, HI, March. **Invited**
- 2002 **Novotny R**, Daida YG, Vogt TM, Grove JS, Acharya S. “Earlier menarche is associated with formula feeding during infancy.” Eighth RCM 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.” WIC Annual Meeting, Honolulu, HI, May. **Invited**

- 2002 **Novotny R.** “Weight and pregnancy.” WIC Nutritionists Training, Honolulu, HI, March. **Invited**
- 2001 **Novotny R.** “The nutrition transition in the Pacific.” Center for Pacific Island Studies, UH, June. **Invited**
- 2001 **Novotny R.** “Assessment of bone mass and density for prevention of osteoporosis.” CTAHR: Role in Economic Revitalization, Nutrition and Environmental Sustainability and Education Using Innovative Technology, September. **Invited**
- 2001 **Novotny R.** “Tips for successful grant writing.” CTAHR Pre-Award Seminar, UH, May. **Invited**
- 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.” Humanitarian Assistance, World Health Organization Collaborating Center, East-West Center, Honolulu, HI, July. **Invited**
- 1999 **Novotny R.** “Intercultural communications: Food and culture in South and Southeast Asia.” Maui Plant Protection and Quarantine, Kahului, HI, June. **Invited**
- 1998 **Novotny R.** “Understanding BMI.” WIC Annual State Conference, Honolulu, HI, September. **Invited**
- 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.” Cancer Research Center of Hawaii, Honolulu, HI, June. **Invited**
- 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.” The Hawaii Dietetic Association, Annual Spring Conference, Honolulu, May. **Invited**
- 1996 **Novotny R.** “When to use focus groups?” Pacific MCH Coordinator’s Conference, School of Public Health, University of Hawaii, Honolulu, December. **Invited**
- 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.” Hawaii Nutrition Council, Honolulu, HI, March. **Invited**
- 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, Nikaido 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?” WIC State Conference, Honolulu, HI, October. **Invited**
- 1992 **Novotny R.** “Promoting nutrition in developing countries.” First Thursday Forum,

Church of the Crossroads, Honolulu, HI, March. **Invited**

- 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." Trisakti University, Jakarta, Indonesia, June. **Invited**
- 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" 14th International Congress of Nutrition, Seoul, South Korea, August. **Invited**
- 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." Human Survival 1988-2000, A Conference, Windward Community College, HI, November. **Invited**
- 1988 **Novotny R**. Panel. "Field responses to the Child Survival Movement." Child Survival Day, School of Public Health, University of Hawaii, February. **Invited**
- 1987 **Novotny R**. "Title II Enhancement and child survival." AID, Dominican Republic, December. **Invited**
- 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

- 2023 **Novotny R**, Aflague T, Butel J, Coleman P, Fleming T, Franck K, Hovmand P, Ing C, Oshiro J, Shallcross L, Wilkens L. Putting People Back Into Community Food Systems: Community-Based System Dynamic Childrens Healthy Living Food Systems (CHLFS) Protocol in five Pacific Jurisdictions. *Nutrition 2023, Current Developments in Nutrition 7 Suppl 1 (2023)* 100267<https://doi.org/10.1016/j.cdnut.2023.100267>. ASN Boston.
- 2021 Scinto-Madonich S, Donovan SM, Dewey KG, **Novotny R**, Stang J, Taveras EM, Kleinman RE, Raghavan R, Nevins JEH, Kim JH, Butera G, Terry N, Altman J, Adler M, Obbagy JE, Stody EE, de Jesus J. Dietary Patterns during Lactation and Human Milk Composition and Quantity: A NESR Systematic Review. *American Society for Nutrition, Nutrition 2021. June 7-10, 2021.*
- 2021 Nevins JEH, Spill MK, Donovan SM, Dewey KG, **Novotny R**, Stang J, Taveras EM, Kleinman RE, Raghavan R, Scinto-Madonich S, Kim JH, Butera G, Terry N, Altman J, Adler M, Obbagy JE, Stody EE, de Jesus J. Folic Acid from Supplements or Fortified Foods Consumed During Pregnancy and/or Lactation and Health Outcomes in Mothers and Their Children: A NESR Systematic Review. *American Society for Nutrition, Nutrition 2021. June 7-10, 2021.*
- 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 Guererro RT, Dennik 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.
- 2006 Osborne DL, Weaver C, Teegarden D, Van Loan M, **Novotny R**. “Investigating variation in cross-sectional geometry at the hip in adolescent girls.” Human Biology Association.
- 2004 Stavar S, **Novotny R**, Grove J, Daida Y, LeMarchand L. “Vitamin D receptor gene polymorphism BsmI but not FokI influences BUA bone accrual among adolescent girls in Hawaii.” CTAHR Student research symposium, University of Hawaii, April 2-3.
- 2003 Davison NH, Workman RL, Daida YG, **Novotny R**. “Healthy living in the Pacific Islands: Results of a focus group process to define perceptions of health and collaboration.” Global Public Health Conference, Honolulu, HI, June.
- 2003 **Novotny R**, Acharya S, Grove JS, Daida YG, Vogt TM. “Higher dairy intake is associated with lower body fat during adolescence.” ASNS/ Experimental Biology, San Diego, CA, April.
- 2001 Acharya S, **Novotny R**. “Maternal triceps skinfold thickness better than weight in predicting infant birth size.” 17th International Congress of Nutrition, Vienna, Austria, August.
- 2001 **Novotny R**, Goh Y*. “Body fat and pubertal stage are independently associated with bone mass of Asian and Caucasian adolescents.” 17th International Congress of Nutrition, Vienna, Austria, August.
- 2001 Goh Y, **Novotny R**. “Pubertal stage and body fat predict bone mass among Asian and Caucasian Adolescents in Hawaii.” CTAHR Student Research Symposium, University of Hawaii, Honolulu, HI, April (First Prize- poster presentation, Graduate Students).
- 2000 **Novotny R**, Davis J. “Maternal hip size predicts infant birth weight better than maternal height.” Experimental Biology 2000, San Diego, CA, April.
- 1999 **Novotny R**, Han J-S, Biernacke I. “Motivators and barriers to consuming calcium-rich foods among Asian Adolescents in Hawaii.” Experimental Biology 99, Washington, D.C., April.
- 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.
- 1996 **Novotny R**, Ng FL. “Comparison of two dietary methodologies for use in rural

- Indonesia.” American Institute of Nutrition, Washington, D.C., April.
- 1996 Derrickson J, **Novotny R**, Gans D. “Nutrition education with Marriott Educational Services: University of Hawaii at Manoa.” Hawaii Dietetic Association, April.
- 1996 Chan C, Dobbs J, **Novotny R**. “Preliminary study of whole vegetable weights used in the Genesis Food Composition DataBase in comparison with actual weights taken from a supermarket.” CTAHR Student Symposium, University of Hawaii, Honolulu, HI, April. (First Prize - undergraduate student).
- 1995 Derrickson JD, Martinez A, Tanaka D, **Novotny R**. “Anthropometric assessment of Headstart Children on Oahu.” Hawaii Dietetics Association, Honolulu, HI, April.
- 1995 Britten P, **Novotny R**, Gans D. “Improving shoppers’ awareness and understanding of nutrition facts labels.” Society for Nutrition Education, Washington, D.C.
- 1995 **Novotny R**, Davis J, Ross P, Wasnich R. “Body fat and blood pressure in a multiethnic population in Hawaii.” Experimental Biology 95, Atlanta, GA.
- 1994 Britten P, Gans D, **Novotny R**. “Do food shoppers in Hawaii understand and use nutrition labels?” Hawaii Dietetics Association, Spring Conference, April.
- 1994 **Novotny R**. “Dietary diversity in Eastern Indonesia.” Experimental Biology ‘94, American Institute of Nutrition, Anaheim, CA, April.
- 1993 **Novotny R**, Davis J, Ross PD, Wasnich RD. “Factors influencing height of women in a multiethnic population in Hawaii.” XV International Congress of Nutrition, Adelaide, Australia, September 26-October 1.
- 1987 **Novotny R**. “Changing philosophies, programs and practices.” National Council for International Health, Washington, D.C., June.